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INSTAND

Program

of External Quality Assessment
Schemes in Medical Laboratories

INSTAND
Gesellschaft zur Förderung
der Qualitätssicherung
in medizinischen Laboratorien e. V.

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PREFACE

INSTAND, the Society for promoting Quality Assurance in Medical Laboratories e.V., has been conducting External Quality Assessment Schemes in all areas of in-vitro diagnostics since 1970.

As an External Quality Assessment organization, we are accredited according to DIN EN ISO/IEC 17043. We offer more than 370 interlaboratory tests for external quality control in laboratory diagnostics, in accordance with the current version of the guidelines of the German Medical Association (Rili-BÄK).

For this purpose, we ship roughly 165,000 sample sets annually to the approximate 12,500 laboratories participating in our External Quality Assessment Schemes in over 80 countries.

You have asked, and we have responded by further optimizing our External Quality Assessment Schemes Program. What is new from 2021?

- As in previous years, we have further expanded our EQA program for you in 2021. You can find out more about the newly included EQA's on our website (www.instand-ev.de).
- For the sake of the environment, in 2021 we will refrain from sending printed catalogs for the first time. You can find the current EQA program, both in our RV-Online portal and on our website (www.instand-ev.de).
- As part of further process optimization, in order to guarantee you an even more comfortable and secure registration as well as result entry, your EQA registrations and the entry of your EQA results are now only possible via our RV-Online portal.
- Please refer to our EQA program on pages 15-20 for the parameters from the appendices B 1, B 2, B 3 and B 5 which are subject to participation according to the guidelines of the German Medical Association. These are displayed in **orange**. The entire content of the guideline can be found in its current version on the website of the German Medical Association (www.bundesaerztekammer.de/richtlinien/richtlinien/).

Our RV-Online system is available at the following address

(<https://rv-online.instandev.de>).

Please note the respective binding deadlines for registration and cancellation!

We are looking forward to continuing our enjoyable and pleasant cooperation.

According to the Guidelines of the Federal Medical Association of Germany of Quality Assurance in Medical Laboratories the mandatory analytes of the EQA schemes are **color-coded** in this brochure.

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When participating in INSTAND EQA schemes our "General Terms and Conditions for Participation in INSTAND External Quality Assessment Schemes" apply exclusively. These are available at www.instand-ev.de/gtc and will be sent to the participant upon request.

Current fees for INSTAND EQAS:
 Net amount plus legal value added tax and additional costs of shipping expenses.
 Taxes and duties shall be borne by the participant.
 These fees are valid for participation in Germany and may differ in other countries.

List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

According to the Guidelines of the Federal Medical Association of Germany of Quality Assurance in Medical Laboratories (only for German participants) the mandatory analytes of the EQA schemes are **color-coded** in this brochure.

B 1a

Analytes in Plasma / Serum / Whole blood	Frequency	Group no.
Activated partial thromboplastin time (aPTT)	Quarterly	221, 285, 286
Alanine aminotransferase (ALT or GPT) EC 2.6.1.2	Quarterly	100, 120, 810
Albumin	Quarterly	100, 141, 810
Alkaline phosphatase (AP) EC 3.1.3.1	Quarterly	100, 120, 810
Alpha fetoprotein (AFP)	Quarterly	292, 306
Aspartate aminotransferase (AST or GOT) EC 2.6.1.1	Quarterly	100, 120, 810
Bilirubin (total)	Quarterly	100, 110, 120, 810
CA 15-3	Quarterly	292
Calcium (total)	Quarterly	100, 810
Calcium (ionised)	Quarterly	161, 163
Carbamazepine	Quarterly	195
Carcino embryonic antigen (CEA)	Quarterly	292
Chloride	Quarterly	100, 161, 163, 810
Cholesterol (total)	Quarterly	100, 120, 151, 810
Cortisol	Quarterly	302
Creatine kinase (CK) EC 2.7.3.2	Quarterly	100, 120, 810
C-reactive protein (CRP)	Quarterly	241, 322
Digitoxin	Quarterly	197
Erythrocytes	Quarterly	211, 612
Estradiol, 17-beta	Quarterly	302
Ethanol clinical toxicology	Quarterly	700
Ferritin	Quarterly	241
FSH	Quarterly	297
Gamma glutamyl transferase (?-GT) EC 2.3.2.2	Quarterly	100, 120, 810
Glucose	Quarterly	100, 111, 120, 161, 800, 810
Haematocrit	Quarterly	209, 211, 612
Haemoglobin	Quarterly	162, 163, 209, 211, 612
Haemoglobin A 1c (HbA1c)	Quarterly	145
Uric acid	Quarterly	100, 120, 810
Urea	Quarterly	100, 120, 161, 163, 810
Human chorionic gonadotropin (hCG)	Quarterly	292, 306
Immunoglobulin IgA	Quarterly	100, 241
Immunoglobulin IgG	Quarterly	100, 241
Immunoglobulin IgM	Quarterly	100, 241
Potassium	Quarterly	100, 120, 161, 163, 810
Creatinine	Quarterly	100, 120, 161, 810
Lactate	Quarterly	100, 161, 163, 810
Lactate dehydrogenase (LDH) EC 1.1.1.27	Quarterly	100, 810
Leucocytes	Quarterly	209, 211, 612
Lithium	Quarterly	100, 161, 195
Magnesium	Quarterly	100, 161, 810
Sodium	Quarterly	100, 161, 163, 810
pCO ₂	Quarterly	161, 163
pH	Quarterly	161, 163
Phenobarbital	Quarterly	195
Phenytoin	Quarterly	195
Phosphate (inorganic)	Quarterly	100, 810
pO ₂	Quarterly	161, 163
Progesterone	Quarterly	302
Prostate-specific antigen (PSA)	Quarterly	292, 293
Protein (total)	Quarterly	100, 141, 810

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List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 1a Analytes in Plasma / Serum / Whole blood Frequency Group no.

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Testosterone	Quarterly	293, 302
Theophylline	Quarterly	195
Thromboplastin time (Quick)	Quarterly	221, 285, 286
Thrombocytes	Quarterly	209, 211, 612
Thyrotropic hormone (TSH)	Quarterly	294, 302
Thyroxine, free (fT4)	Quarterly	294, 302
Transferrin	Quarterly	100, 241
Triglycerides	Quarterly	100, 120, 151, 810
Triiodothyronine, free (fT3)	Quarterly	294, 302
Troponin I	Quarterly	760
Valproic acid	Quarterly	195
Vancomycin	Quarterly	197

B 1b Analytes in Urine Frequency Group no. B 1c Analytes in Cerebrospinal Fluid Frequency Group no.

Albumin	Quarterly	173
Calcium	Quarterly	173
Glucose	Quarterly	173
Uric acid	Quarterly	173
Urea	Quarterly	173
Potassium	Quarterly	173
Creatinine	Quarterly	173
Sodium	Quarterly	173
Phosphate	Quarterly	173
Protein (total)	Quarterly	173

Albumin	Quarterly	460
Glucose	Quarterly	464
Immunoglobulin IgA	Quarterly	460
Immunoglobulin IgG	Quarterly	460
Immunoglobulin IgM	Quarterly	460
Lactate	Quarterly	464
Protein (total)	Quarterly	460

B 1d Analytes in dry blood Frequency Group no.

17-Hydroxyprogesterone	Quarterly	785
IRT	Quarterly	785
PAP	Quarterly	785
TSH	Quarterly	785

B 2 Qualitative laboratory testing Frequency Group no.

ABO characteristics	Quarterly	231, 232, 237, 238
Borrelia burgdorferi, antibodies against (in serum)	Biannually	332
Borrelia burgdorferi, antibodies against (in CSF)	Biannually	465
Candida albicans, antibodies against	Biannually	480
Cannabinoids	Quarterly	177
CD4-T cells	Biannually	213
CD8-T cells	Biannually	213
Chromatographic analysis with identification of the active substance (STA)	Biannually	188

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List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 2

Qualitative laboratory testing

Frequency

Group no.

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Cocaine and metabolites	Quarterly	174
Differential, blood smear	Quarterly	212
Direct Coombs test	Quarterly	231, 232, 237, 238
dsDNA, autoantibodies against	Biannually	251
Echinococcus, antibodies against	Annually	455
Entamoeba histolytica, antibodies against	Annually	455
Erythrocyte antigens, antibodies against (Coombs test)	Quarterly	231, 232, 237, 238
Glutaminase, antibodies against	Biannually	271
HBc antigen, antibodies against	Biannually	344
HBe antigen, antibodies against	Biannually	345
HBs antigen, antibodies against	Biannually	344
Hepatitis-A virus, antibodies against	Biannually	343
Hepatitis-C virus, antibodies against	Biannually	346
HIV, antibodies against	Biannually	335
IgE antibodies, allergen-specific single allergen test; method-specific control on a rotational basis with 6 chief allergens from the following groups: a) seasonal inhaled allergen, b) year-round inhaled allergen, c) food allergen, d) insect poison allergen	Biannually	720
Immunoglobulin, oligoclonal (oligoclonal bands)	Biannually	462
Nuclei (ANA) autoantibodies against	Biannually	251
	Biannually	357
Methadone and metabolites	Quarterly	176
	Biannually	356
Opiates	Quarterly	174
Plasmodium, antibodies against	Annually	454
Rhesus type	Quarterly	231, 232, 237, 238
Rheumatoid factor (RF)	Quarterly	273, 323
Rubella virus, antibodies against	Biannually	341
Schistosoma, antibodies against	Annually	454
Streptococci desoxyribonuclease, antibodies against	Biannually	321
Streptolysin O, antibodies against	Biannually	321
Toxoplasmosis gondii, antibodies	Biannually	452
Treponema pallidum, antibodies against	Biannually	311
Tricyclic antidepressants	Quarterly	203, 204
Urine sediment	Annually	172
	Biannually	353
Cytoplasmatic components of neutrophil granulocytes (cANCA/pANCA), autoantibodies against	Biannually	257

List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 3

Direct detection and characterisation of infectious agents

Frequency

Group no.

Bacteria

Gram stain	Biannually	413
Cultivation, identification and sensitivity testing of bacteria	Biannually	411, 412
Cultivation, identification and sensitivity testing of fast-growing bacteria and detection of accompanying bacterial flora of the urogenital system	Biannually	411, 412
Bordetella pertussis, genome detection	Biannually	532
Borrelia burgdorferi sensu lato, genome detection	Biannually	535
Chlamydia pneumoniae, genome detection	Biannually	540
Chlamydia trachomatis, antigen detection	Biannually	313, 316
Chlamydia trachomatis, genome detection	Biannually	530, 531
Clostridium difficile (Toxin Gene), genome detection	Biannually	545
EHEC/STEC (Shiga toxin), genome detection	Biannually	534
Helicobacter pylori, genome detection	Biannually	533
Legionella pneumophila, genome detection	Biannually	536
Listeria monocytogenes, genome detection	Biannually	538
Methicillin resistance Staphylococcus aureus (MRSA), genome detection	Biannually	539
Mycoplasma pneumoniae, genome detection	Biannually	541
Neisseria gonorrhoeae, genome detection	Biannually	530
Salmonella enterica, genome detection	Biannually	537
Coxiella burnetii, genome detection	Biannually	542
Francisella tularensis, genome detection	Biannually	543

Mycobacteria

Microscopic detection of mycobacteria	Biannually	421
Cultivation of mycobacteria	Biannually	422
Differentiation of tuberculosis bacteria	Biannually	422
Sensitivity test of tuberculosis bacteria	Biannually	425, 426
Identification of mycobacteria	Biannually	423
Tuberculosis bacteria, genome detection	Biannually	424

Parasites

Parasites		
Parasites in the blood, microscopic detection	Biannually	456
Parasites in the stool, microscopic detection	Biannually	451
Toxoplasma gondii, genome detection	Biannually	457

Yeasts

Cultivation and identification of yeasts and hyphomycetes	Biannually	490
Identification of dermatophytes, yeasts and moulds (pathogens of dermatomycoses and mucosal yeast infections)	Biannually	491
Candida, antigen detection	Biannually	480
Cryptococcus neoformans, antigen detection	Biannually	481

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List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 3

Direct detection and characterisation of infectious agents

Frequency

Group no.

>>

Viruses

Adeno viruses, genome detection	Biannually	371
Cytomegalovirus, genome detection	Biannually	365
Enteroviruses, genome detection	Biannually	372
Epstein Barr virus, genome detection	Biannually	376
Hepatitis A virus, genome detection	Biannually	377
Hepatitis B virus, genome detection	Biannually	361
Hepatitis B virus, HBs antigen detection	Biannually	344
Hepatitis B virus, HBe antigen detection	Biannually	345
Hepatitis C virus, genome detection	Biannually	362
Hepatitis C virus genotyping, genome detection	Biannually	375
Hepatitis C virus, HCV antigen detection	Biannually	346
Hepatitis E Virus, genome detection	Biannually	380
Herpes simplex virus type 1/type 2, genome detection	Biannually	363
HIV 1 (RNA), genome detection	Biannually	360
HIV 1, p24 antigen detection	Biannually	337
Human papilloma viruses, genome detection	Biannually	373
Influenza-A- and -B viruses, genome detection	Biannually	370
Influenza-A- and -B viruses, antigen detection	Biannually	370
Measles Virus, genome detection	Biannually	386
Mumps Virus, genome detection	Biannually	387
Norovirus, genome detection	Biannually	381
Parvovirus B19, genome detection	Biannually	367
Respiratory syncytial virus, genome detection	Biannually	359
Respiratory syncytial virus, antigen detection	Biannually	359
Rubella Virus, genome detection	Biannually	389
Varicella zoster virus, genome detection	Biannually	366
West Nile Virus, genome detection	Biannually	391

Analysis	Gene, Trivial Name	Gene, HGNC-Name	Frequency	Group no.
Alpha1-Antitrypsin	AAT, PI1	SERPINA1	Biannually	743
Apolipoprotein B 100	APOB	APOB	Biannually	771
Apolipoprotein E	APOE	APOE	Biannually	734, 744
Cytochrome p450 2C9 (CYP2C9)	CYP2C9	CYP2C9	Biannually	775
Cytochrome p450 2C19 (CYP2C19)	CYP2C19	CYP2C19	Biannually	777
Cytochrome p450 2D6 (CYP2D6)	CYP2D6	CYP2D6	Biannually	777
Factor V (Leiden)	FV Leiden	F5	Biannually	730, 740
Hereditary haemochromatosis	HLA-H	HFE	Biannually	733, 741
HLA-B27	HLA-B	HLA-B	Biannually	440
Lactase-phlorizin-hydrolase	LPH	LCT	Biannually	770
Methylenetetrahydrofolate reductase	MTHFR	MTHFR	Biannually	732, 747
Plasminogen activator inhibitor I	PAI1	SERPINE1	Biannually	735, 748
Prothrombin	FII	F2	Biannually	731, 746
Thiopurine S methyltransferase	TPMT	TPMT	Biannually	775
Uridyl glucuronyl transferase-1A	UGT1	UGT1A1	Biannually	742
Vitamin K epoxide reductase	VKORC1	VKORC-1	Biannually	775
Cystic fibrosis, mucoviscidosis	CFTR	CFTR	Annually	778
Familial breast/ovarian cancer (BRCA)	BRCA1, BRCA2	BRCA1, BRCA2	Annually	779
21-Hydroxylase deficiency (congenital adrenal hyperplasia)	P450-C21	CYP21A2	Annually	773
Duchenne and Becker muscular dystrophy	Dystrophin	DMD	Annually	780
Fragile X syndrome	FRAXA	FMR1	Annually	781
Severe hearing impairment	Connexin 26	GJB2	Annually	782
Hereditary nonpolyposis colorectal cancer	HNPCC	MSH2, MLH1	Annually	783
Huntington's disease	Huntingtin	HTT	Annually	784
Prader-Willi and Angelman syndrome	Chr. 15q11-q13	ANCR	Annually	786
Spinal muscle atrophy	SMA	SMN1	Annually	787
Wilson's disease	ATPase	ATP7B	Annually	745
Y chromosome, microdeletions	Azoospermia factor	AZF	Annually	788

Allergy Diagnostic

Schellenberg / Zouboulis

720

1 set of samples: 5 x lyophilised samples of 1.0 or 0.5 ml serum					participation according to Rili-BÄK: biannually
4 samples for determination specific IgE against inhaled allergens, food allergens and insect poison allergens					
1 sample for determination of total IgE					
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

Engraftment- and Chimerism Diagnostics

Reibke / Dick / Spannagl

618

5 whole blood samples, donor, patient pre-and post-transplant per appointment

Chimerism diagnostics after stem cell transplantation

Evaluation and diagnosis Receiver

Successful participation in both EQAS rounds is necessary for the award of a certificate (10 samples per year).

Due to longer shipment times, labs using FISH-Analyses, cannot participate in this EQA.

	May (3)	Nov. (6)
Deadline for registration / cancelation	26.02.21	03.09.21
Shipment	20.04.21	02.11.21
Deadline for receipt of data	14.05.21	26.11.21

Immunogenetics 01 – HLA-B27 Determination

Lachmann / Zaralioglu

440

5 samples of 2-3 ml ACD whole blood

participation according to Rili-BÄK:
biannually

Determination of HLA-B27 by molecular and/or serological means

	Feb. (1)	Apr. (3)	Aug. (4)	Nov. (6)
Deadline for registration / cancelation	20.11.20	29.01.21	21.05.21	10.09.21
Shipment	18.01.21	29.03.21	19.07.21	08.11.21
Deadline for receipt of data	12.02.21	23.04.21	13.08.21	03.12.21

Immunogenetics 02 – Serology HLA Typing Class I and II

Lachmann / Zaralioglu

441

5 samples of approx. 8 ml platelet-depleted ACD blood

Serological typing of HLA class I (HLA A, B) and/or HLA class II (HLA-DR, DQ),
optional determination of HLA-C

	Feb. (1)	Apr. (3)	Aug. (4)	Nov. (6)
Deadline for registration / cancelation	20.11.20	29.01.21	21.05.21	10.09.21
Shipment	18.01.21	29.03.21	19.07.21	08.11.21
Deadline for receipt of data	12.02.21	23.04.21	13.08.21	03.12.21

Immunogenetics 03 – DNA-Based Typing of HLA Class II

Lachmann / Zaralioglu

442

5 samples of approx. 5 ml ACD whole blood

Molecular typing of HLA class II in low and/or high resolution for the following HLA loci:
DRB1, DRB3/4/5, DQA1, DQB1, DPA1 and DPB1.

Molecular typing for HLA shared epitopes in diagnosing rheumatoid arthritis.

	Feb. (1)	Apr. (3)	Aug. (4)	Nov. (6)
Deadline for registration / cancelation	20.11.20	29.01.21	21.05.21	10.09.21
Shipment	18.01.21	29.03.21	19.07.21	08.11.21
Deadline for receipt of data	12.02.21	23.04.21	13.08.21	03.12.21

Immunogenetics 04 – HLA Crossmatching

Lachmann / Zaralioglu

443

1 serum set of 50 µl serum samples (20 Sera) / year

HLA crossmatching (lymphocytotoxic crossmatching)

Group 443: only in block with No. 441 March/April. The HLA crossmatching should be done with the
shipping of the group 441 on 29th March 2021.

	Apr. (3)
Deadline for registration / cancelation	20.11.20
Shipment	18.01.21
Deadline for receipt of data	30.04.21

5 samples of 1-1,5 ml (buffy coat)

Molecular typing of HLA class I in low and/or high resolution for the following HLA loci: A, B and C.

Molecular typing for HLA-B*57:01 for diagnosis of Abacavir hypersensitivity.

	Feb. (1)	Apr. (3)	Aug. (4)	Nov. (6)
Deadline for registration / cancelation	20.11.20	29.01.21	21.05.21	10.09.21
Shipment	18.01.21	29.03.21	19.07.21	08.11.21
Deadline for receipt of data	12.02.21	23.04.21	13.08.21	03.12.21

Immunogenetics 06 – HLA Antibody Screening and Specification

5 samples of 1 ml serum

Maximum order: 2 sets of samples

HLA antibody determination:

HLA antibody screening by complement-dependent cytotoxicity test (CDC) and/or with solid phase immunoassays, antibody specification by CDC and/or antibody specification by solid phase immunoassays (ELISA, Luminex)

	Feb. (1)	Aug. (4)
Deadline for registration / cancelation	20.11.20	21.05.21
Shipment	18.01.21	19.07.21
Deadline for receipt of data	26.02.21	27.08.21

Molecular Genetics 01 – Apolipoprotein E (E2, E3, E4)

Flörke / Kappert

734

2 samples of 0.5 ml human whole blood

participation according to Rili-BÄK:
biannually

Apo E (genotypes 2, 3, 4)

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	29.01.21	23.07.21
Shipment	17.03.21	22.09.21
Deadline for receipt of data	16.04.21	22.10.21

Molecular Genetics 02 – Factor V-Leiden-Mutation

Flörke / Kappert

730

2 samples of 0.5 ml human whole blood

participation according to Rili-BÄK:
biannually

Factor V-Leiden

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	29.01.21	23.07.21
Shipment	17.03.21	22.09.21
Deadline for receipt of data	16.04.21	22.10.21

Molecular Genetics 03 – HFE H63D, C282Y (optional: S65C)

Flörke / Kappert

733

2 samples of 0.5 ml human whole blood

participation according to Rili-BÄK:
biannually

HFE: C 282 Y HFE: H 63 D HFE: S 65 C

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	29.01.21	23.07.21
Shipment	17.03.21	22.09.21
Deadline for receipt of data	16.04.21	22.10.21

Molecular Genetics 04 – MTHFR C677T (optional: A1298C)

Flörke / Kappert

732

2 samples of 0.5 ml human whole blood

participation according to Rili-BÄK:
biannually

MTHFR (A 1298 C) MTHFR (C 677 T)

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	29.01.21	23.07.21
Shipment	17.03.21	22.09.21
Deadline for receipt of data	16.04.21	22.10.21

2 samples of 0.5 ml human whole blood			participation according to Rili-BÄK: biannually
Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G			
	Apr. (2)	Oct. (5)	
Deadline for registration / cancelation	29.01.21	23.07.21	
Shipment	17.03.21	22.09.21	
Deadline for receipt of data	16.04.21	22.10.21	

2 samples of 0.5 ml human whole blood			participation according to Rili-BÄK: biannually
Prothrombin G20210A			
	Apr. (2)	Oct. (5)	
Deadline for registration / cancelation	29.01.21	23.07.21	
Shipment	17.03.21	22.09.21	
Deadline for receipt of data	16.04.21	22.10.21	

3 samples, DNA (in 20 µl water) isolated from human leukocytes			
Hereditary fructose intolerance:			
Aldolase B: A 149 P	Aldolase B: A 174 D	Aldolase B: N 334 K	
	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes			participation according to Rili-BÄK: biannually
Enzyme inhibitors:			
Alpha-1 antitrypsin S-Locus	Alpha-1 antitrypsin Z-Locus		
	Feb. (1)	June (3)	
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 Samples, 50 µl genomic DNA suspended in 10 mM Tris-HCl pH 8.5

Antithrombin (AT3; SERPINC1) (3 exons as specified)

	Feb. (1)	Nov. (6)
Deadline for registration / cancelation	20.11.20	06.08.21
Shipment	13.01.21	06.10.21
Deadline for receipt of data	12.02.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes

participation according to Rili-BÄK:
biannually

Lipoproteins:

Apo E (genotypes 2, 3, 4)

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes

participation according to Rili-BÄK:
annually

M. Wilson:

ATP 7 B: H 1069 Q

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes

participation according to Rili-BÄK:
biannually

Coagulation:

Factor V-Leiden

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes

Coagulation:

Fibrinogen Receptor HPA: 1a, 1b

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes

participation according to Rili-BÄK:
biannually

Haemochromatosis:

HFE: C 282 Y

HFE: H 63 D

HFE: S 65 C

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes

additional sample set is not available

Coagulation:

Collagen receptor GP Ia/IIa (C 807 T)

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes			participation according to Rili-BÄK: biannually
Coagulation:			
MTHFR (A 1298 C)	MTHFR (C 677 T)		
	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 samples, DNA (in 20 µl water) isolated from human leukocytes			participation according to Rili-BÄK: biannually
Coagulation:			
Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G			
	Feb. (1)	June (3)	
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

3 Samples, 50 µl genomic DNA suspended in 10 mM Tris-HCl pH 8.5		
Protein C(3 exons as specified)		
	Feb. (1)	Nov. (6)
Deadline for registration / cancelation	20.11.20	06.08.21
Shipment	13.01.21	06.10.21
Deadline for receipt of data	12.02.21	05.11.21

3 Samples, 50 µl genomic DNA suspended in 10 mM Tris-HCl pH 8.5			additional sample set is not available
Protein S (3 exons as specified)			
	Feb. (1)	Nov. (6)	
Deadline for registration / cancelation	20.11.20	06.08.21	
Shipment	13.01.21	06.10.21	
Deadline for receipt of data	12.02.21	05.11.21	

3 samples, DNA (in 20 µl water) isolated from human leukocytes

participation according to Rili-BÄK:
biannually

Coagulation:

Prothrombin G20210A

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

Molecular Genetics 21 – Ret Proto-Oncogene (Multiple endocrine neoplasia Type 2A – MEN2A)

3 Samples, 50 µl genomic DNA suspended in 10 mM Tris-HCl pH 8.5

Ret Proto-oncogene, exon 10-16

	Feb. (1)	Nov. (6)
Deadline for registration / cancelation	20.11.20	06.08.21
Shipment	13.01.21	06.10.21
Deadline for receipt of data	12.02.21	05.11.21

Molecular Genetics 22 – UDP-Glucuronyltransferase 1

3 samples, DNA (in 20 µl water) isolated from human leukocytes

participation according to Rili-BÄK:
biannually

Hyperbilirubinaemia:

UDP-glucuronyl transferase (TA)6, (TA)7

	Feb. (1)	June (3)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	06.08.21
Shipment	13.01.21	05.05.21	06.10.21
Deadline for receipt of data	12.02.21	02.06.21	05.11.21

Molecular Genetics 23 – ANCR (Prader-Willi, Angelman)

2 samples of 40 µl DNA in Tris-EDTA

participation according to Rili-BÄK:
annually

SNRPN gene – diagnosis

SNRPN gene – maternal allele

SNRPN gene – paternal allele

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 samples DNA Tris-HCl-Buffer

Mutations in alpha-globin gene (max. 4)
Genotype alpha-globin gene (nomenclature haemoglobinopathies)
Evaluation alpha-globin gene

Mutations in beta globin gene (max. 4)
Genotype beta-globin gene (nomenclature haemoglobinopathies)
Evaluation beta-globin gene

Report with findings from alpha- and beta- globin gene together

	June (3)	Nov. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	02.06.21	05.11.21

Molecular Genetics 25 – Apolipoprotein B

Maly / Fried

771

2 samples of 20 µl DNA in Tris-EDTA

participation according to Rili-BÄK:
biannually

Apo B 100 (R 3500 Q)

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 26 – AZF (Y-Chromosome Microdeletions)

Maly / Fried

788

2 samples of 40 µl DNA in Tris-EDTA

participation according to Rili-BÄK:
annually

Y-Chromosome AZFa deletion
Y-Chromosome AZFc deletion

Y-Chromosome AZFb deletion

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 samples of 40 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
BRCA1 mutation type	BRCA2 mutation type	
	Apr. (2)	
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 samples of 40 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
CFTR Gen (1677 delTA) CFTR Gen (2184 delA) CFTR Gen (A455E) CFTR Gen (E 92 X) CFTR gene (1342-2 A>C) CFTR gene (2183A A>G) CFTR gene (2789+5 G>A) CFTR gene (3659 del C) CFTR gene (394 del TT) CFTR gene (G 542 X) CFTR gene (G 85 E) CFTR gene (I 336 K) CFTR gene (Intron 8 (Polypyrimidine Tract)) CFTR gene (N 1303 K) CFTR gene (R 117 H) CFTR gene (R 347 P) CFTR gene (W 1282 X) CFTR gene (dele2,3 (21kb))	CFTR Gen (2143 del T) CFTR Gen (3905insT) CFTR Gen (E 60 X) CFTR gene (1078 del T) CFTR gene (1717-1 G>A) CFTR gene (2184 ins A) CFTR gene (3272-26 A>G) CFTR gene (3849+10kb C>T) CFTR gene (621+1 G>T) CFTR gene (G 551 D) CFTR gene (I 148 T) CFTR gene (I 507 del) CFTR gene (M 1101 K) CFTR gene (R 1162 X) CFTR gene (R 334 W) CFTR gene (R 553 X) CFTR gene (Y 1092 X (C>A)) CFTR gene (delta F 508)	
	Apr. (2)	
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 samples of 40 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
Cyp21A2 gene (Del 8bp) Cyp21A2 gene (F306 +T) Cyp21A2 gene (I2 G) Cyp21A2 gene (P 453 S) Cyp21A2 gene (R 356 W)	Cyp21A2 gene (E6 Cluster) Cyp21A2 gene (I 172 N) Cyp21A2 gene (P 30 L) Cyp21A2 gene (Q 318 X) Cyp21A2 gene (V 281 L)	
	Apr. (2)	
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 samples of 40 µl DNA in Tris-EDTA			participation according to Rili-BÄK: biannually
CYP2C19*2 Allele: G 681 A CYP2C9*3 Allele: A 1075 C TPMT*2 Allele (nt. G 238 C)	CYP2C19*3 Allele: G 636 A TPMT (nt. A 719 G) VKORC1: C 1173 T	CYP2C9*2 Allele: C 430 T TPMT (nt. G 460 A) VKORC1: G -1639 A	
	Apr. (2)	Nov. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	02.04.21	05.11.21	

2 samples of 40 µl DNA in Tris-EDTA			participation according to Rili-BÄK: biannually
CYP2D6 Gene Duplication CYP2D6*5: complete Deletion IL-28B C/T: rs 12979860	CYP2D6*3: A2637 del CYP2D6*6: T1795 del	CYP2D6*4: G 1934 A DPD (exon 14 skipping)	
	Apr. (2)	Nov. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	02.04.21	05.11.21	

2 samples of 40 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
Dystrophin – mutation	Dystrophin – mutation type	
	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 samples of 40 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
Allele 1 FMR1 CGG repeats in 5' UTR Evaluation	Allele 2 FMR1 CGG repeats in 5' UTR	
	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 34 – GJB2 Connexin 26

Maly / Fried

782

2 samples of 20 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
GJB2 35del G (Connexin 26)		
	Apr. (2)	
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 35 – HLA-DQ

Maly / Fried

772

2 samples of 20 µl DNA in Tris-EDTA		
HLA DQA1*05	HLA DQB1*02	
	Apr. (2)	
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 36 – HTT Huntingtin

Maly / Fried

784

2 samples of 40 µl DNA in Tris-EDTA		participation according to Rili-BÄK: annually
HTT Gen – CAG repeats allele 1	HTT Gen – Evaluation allele 1	
	Apr. (2)	
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 37 – K-ras Codon 12/13/61

Maly / Fried

776

2 samples of 40 µl DNA in Tris-EDTA		
K-ras Codon 12 mutation	K-ras Codon 12 mutation type	
K-ras Codon 12/13 mutation	K-ras Codon 13 mutation	
K-ras Codon 13 mutation type	K-ras Codon 61 mutation	
K-ras Codon 61 mutation type		
	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 38 – Lactase-gene (LCT)

Maly / Fried

770

2 samples of 20 µl DNA in Tris-EDTA

participation according to Rili-BÄK:
biannually

Lactase-Gene (LCT) (T -13910 C)

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 39 – MSH2 MLH1 (HNPCC)

Maly / Fried

783

2 samples of 40 µl DNA in Tris-EDTA

participation according to Rili-BÄK:
annually

MLH1 mutation type

MSH2 mutation type

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 40 – NOD2

Maly / Fried

774

2 samples of 20 µl DNA in Tris-EDTA

NOD2 (G 908 R)

NOD2 (L 1007fs InsC)

NOD2 (R 702 W)

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 41 – SMN1 (Spinal Muscular Atrophy)

Maly / Fried

787

2 samples of 40 µl DNA in Tris-EDTA

participation according to Rili-BÄK:
annually

SMN1 Gen – exon 7 deletion

SMN1 Gen – exon 8 deletion

	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

1 DNA sample		New in our EQA Program 2021
ASXL1 Exon 13 Mutation(s)	ASXL1 Nomenclature	
CEBPA (CDS) Mutation(s)	CEBPA Nomenclature	
FLT3 (TKD) Mutation(s)	FLT3 Nomenclature	
IDH1 Exon 4 Mutation(s)	IDH1 Nomenclature	
IDH2 Exon 4 Mutation(s)	IDH2 Nomenclature	
NPM1 Exon 11 Mutation(s)	NPM1 Nomenclature	
RUNX1 (CDS) Mutation(s)	RUNX1 Nomenclature	
TP53 (CDS) Mutation(s)	TP53 Nomenclature	
CDS = coding DNA sequence; TKD = Tyrosin kinase domain		
	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 DNA samples		New in our EQA Program 2021
BRAF Nomenclature	BRAF p.V600	
	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

2 DNA samples		New in our EQA Program 2021
BTK Nomenclature	BTK p.C481	
	Apr. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	02.04.21	05.11.21

Molecular Genetics 45 – KIT

Kreuzer / Kleinert

767

2 DNA samples			
KIT Nomenclature KIT p.D816			
	Apr. (2)		Nov. (6)
Deadline for registration / cancelation	08.01.21		06.08.21
Shipment	03.03.21		06.10.21
Deadline for receipt of data	02.04.21	05.11.21	

Molecular Genetics 46 – MYD88

Kreuzer / Kleinert

766

2 DNA samples			
MYD88 p.L265P			
	Apr. (2)		Nov. (6)
Deadline for registration / cancelation	08.01.21		06.08.21
Shipment	03.03.21		06.10.21
Deadline for receipt of data	02.04.21	05.11.21	

Molecular Genetics 47 – Myeloproliferative Neoplasia

Kreuzer / Kleinert

768

2 DNA samples			
CALR Exon 9 Mutation(s) MPL Nomenclature	CALR Nomenclature MPL p.W515	JAK2 p.V617F	
	Apr. (2)	Nov. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	02.04.21	05.11.21	

Molecular Genetics 48 – SF3B1

Kreuzer / Kleinert

797

2 DNA samples		New in our EQA Program 2021	
SF3B1 Exon 14-15	SF3B1 Nomenclature		
	Apr. (2)		Nov. (6)
Deadline for registration / cancelation	08.01.21		06.08.21
Shipment	03.03.21		06.10.21
Deadline for receipt of data	02.04.21	05.11.21	

2 DNA samples			
STAT3 Exon 21 Mutation(s) STAT3 Nomenclature			
	Apr. (2)	Nov. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	02.04.21	05.11.21	

2 DNA samples			
TP53 Mutation(s)	TP53 Nomenclature		
	Apr. (2)		Nov. (6)
Deadline for registration / cancelation	08.01.21		06.08.21
Shipment	03.03.21		06.10.21
Deadline for receipt of data	02.04.21	05.11.21	

Haematology 01 – Blood Cell Count

Dorn-Beineke / Nebe

211

2 specimen of 2 ml stabilized control blood

participation according to Rili-BÄK:
quarterly

Analysis of Haemoglobin with HemoCue systems is possible!

Erythrocytes
Haemoglobin
ThrombocytesHaematocrit centrif.
LeucocytesHaematocrit el.count
MCV

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Haematology 03 – Blood Cell Count – QBC System

Dorn-Beineke / Nebe

209

2 samples of control blood

participation according to Rili-BÄK:
quarterly

Haematocrit centrif.

Haemoglobin

Leucocytes

Thrombocytes

	Mar. (2)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	30.04.21	06.08.21
Shipment	03.03.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	12.03.21	14.05.21	09.07.21	15.10.21

Haematology 04 – Reticulocyte Analysis 02 (Machine-Based Analysis)

Nebe / Gutensohn

216

2 samples for automated reticulocyte counting by cell analysers

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	12.03.21	09.07.21	13.08.21
Shipment	19.01.21	18.05.21	07.09.21	12.10.21
Deadline for receipt of data	29.01.21	28.05.21	17.09.21	22.10.21

Haematology 05 – Reticulocyte Analysis 01 (Microscopy)

Nebe / Gutensohn

215

2 blood smears for microscopic analysis

	Jan. (1)	July (4)
Deadline for registration / cancelation	20.11.20	07.05.21
Shipment	19.01.21	06.07.21
Deadline for receipt of data	29.01.21	16.07.21

2 samples of fresh whole blood from blood bank, overnight shipping

participation according to Rili-BÄK:
quarterly

Basophilic Granulocytes	Eosinophilic Granulocytes	Erythrocytes
Haematocrit centrif.	Haematocrit el.count	Haemoglobin
Leucocytes	Lymphocytes	MCV
Monocytes	Neutrophilic Granulocytes	Thrombocytes

Due to high demand, two different sets of samples will be sent (Gr. 612 = Gr. 912). The group number you receive will be set by INSTAND e.V. before each EQAS shipment. Both groups are equivalent.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	12.03.21	09.07.21	13.08.21
Shipment	19.01.21	18.05.21	07.09.21	12.10.21
Deadline for receipt of data	29.01.21	28.05.21	17.09.21	22.10.21

Haematology 07 – Blood Smear Analysis

Diem / Baumann

212

2 peripheral blood smears

In addition to the two preparations, you usually receive an additional and difficult preparation (free of charge) which is not part of the EQA scheme, but is only intended for educational purposes.

participation according to Rili-BÄK:
quarterly

Blood Cell Differentiation in %	Diagnostic comment
Morphology of erythrocytes, leucocytes and platelets	

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Haematology 09 – Bone Marrow Cytology

Haferlach / Gassmann

218

2 digital slides in a virtual microscope of bone marrow aspirate

Evaluation and diagnosis

No samples will be sent!

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	19.03.21	10.09.21

2 samples, control blood		participation according to Rili-BÄK: biannually
Lymphocyte-immunophenotyping – peripheral blood:		
B-Lymphocytes	CD4 pos. lymphocytes with CD3-expression (%)	
CD4 pos. lymphocytes with CD3-expression (/nl)	CD8 pos. lymphocytes with CD3-expression	
Leucocytes	Lymphocytes (in % of all leucocytes)	
NK-cells without CD3-expression	T-lymphocytes	
	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	09.07.21
Shipment	02.03.21	07.09.21
Deadline for receipt of data	12.03.21	17.09.21

2 samples, human whole blood				
Flow cytometric determination of CD34+ stem and progenitor cells and vitality measurements				
	Jan. (1)	Mar. (2)	July (4)	Sep. (5)
Deadline for registration / cancelation	20.11.20	08.01.21	07.05.21	09.07.21
Shipment	19.01.21	02.03.21	06.07.21	07.09.21
Deadline for receipt of data	29.01.21	12.03.21	16.07.21	17.09.21

Sample I and II: bone marrow or blood smears and leukaemia or lymphoma cells			
Immunophenotyping of leukamias/lymphomas			
Immunophenotyping of Hematologic Neoplasms			
	Mar. (2)	Sep. (5)	
Deadline for registration / cancelation	08.01.21	09.07.21	
Shipment	02.03.21	07.09.21	
Deadline for receipt of data	12.03.21	17.09.21	

2 samples, EDTA blood

GPI-deficient cells

Due to high demand 3 different sets of samples will be sent (No. 616 = No. 916 or No. 917).
The group number you receive will be set by INSTAND e.V. before each EQAS shipment.
All groups are equivalent!

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	04.05.21	05.10.21
Deadline for receipt of data	21.05.21	22.10.21

Haematology 14 – Immunophenotyping 03 (T, B and NK cells in cellular products)

2 samples, cellular products

For flow cytometric determination of T, B and NK cells in cellular products only

	May (3)	Oct. (6)
Deadline for registration / cancelation	12.03.21	13.08.21
Shipment	18.05.21	12.10.21
Deadline for receipt of data	28.05.21	22.10.21

Haematology 15 – Haemoglobinopathies

2 samples of whole blood

Hemoglobin analysis with evaluation and diagnosis

	June (3)	Nov. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	02.06.21	05.11.21

Haematology 16 – Free Haemoglobin

2 samples of erythrocytes preparation, lyophilised

Haemoglobin (free)

The samples are not suitable for methods based on photometric measurements of the oxyhaemoglobin peaks around 540 nm and/or 577 nm. The Harboe method (415 nm peak) is not affected.
The quantitative hemolysis index from automated chemistry analysers can also provide a suitable result.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Autoimmune Diseases

Autoimmune Diseases 01 – Connective Tissue Diseases (ANA)

Blüthner / Seelig

251

2 samples of 0.3 ml serum		participation according to Rili-BÄK: biannually	
Antibodies against cell nuclei (antinuclear antibodies)			
Autoantibodies against dsDNA Collagenosis Screening	Autoantibodies against nuclei (ANA) anti-DFS70 / LEDGF		
	Mar. (2)		Sep. (5)
Deadline for registration / cancelation	08.01.21		25.06.21
Shipment	03.03.21	25.08.21	
Deadline for receipt of data	19.03.21	10.09.21	

Autoimmune Diseases 02 – Hepatic Syndromes

Blüthner / Seelig

253

2 samples of 0.3 ml serum		
anti-Actin anti-Mitochondria	anti-H+/K+-ATPase anti-Parietal cells	anti-Microsomes (LKM 1) anti-smooth muscle
	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	19.03.21	10.09.21

Autoimmune Diseases 03 – Connective Tissue Diseases (ENA)

Blüthner / Seelig

255

2 samples of 0.3 ml serum		
Antibodies against ENA		
anti-Jo 1 (Histidyl-tRNA-Synthetase) anti-SS-A / Ro anti-SS-A / Ro (60 kD – proteins) anti-Sm anti-Topoisomerase-1 (Scl 70)	anti-PM / Scl anti-SS-A / Ro (52 kD – proteins) anti-SS-B / La anti-SmD anti-U1-snRNP	
		Sep. (5)
Deadline for registration / cancelation		25.06.21
Shipment		25.08.21
Deadline for receipt of data		10.09.21

2 samples of 0.3 ml serum		participation according to Rili-BÄK: biannually
Antibodies against neutrophilic granulocytes (ANCA)		
anti-MPO anti-glomerular basement membrane (GBM) p-ANCA	anti-PR3 c-ANCA	
	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	19.03.21	10.09.21

2 samples of 0.3 ml serum		
anti-Desmosomes anti-Desmoglein 1 anti-Hemidesmosomes	anti-BPAG 180 anti-Desmoglein 3	anti-BPAG 230 anti-Desmoplakin I / II
	Mar. (2)	
Deadline for registration / cancelation	08.01.21	
Shipment	03.03.21	
Deadline for receipt of data	19.03.21	

2 samples of 0.3 ml serum		
anti-Glutamic Acid Decarboxylase (GAD) anti-Islet cells (ICA) anti-Tyrosine Phosphatase (IA2)	anti-Insulin (IAA) anti-Islet cells – JDFU anti-Zinc Transporter 8 (ZnT8A)	
	Sep. (5)	
Deadline for registration / cancelation	25.06.21	
Shipment	25.08.21	
Deadline for receipt of data	10.09.21	

2 samples of 0.3 ml serum		
anti-P450 C17 – Hydroxylase anti-P450 ssc – Hydroxylase	anti-P450 C21 – Hydroxylase anti-adrenal cortex	
	Sep. (5)	
Deadline for registration / cancelation	25.06.21	
Shipment	25.08.21	
Deadline for receipt of data	10.09.21	

2 samples of 0.3 ml serum	
anti – Glia Cell Nuclear Antibody (AGNA) anti-HuD anti-Purkinje cells anti-SOX1 anti-Yo (CDR62)	anti-Amphiphysin 1 anti-Neuronal nuclei anti-Ri / Nova 1 anti-Ta (Ma 2)
Mar. (2)	
Deadline for registration / cancelation	08.01.21
Shipment	03.03.21
Deadline for receipt of data	19.03.21

2 samples of 0.3 ml serum	
anti-Asialoganglioside (AGA1) anti-Disialoganglioside (GD1b) anti-Monosialoganglioside (GM2) anti-Myelin-associated Glycoprotein (MAG) anti-Trisialoganglioside (GT1b)	anti-Disialoganglioside (GD1a) anti-Monosialoganglioside (GM1) anti-Monosialoganglioside (GM3) anti-Quadrosialoganglioside (GQ1b)
Mar. (2)	
Deadline for registration / cancelation	08.01.21
Shipment	03.03.21
Deadline for receipt of data	19.03.21

2 samples of 0.3 ml serum	
anti-Acetylcholin receptors anti-Musclespecific Receptor Tyrosinkinase (MuSK)	anti-Titin anti-skeletal muscle
Mar. (2)	
Deadline for registration / cancelation	08.01.21
Shipment	03.03.21
Deadline for receipt of data	19.03.21

2 samples of 0.3 ml serum	participation according to Rili-BÄK: biannually	
anti-Endomysium IgA anti-Gliadin IgG anti-deamidated Gliadin IgA	anti-Gliadin IgA anti-Transglutaminase IgA anti-deamidated Gliadin IgG	
Mar. (2)	Sep. (5)	
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	19.03.21	10.09.21

2 samples of 0.3 ml serum		participation according to Rili-BÄK: quarterly
Rheumatoid Factor, Rheumatoid Factor (isotypes) anti-MCV (mutated citrullinated Vimentin)	anti-CCP (cyclic citrulline peptide)	
Additional terms see EQA No. 323!		
	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	19.03.21	10.09.21

2 samples of 0.3 ml serum			
anti-Cardiolipin (IgA)	anti-Cardiolipin (IgG)	anti-Cardiolipin (IgM)	
anti-β2-Glycoprotein (IgA)	anti-β2-Glycoprotein (IgG)	anti-β2-Glycoprotein (IgM)	
Sep. (5)			
Deadline for registration / cancelation	25.06.21		
Shipment	25.08.21		
Deadline for receipt of data	10.09.21		

2 samples of 2.6 ml EDTA whole blood, not stabilized, overnight shipping			
Basophil activation by allergens			
	May (3)		Oct. (6)
Deadline for registration / cancelation	19.03.21		20.08.21
Shipment	19.05.21		20.10.21
Deadline for receipt of data	28.05.21	29.10.21	

IgG Subclasses

Schellenberg / Falck

244

2 samples of 1 ml, serum			
IgG1	IgG2	IgG3	IgG4
		May (3)	Oct. (6)
Deadline for registration / cancelation		05.03.21	06.08.21
Shipment		05.05.21	06.10.21
Deadline for receipt of data		21.05.21	22.10.21

Immunophenotyping 04 – Cellular Immunodeficiency Diagnostic

Sack / Boldt

651

EDTA whole blood, not stabilized, overnight shipping		
T, NK and B cell subpopulations including naive, memory, effector, activated, TH1/2 and Treg cells		
No shipping outside Germany possible!		
		May (3)
		Oct. (6)
Deadline for registration / cancelation		19.03.21
Shipment		19.05.21
Deadline for receipt of data		28.05.21

Interferon Gamma Release Assay (IGRA)

Sack / Boldt

650

Heparin whole blood, not stabilized, overnight shipping		
Interferon Gamma Release Assay (IGRA)		
No shipping outside Germany possible!		
Due to high demand two different sets of samples will be sent (Gr. 650 = Gr. 950).		
Please note: The EQAS is designed for participants who use a TB Elispot (e.g. T-SPOT®.TB) or a test with prestimulation in a tube (e.g. QuantiFeron®-TB Gold Plus).		
		May (3)
		Oct. (6)
Deadline for registration / cancelation		19.03.21
Shipment		19.05.21
Deadline for receipt of data		28.05.21

Immunohaematology 01

Wagner / Geisen

231

2 sets of samples: 1 set = 1 x 5 ml serum / 1 x 5 ml erythrocytes suspension

participation according to Rili-BÄK:
quarterly

A B O – Typing	Rh (D) Factor	A – Subtyping
Rh – Subtyping (without Cw)	Antibody Screening	Direct Antiglobulin Test
Kell antigen		

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Immunohaematology 02 (incl. Antibody Identification)

Wagner / Geisen

232

2 sets of samples: 1 set = 2 x 5 ml serum/1 x 5 ml erythrocytes suspension

participation according to Rili-BÄK:
quarterly

A B O – Typing	Rh (D) Factor	A – Subtyping
Rh – Subtyping (without Cw)	Antibody Screening	Direct Antiglobulin Test
Kell antigen	Antibody identification	AB quantitation

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Immunohaematology 03 – Platelet Immunology

Sachs / Bux / Kroll

233

3 samples of serum/plasma, 2 samples of DNA, 2 samples of platelet suspension

Platelet antibodies Platelet antigens

This EQA scheme is intended for laboratories which are able to detect platelet alloantibodies and antigens.

The EQA scheme No. 235 'Immunohaematology 06 – Molecular Diagnostic' was designed for laboratories which only want to carry out platelet antigen genotyping.

	Apr. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	02.04.21	24.09.21

3 samples of plasma, 2 samples of DNA

HNA/granulocyte antibodies

HNA/granulocyte (neutrophil) antigens

This EQA scheme includes all HNA specifications. It is dedicated to laboratories which are able to detect granulocyte alloantibodies and antigens.

The EQA scheme No. 235 'Immunohaematology 06 – Molecular Diagnostic' was designed for laboratories which only want to perform HNA genotyping. Because of the complicated preparation of the samples, INSTAND e.V. reserves the right to no longer supply laboratories with proficiency test samples, which have repeatedly not sent back any results.

	Apr. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	02.04.21	24.09.21

Immunohaematology 05 – Machine-Based Analysis

Wagner / Geisen

237

2 samples, anticoagulated whole blood (haematocrit 30%)

participation according to Rili-BÄK: quarterly

A B O – Typing
Rh – Subtyping (without Cw)
Kell antigen

Rh (D) Factor
Antibody Screening
Antibody identification

A – Subtyping
Direct Antiglobulin Test

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Immunohaematology 06 – Molecular Diagnostic

Bein / Flegel / Sachs

235

4 DNA samples

Red cells: ABO, MNS, RHD, RHD-Deletion, RHCE, LU, KEL, FY, JK, DI, YT, DO, CO, LW, KN, VEL
Platelets: HPA-1, 2, 3, 4, 5, 6, 9, 15
Granulocytes: HNA-1a, -1b, -1c; HNA-3, HNA-4, HNA-5

A list of the alleles necessary for successful participation can be found at:
www.instand-ev.de/mandatory-alleles

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Immunohaematology 07 – Machine-Based Analysis (incl. AB Quantitation)

Wagner / Geisen

238

2 samples, anticoagulated whole blood (haematocrit 30%), 2 samples of plasma

participation according to Rili-BÄK: quarterly

A B O – Typing
Rh – Subtyping (without Cw)
Kell antigen

Rh (D) Factor
Antibody Screening
Antibody identification

A – Subtyping
Direct Antiglobulin Test
AB quantitation

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Complement Analysis 01 – Auto-anti-C1q

Prohaszka / Kirschfink

245

2 samples of 100 µl serum

Auto-anti C1q (IgG) Auto-anti C1q (IgG) (qualitative)

Apr. (2)**Nov. (6)**

Deadline for registration / cancelation

08.01.21

06.08.21

Shipment

03.03.21

06.10.21

Deadline for receipt of data

02.04.21

05.11.21

Complement Analysis 02 – Functions and proteins

Prohaszka / Kirschfink

246

2 samples of 1 ml serum (lyophilised)

Alternative pathway

C1 inhibitor: activity

C1 inhibitor: proteine

C1q proteine

C3-Complement

C4-Complement

Classical pathway

Complement factor H

Complement factor I

Lectin pathway

Analysis of the total function of the 3 complement activation pathways (classical, alternative and lectin pathways) either by functional ELISA (WIELISA), by haemolytic (CH50, AH50) or by liposome-based assay (CH50). Participation with one parameter (e.g. CH50) is possible.

Apr. (2)**Nov. (6)**

Deadline for registration / cancelation

08.01.21

06.08.21

Shipment

03.03.21

06.10.21

Deadline for receipt of data

02.04.21

05.11.21

Complement Analysis 03 – Complement activation products

Prohaszka / Kirschfink

247

2 samples of 500 µl plasma (lyophilised)

C3a, C3d, Bb, sC5b-9

Nov. (6)

Deadline for registration / cancelation

06.08.21

Shipment

06.10.21

Deadline for receipt of data

05.11.21

2 samples of 150 µl serum		
C3-nephritic factor (qualitative)	C3-nephritic factor (quantitative)	
		Nov. (6)
Deadline for registration / cancelation		06.08.21
Shipment		06.10.21
Deadline for receipt of data		05.11.21

2 samples of 300 µl serum		
Auto-anti FH-(qualitative)	Auto-anti-FH (quantitative)	
Nov. (6)		
Deadline for registration / cancelation	06.08.21	
Shipment	06.10.21	
Deadline for receipt of data	05.11.21	

2 samples of 100 µl serum		
Auto-anti-C1 inhibitor IgA (qualitative)	Auto-anti-C1 inhibitor IgA (quantitative)	
Auto-anti-C1 inhibitor IgG (qualitative)	Auto-anti-C1 inhibitor IgG (quantitative)	
Auto-anti-C1 inhibitor IgM (qualitative)	Auto-anti-C1 inhibitor IgM (quantitative)	
Nov. (6)		
Deadline for registration / cancelation	06.08.21	
Shipment	06.10.21	
Deadline for receipt of data	05.11.21	

ACE (Angiotensin-Converting-Enzyme)

Durner / N.N.

630

2 samples of 0.5 ml serum, liquid, stabilized

ACE

	Mar. (2)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	30.04.21	06.08.21
Shipment	03.03.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	16.07.21	22.10.21

Amino Acid Analysis

N.N. / Schadewaldt

710

2 samples of 1 ml, plasma, lyophilised

4-Hydroxyproline (free)	Alanine	Arginine
Argininosuccinic acid	Asparagine	Aspartic acid
Citrulline	Cystathionine	Cysteine-Homocysteine-disulfide
Cystine	Glutamic acid	Glutamine
Glycine	Histidine	Interpretation of results
Isoleucine	Leucine	Lysine
Methionine	Ornithine	Phenylalanine
Phosphoethanolamine	Proline	Sarcosine
Serine	Taurine	Threonine
Tryptophan	Tyrosine	Valine
allo-Isoleucine	alpha-Aminoadipic acid	b-Alanine

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Ammonia

Falck / Nauck

118

2 samples of 1 ml, liquid controls

Ammonia

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

2 samples of plasma			
3-Methoxytyramine Metanephrines Serotonin	Dopamine Norepinephrine	Epinephrine Normetanephrine	
	Mar. (2)	Sep. (5)	
Deadline for registration / cancelation	08.01.21	25.06.21	
Shipment	03.03.21	25.08.21	
Deadline for receipt of data	19.03.21	10.09.21	

2 samples of serum, lyophilised								
Asialotransferrin Disialotransferrin	Carbohydrate-deficient transferrin+Asialotransferrin							
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)			
Deadline for registration / cancelation		08.01.21	05.03.21	25.06.21	06.08.21			
Shipment		03.03.21	05.05.21	25.08.21	06.10.21			
Deadline for receipt of data		19.03.21	21.05.21	10.09.21	22.10.21			

Myocardial Markers

Baum / Peetz

760

2 samples of 2 ml serum / plasma, lyophilised

participation according to Rili-BÄK:
quarterly

CK-MB (activity)	CK-MB (mass)	CK-MB (qualitative)
Myoglobin	Myoglobin (qualitative)	NT-pro BNP
Troponin I	Troponin I (qualitative)	Troponin T
Troponin T (qualitative)		

Please note that this EQA scheme is not suitable for methods that require whole blood.

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Myocardial Markers BNP

Baum / Peetz

761

2 samples serum / plasma, lyophilised

BNP

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Ethanol

Schellenberg / Falck

700

2 samples of 2 ml, serum or plasma							participation according to Rili-BÄK: quarterly
Ethanol							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Serum Proteins/Electrophoresis

Niederau / Schellenberg

141

2 samples of 5 ml serum, lyophilised							participation according to Rili-BÄK: quarterly
Albumin a1-Globulins gamma-Globulins	Albumin (electrophoresis) a2-Globulins		Protein beta-Globulins				
Participants using the method "Capillary Zone Electrophoresis" please order program 102 – Capillary Zone Electrophoresis							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Faecal Diagnostics 01

Durner / Spannagl

130

2 fecal samples of 0.5-1 ml, lyophilised

Calprotectin

Calprotectin (qualitative)

Fecal elastase

Fecal elastase (qualitative)

Mar. (2)**July (4)****Oct. (6)**

Deadline for registration / cancelation

08.01.21

30.04.21

06.08.21

Shipment

03.03.21

30.06.21

06.10.21

Deadline for receipt of data

19.03.21

16.07.21

22.10.21

Faecal Diagnostics 02

Durner / Spannagl

131

2 fecal samples of 0.5-1 ml, lyophilised

Haemoglobin

Haemoglobin (qualitative)

Hemoglobin-Haptoglobin-complex

Hemoglobin-Haptoglobin-complex (qualitative)

Mar. (2)**Oct. (6)**

Deadline for registration / cancelation

08.01.21

06.08.21

Shipment

03.03.21

06.10.21

Deadline for receipt of data

19.03.21

22.10.21

Fructosamine

Niederau / Kaiser

146

2 samples of serum, lyophilised					
Fructosamine					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21	
Shipment	13.01.21	05.05.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21	

Gammopathies

Peetz / Niederau

243

2 samples of 1 ml, plasma					
Free light chains type kappa (quantitative) Gammopathies IgG kappa/lambda (ratio)		Free light chains type lambda (quantitative) IgA IgM			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

Glucose – Conventional Analysis

Niederau / Falck

111

2 samples of 5 ml serum, lyophilised							participation according to Rili-BÄK: quarterly
Glucose							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Haemostasis 01 – PT, INR, aPTT

Spannagl / Dick

221

2 samples of 1 ml plasma, lyophilised

**participation according to Rili-BÄK:
quarterly**

Global test I: **Prothrombintime (PTZ, Quick), PT, INR, aPTT**

No. 221 is only for measuring in plasma samples. For measurements of whole blood in POCT systems, please register for No. 286!

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Haemostasis 02 – FIB, TZ, FSP

Spannagl / Dick

222

2 samples of 1 ml plasma, lyophilised

Global test II: TZ, FIB, FSP screening FSP screening, using batroxobin time or heparin-independent thrombin time

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Haemostasis 03 – Factor II, V, VII,X

Spannagl / Dick

223

2 samples of 1 ml plasma, lyophilised

Single factors A (via PT): factor II, factor V, factor VII, factor X

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Haemostasis 04 – Factor IX, XI, XII, XIII

Spannagl / Dick

224

2 samples of 1 ml plasma, lyophilised

Single factors B (via APTT, etc.): factor IX, factor XI, factor XII, factor XIII

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

2 samples of 1 ml plasma, lyophilised

Inhibitors (AT, PC, PS)

Antithrombin
Free Protein S funct. (act.)C1-Inhibitor
Protein S totalFree Protein S immun. (conc.)
Total Protein C

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Haemostasis 06 – D-Dimer

2 samples of 0.5 ml or 1 ml plasma, lyophilised

D-Dimer (qualitative)

D-Dimer (quantitative)

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Haemostasis 07 – Factor VIII, WF

2 samples of 1 ml plasma, lyophilised

Factor VIII akt.
Willebrand fact. RiCofWillebrand fact. Ag
Willebrand fact. activity

Willebrand fact. CBA

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

1 sample of plasma, lyophilised

Lupus anticoagulant

No shipping outside Germany possible!

Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

Only annual subscription possible! A annual subscription fee is mandatory for each participant.

Please note: Cancellation of the order will not be possible with the end of the registration date!

EQA results can only be submitted online!

This EQAS will be carried out on four dates with sample dispatch on March 09th, 2021, May 25th 2021, August 24th, 2021 and November 2th, 2021. The deadline for registration ends on November 20th 2020.

Haemostasis 10 – Argatroban

2 samples of 1 ml plasma, lyophilised

Argatroban

Thrombin Time

aPTT

Jan. (1)

May (3)

Sep. (5)

Oct. (6)

Deadline for registration / cancelation

20.11.20

05.03.21

25.06.21

06.08.21

Shipment

13.01.21

05.05.21

25.08.21

06.10.21

Deadline for receipt of data

29.01.21

21.05.21

10.09.21

22.10.21

2 samples of plasma, lyophilised

Factor VIII Inhibitor

No shipping outside Germany possible!

Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

Only annual subscription possible! A annual subscription fee is mandatory for each participant.

Please note: Cancellation of the order will not be possible with the end of the registration date!

EQA results can only be submitted online!

This EQAS will be carried out on two dates with sample dispatch on May 25th, 2021 and November 2th, 2021. The deadline for registration ends on November 20th 2020.

Haemostasis 12 – UF Heparin

2 samples of 1 ml plasma, lyophilised

Thrombin Time

UF Heparin

aPTT

Jan. (1)

May (3)

Sep. (5)

Oct. (6)

Deadline for registration / cancellation 20.11.20

05.03.21

25.06.21

06.08.21

Shipment 13.01.21

05.05.21

25.08.21

06.10.21

Deadline for receipt of data 29.01.21

21.05.21

10.09.21

22.10.21

Haemostasis 13 – LMW Heparin

2 samples of 1 ml plasma, lyophilised

LMW Heparin

Jan. (1)

May (3)

Sep. (5)

Oct. (6)

Deadline for registration / cancellation 20.11.20

05.03.21

25.06.21

06.08.21

Shipment 13.01.21

05.05.21

25.08.21

06.10.21

Deadline for receipt of data 29.01.21

21.05.21

10.09.21

22.10.21

2 samples of 1 ml plasma, lyophilised

Orgaran

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

2 samples of 1 ml plasma, lyophilised

Extrinsic: A20 [mm] Extrinsic: CT[s] r[min] Intrinsic: A20 [mm]
 Intrinsic: CT[s] r[min]

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

2 samples of 1 ml plasma, lyophilised

participation according to Rili-BÄK: quarterly

Antithrombin D-Dimer (quantitative) Fibrinogen
 Prothrombintime (PT, INR) Prothrombintime (PT, Quick)
 aPTT Thrombin Time

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

2 samples of whole blood

participation according to Rili-BÄK: quarterly

Due to different detection techniques that are applied, not every sample material can be guaranteed to be suitable for every POCT machine. The machines microINR by Axon Lab as well as Xprecia Stride by Siemens are not suitable for this EQAS!

ACT Prothrombintime (PT, INR) Prothrombintime (PT, Quick)
 aPTT

	Jan. (1)	May (3)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	20.11.20	12.03.21	09.07.21	03.09.21
Shipment	19.01.21	18.05.21	07.09.21	02.11.21
Deadline for receipt of data	21.01.21	20.05.21	09.09.21	04.11.21

2 samples of plasma, lyophilised

Different quantity on detection of antibodies or functional test.

No shipping outside Germany possible!

Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

Only annual subscription possible! A annual subscription fee is mandatory for each participant.

Please note: Cancellation of the order will not be possible with the end of the registration date!

EQA results can only be submitted online!

This EQAS will be carried out on one date with sample dispatch on August 24th, 2021. The deadline for registration ends on November 20th 2020.

Haemostasis 20 – Functional APC Resistance

2 samples of 1 ml plasma, lyophilised

Functional APC resistance

APC resistance Diagnostic comments

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancellation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Haemostasis 21 – Fondaparinux

2 samples of 1 ml plasma, lyophilised

Fondaparinux

	May (3)	Oct. (6)
Deadline for registration / cancellation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

2 samples of 1 ml plasma, lyophilised		
Dabigatran		
	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

2 samples of 1 ml plasma, lyophilised		
Rivaroxaban		
	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

3 samples of plasma or serum, lyophilised	
Thrombin generation test	
No shipping outside Germany possible!	
Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!	
Only annual subscription possible! A annual subscription fee is mandatory for each participant.	
Please note: Cancellation of the order will not be possible with the end of the registration date!	
EQA results can only be submitted online!	
This EQAS will be carried out on two dates with sample dispatch on May 25th, 2021 and November 2th, 2021. The deadline for registration ends on November 20th 2020.	

2 samples of 1 ml plasma, lyophilised

Apixaban

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Haemostasis 26 – ADAMTS13-I (Activity/Antigen)

Spannagl / Dick

510

2 samples of plasma, lyophilised

ADAMTS13 (activity and antigen)

No shipping outside Germany possible!

Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

Only annual subscription possible! A annual subscription fee is mandatory for each participant.

Please note: Cancellation of the order will not be possible with the end of the registration date!

This EQAS will be carried out on four dates with sample dispatch on March 9th, 2021, May 25th, 2021, August 24th, 2021 and November 2th 2021. The deadline for registration ends on November 20th 2020.

Haemostasis 27 – ADAMTS13-II (Antibodies)

Spannagl / Dick

511

2 samples of plasma, lyophilised

ADAMTS13 (Antibodies)

No shipping outside Germany possible!

Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

Only annual subscription possible! A annual subscription fee is mandatory for each participant.

Please note: Cancellation of the order will not be possible with the end of the registration date!

This EQAS will be carried out on two dates with sample dispatch on May 25th, 2021 and November 2th, 2021. The deadline for registration ends on November 20th 2020.

Haemostasis 28 – Bleeding Disorder Case Study

Spannagl / Dick

512

In cooperation with ECAT, Voorschoten, Netherlands. Only available in German! International version available at www.ecat.nl

Haemostasis 29 – DNA for EQAS 512 (optional)

Spannagl / Dick

513

In cooperation with ECAT, Voorschoten, Netherlands. Only available in German! International version available at www.ecat.nl

Haemostasis 30 – Factor IX Inhibitor

Spannagl / Dick

514

2 samples of plasma, lyophilised

Factor IX Inhibitor

No shipping outside Germany possible!

Samples and evaluation by ECAT, Voorschoten, Netherlands. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

Only annual subscription possible! A annual subscription fee is mandatory for each participant.

Please note: Cancellation of the order will not be possible with the end of the registration date!

This EQAS will be carried out on two dates with sample dispatch on March 09th, 2021 and August 24th, 2021. The deadline for registration ends on November 20th 2020.

Haemostasis 31 – ROTEM Sigma

Spannagl / Dick

509

2 x 3 samples of 1 ml plasma, lyophilised

Extrinsic: A20 [mm] Extrinsic: CT[s] r[min] Intrinsic: A20 [mm]
Intrinsic: CT[s] r[min]

Participation only for device Rotem Sigma!

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancellation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

2 samples of 1 ml plasma, lyophilised			
Edoxaban			
	May (3)		Oct. (6)
Deadline for registration / cancelation	05.03.21		06.08.21
Shipment	05.05.21		06.10.21
Deadline for receipt of data	21.05.21	22.10.21	

2 samples of 1 ml plasma, lyophilised					New in our EQA Program 2021
Emicizumab					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21	
Shipment	13.01.21	05.05.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21	

HbA1c

Kaiser / Kramer

145

2 samples of EDTA whole blood, 0.3 ml (not stabilized)

participation according to Rili-BÄK:
quarterly

HbA1c

The samples must be measured within 2 days of receipt!

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	12.03.21	07.05.21	16.07.21	27.08.21
Shipment	19.01.21	23.03.21	18.05.21	06.07.21	14.09.21	26.10.21
Deadline for receipt of data	22.01.21	26.03.21	21.05.21	09.07.21	17.09.21	29.10.21

Urinary Stone Analyses

Neubeck / Reuner

500

2 samples of pulverized material

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Adrenal Gland/Pituitary

Luppa / Schneider

298

2 samples of 3 or 5 ml serum / plasma, lyophilised

1-39 ACTH
HGHDHEA
Prolactin (3. IS)

DHEA-S

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21
Shipment	03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21

Aldosterone

Luppa / Schneider

304

2 samples of serum

Aldosterone

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Calcium Metabolism / Special Thyroid

Durner / Luppa

301

2 samples of 3 ml serum, lyophilised

1-84 PTH

Calcitonin

Thyreoglobulin

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Fertility

Maly / Lutz

297

2 samples of 3 ml serum / plasma, lyophilised

FSH

LH

anti-Mullerian hormone

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21
Shipment	03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21

participation according to Rili-BÄK:
quarterly

Gravidity – 1st Trimester Screening

Maly / Lutz

305

2 samples of serum / plasma					participation according to Rili-BÄK: quarterly
Free beta-chain hCG PAPP-A					
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21	
Shipment	03.03.21	05.05.21	25.08.21	06.10.21	
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21	

Gravidity – 2nd Trimester Screening

Maly / Lutz

306

2 samples of serum / plasma					participation according to Rili-BÄK: quarterly
AFP	hCG intact	hCG intact +beta-hCG free			
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21	
Shipment	03.03.21	05.05.21	25.08.21	06.10.21	
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21	

Hematopoietic Growth Factors

Wenzel / Geisen

626

2 samples of 1 ml serum, lyophilised			
Erythropoietin	Thrombopoietin		
	May (3)		Oct. (6)
Deadline for registration / cancelation	05.03.21		06.08.21
Shipment	05.05.21		06.10.21
Deadline for receipt of data	21.05.21	22.10.21	

Pancreas/Gastrointestinal Tract

Durner / Lupp

300

2 samples of 3 ml serum / plasma, lyophilised					
C-Peptide	Gastrin	Glucagon	Insulin	Pro-insuline	
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

2 samples of 1 ml serum, lyophilised			
PLGF (placental growth factor)		sFLT-1 (soluble fms-like tyrosine kinase-1)	
	May (3)	Oct. (6)	
Deadline for registration / cancelation	05.03.21	06.08.21	
Shipment	05.05.21	06.10.21	
Deadline for receipt of data	21.05.21	22.10.21	

2 samples of 5 ml serum, lyophilised							participation according to Rili-BÄK: quarterly
17-beta-Estradiol T3 total (triiodothyronine) Testosterone	Cortisol T4 total (thyroxine) free T3 (f-triiodothyronine)	Progesterone TSH free T4 (f-thyroxine)					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

2 samples of 1 ml of serum / plasma, lyophilised					
TRAK/THYBIA anti-tyreoglobulin	anti-TPO	anti-mikrosomen			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

2 samples of 5 ml of serum / plasma, lyophilised

T3 total (triiodothyronine)
free T3 (f-triiodothyronine)T4 total (thyroxine)
free T4 (f-thyroxine)

TSH

participation according to Rili-BÄK:
quarterly

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

2 samples of serum / plasma

17-Hydroxyprogesterone

Androstendion

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21
Shipment	03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21

Capillary Zone Electrophoresis

Niederau / Schellenberg

102

2 samples of serum (liquid)						
Albumin (electrophoresis) beta-Globulins	a1-Globulins gamma-Globulins	a2-Globulins				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Clinical Chemistry – Conventional Analysis

Falck / Niederau

100

2 samples of 5 ml serum, lyophilised							participation according to Rili-BÄK: quarterly
AP	Acid phosphatase	Albumin					
Albumin (electrophoresis)	Aldolase	Bilirubin					
Bilirubin conj.	CHE	CK					
Calcium	Chloride	Cholesterol					
Copper	Creatinine	GGT					
GLDH	GOT	GPT					
Glucose	HBDH	IgA					
IgG	IgM	Iron					
Iron binding capacity	LDH	Lactate					
Lipase	Lithium	Magnesium					
Osmolality	Pancreas amylase	Phosphate					
Potassium	Prostatic acid Posphatase	Protein					
Sodium	Transferrine	Triglycerides					
Urea	Uric Acid	alpha-Amylase					
gamma-Globulins							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Lipids/Lipoproteins

Niederau / N.N.

151

2 samples serum / plasma, lyophilised							participation according to Rili-BÄK: quarterly
Apolipoprotein A1 HDL-cholesterol Phospholipids	Apolipoprotein B Homocystein Triglycerides	Apolipoprotein E LDL-cholesterol		Cholesterol Lp (a)			
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Cerebrospinal Fluid Analysis 01 – Protein Analysis

Uhr / Zimmermann / Reiber

460

2 sets = CSF + serum of 1 ml

participation according to Rili-BÄK:
quarterly

(Evaluation of CSF/serum quotients in diagrams and age-related interpretation)

Albumin	Albumin – CSF	IgA
IgA – CSF	IgG	IgG – CSF
IgM	IgM – CSF	Protein – CSF

Sample volumes in the CSF proficiency tests (No. 460-466) are limited as it is difficult to acquire large volumes of CSF.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Cerebrospinal Fluid Analysis 02 – Oligoclonal IgG

Uhr / Zimmermann / Reiber

462

1 set of samples, CSF + serum of 150 µl

participation according to Rili-BÄK:
biannually

(paired analysis of samples and interpretation)

Interpretation of the report Oligoclonal IgG

The acquisition of samples is demanding, as it is not possible to use pooled CSF, i.e. the samples are from individual patients (catheter, drainage, etc.).

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Cerebrospinal Fluid Analysis 03 – MRZ Reaction

Uhr / Zimmermann / Reiber

463

1 set of samples, CSF + serum à 1 ml

Antibodies against Measles viruses, Rubella viruses, Varicella zoster viruses, Herpes simplex viruses (1+2). Analysis of virus-specific antibodies in CSF and serum for detection of specific antibody response in central nervous system (MRZ reaction).

Detection of titers is not suitable. Evaluation as antibody index and interpretation of combined data.

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

2 samples of 0.5 ml

participation according to Rili-BÄK:
quarterly

Glucose – CSF

Glucose quotient – diagnostic comment

Lactate

Glucose quotient (CSF/Serum)

Interpretation of the report

Lactate – diagnostic comment

Calculation of the CSF/serum ratio of glucose. Interpretation with respect to the reference range.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Cerebrospinal Fluid Analysis 05 – Neuroborreliosis

Zimmermann / Uhr

465

1 set of samples, CSF + serum

Borrelia IgG Antibody Index (AI) calculation

Interpretation of the report

Detection of titers is not suitable. Calculation of antibody index and interpretation.

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Cerebrospinal Fluid Analysis 06 – Dementia Markers

Uhr / Zerr / Reiber

466

1 CSF sample of 1 ml

Amyloid β Peptid 40 (A β 40)Amyloid β Peptid 42 (A β 42)Amyloid β Peptid Ratio (A β 42/40)

PhosphoTau Protein (pTau)

Total Tau Protein (Tau)

Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Neonatal Bilirubin

Niederau / Falck

110

2 samples serum of 2 ml, lyophilised

participation according to Rili-BÄK:
quarterly

Neonatal Bilirubin

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Newborn screening

Hallbach / Spannagl

785

filter papers, each with 2 dried blood spots

participation according to Rili-BÄK:
quarterly

17-Hydroxyprogesterone IRT PAP TSH

No shipping outside Germany possible!

Samples and evaluation by Reference Institute for Bioanalytics, Bonn.

An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

	Feb. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	21.12.20	01.03.21	07.06.21	23.08.21
Shipment	01.02.21	12.04.21	05.07.21	20.09.21
Deadline for receipt of data	20.02.21	01.05.21	24.07.21	09.10.21

Antiarrhythmics – Amiodaron

Steimer / Schneider

190

2 samples of 3 ml serum, lyophilised

Amiodarone

Desethylamiodarone

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Antibacterials 01 – Teicoplanin

Steimer / Schneider

193

2 samples of 2 ml serum, lyophilised

Teicoplanin

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Antibacterials 02

Schneider / Steimer

890

2 samples of 2 ml serum, lyophilised

Ampicillin

Cefepime

Ceftazidime

Linezolid

Meropenem

Piperacilline

Sulbactam

Tazobactam

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Anticonvulsants 01

Steimer / Schneider

191

2 samples of 3 ml serum, lyophilised

Lamotrigine

Levetiracetam

Sulthiame

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Anticonvulsants 02

Steimer / Schneider

192

2 samples of 3 ml serum, lyophilised

10-OH-Carbamazepine	Carbamazepine-epoxide	N-Desmethylnethsuximide		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Anticonvulsants 03

Steimer / Schneider

871

2 samples of 2.5 ml serum, lyophilised

Eslicarbazepine	Felbamate	Lacosamide	Rufinamide	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Anticonvulsants 04

Steimer / Schneider

872

2 samples of 2.5 ml serum, lyophilised

Gabapentin Vigabatrin	Pregabalin Zonisamide	Tiagabine	Topiramate	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Antifungals / Chloramphenicol

Steimer / Schneider

198

2 samples of 5 ml serum, lyophilised (+ 2 samples of 3 ml antibiotics)

Chloramphenicol Posaconazole	Fluconazole Voriconazole	Flucytosine		
		May (3)	Oct. (6)	
Deadline for registration / cancelation		05.03.21	06.08.21	
Shipment		05.05.21	06.10.21	
Deadline for receipt of data		21.05.21	22.10.21	

2 samples serum / plasma, lyophilised						
Hydroxy-Itraconazole	Itraconazole	Mycophenolic acid				
	Mar. (2)	Oct. (6)				
Deadline for registration / cancelation	08.01.21	06.08.21				
Shipment	03.03.21	06.10.21				
Deadline for receipt of data	19.03.21	22.10.21				

Antipsychotic Drugs 01

Steimer / Schneider

200

2 samples of 2 ml serum, lyophilised						
Clozapine	N-Desmethylozapine					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Antipsychotic Drugs 02

Steimer / Schneider

873

2 samples of 2.5 ml serum, lyophilised						
Amisulpride Levomopromazine Sertraline	Desmethyl sertraline Pipamperone Ziprasidone	Fluvoxamine Reboxetine				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Antipsychotic Drugs 03

Steimer / Schneider

874

2 samples of 2.5 ml serum, lyophilised						
Desmethyl fluoxetine	Fluoxetine	Mianserine	Perazine			
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

2 samples of 2.5 ml serum, lyophilised

Chlorprotixene

Desmethyl olanzapine

Olanzapine

Paroxetine

Jan. (1)

Mar. (2)

May (3)

July (4)

Sep. (5)

Oct. (6)

Deadline for registration / cancelation

20.11.20

08.01.21

05.03.21

30.04.21

25.06.21

06.08.21

Shipment

13.01.21

03.03.21

05.05.21

30.06.21

25.08.21

06.10.21

Deadline for receipt of data

29.01.21

19.03.21

21.05.21

16.07.21

10.09.21

22.10.21

Antivirals

Schneider / Steimer

850

2 samples of 1 – 3 ml, serum, lyophilised

We will inform you in time about the current parameters for the determination from the list below.

Atazanavir

Darunavir

Dolutegravir

Efavirenz

Elvitegravir

Etravirine

Lopinavir

Maraviroc

Nevirapine

Raltegravir

Ribavirine

Rilpivirin

Ritonavir

Mar. (2)

May (3)

Sep. (5)

Oct. (6)

Deadline for registration / cancelation

08.01.21

05.03.21

25.06.21

06.08.21

Shipment

03.03.21

05.05.21

25.08.21

06.10.21

Deadline for receipt of data

19.03.21

21.05.21

10.09.21

22.10.21

Benzodiazepines 01

Steimer / Schneider

876

2 samples of 2.5 ml serum, lyophilised

Alprazolam

Chlordiazepoxide

Desalkylflurazepam

Diazepam

Nordiazepam

Oxazepam

Trazodone

Jan. (1)

May (3)

Sep. (5)

Oct. (6)

Deadline for registration / cancelation

20.11.20

05.03.21

25.06.21

06.08.21

Shipment

13.01.21

05.05.21

25.08.21

06.10.21

Deadline for receipt of data

29.01.21

21.05.21

10.09.21

22.10.21

Benzodiazepines 02

Steimer / Schneider

877

2 samples of 2.5 ml serum, lyophilised

Clonazepam

Flunitrazepam

Flurazepam

Nitrazepam

Temazepam

Jan. (1)

May (3)

Sep. (5)

Oct. (6)

Deadline for registration / cancelation

20.11.20

05.03.21

25.06.21

06.08.21

Shipment

13.01.21

05.05.21

25.08.21

06.10.21

Deadline for receipt of data

29.01.21

21.05.21

10.09.21

22.10.21

2 samples of 2.5 ml serum, lyophilised				
Bromazepam	Clobazam (Clobazepam)		Lorazepam	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

4 samples of whole blood, lyophilised.				
Cyclosporine A	Everolimus	Sirolimus	Tacrolimus	
	Mar. (2)		Oct. (6)	
Deadline for registration / cancelation	08.01.21		06.08.21	
Shipment	03.03.21		06.10.21	
Deadline for receipt of data	19.03.21		22.10.21	

4 samples of 1 ml serum, lyophilised				
Paracetamol	Salicylic acid			
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

2 samples of 2.5 ml serum, lyophilised				
Atomoxetine	Methylphenidate	Ritalinic acid		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Psychotherapeutic Drugs 01

Haen / Ridders

860

2 samples of 5 ml serum				
10-OH-Carbamazepine O-Desmethylvenlafaxine	Aripiprazole Perazine	Citalopram Quetiapine	Lamotrigine Venlafaxine	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Psychotherapeutic Drugs 02

Haen / Ridders

861

2 samples of 5 ml serum				
Amisulpride O-Desmethylvenlafaxine	Escitalopram Quetiapine	Mirtazapine Venlafaxine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Psychotherapeutic Drugs 03

Haen / Ridders

862

2 samples of 5 ml serum				
9-OH-Risperidone / Paliperidone Haloperidol Quetiapine	Clozapine N-Desmethylozapine Risperidone	Duloxetine Olanzapine Ziprasidone		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Psychotherapeutic Drugs 04

Haen / Ridders

863

2 samples of 5 ml serum				
Amitriptyline Desipramine Maprotiline Nordoxepin	Clomipramine Doxepin N-Desmethylozapine Nortriptyline	Clozapine Imipramine Norclomipramine Trimipramine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

2 samples of 2.5 ml serum, lyophilised

Caffeine

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Therapeutic drug monitoring 01 – Antiepileptic drugs, Digoxin, Lithium, etc.

Steimer / Schneider / Kaiser

195

2 samples of 5 ml serum, lyophilised

participation according to Rili-BÄK:
quarterly

Carbamacepine Phenobarbital Valproic Acid	Digoxin Phenytoin	Ethosuximid Primidon	Lithium Theophylline			
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Therapeutic drug monitoring 02 – Antibiotics, Digitoxin, MTX

Steimer / Schneider / Kaiser

197

2 samples of 5 ml serum, lyophilised

participation according to Rili-BÄK:
quarterly

Amicacin Tobramycin	Digitoxin Vancomycin	Gentamicin	Methotrexate			
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Tri-/Tetracyclic Antidepressants 03 – Quantitative in Serum

Steimer / Schneider

202

2 samples of 2,5 ml serum, lyophilised

Desipramine Normaproptiline	Imipramine Tricyclic Antidepressants – Screen	Maproptiline		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

2 samples of 2,5 ml serum, lyophilised				
Amitriptyline Nortriptyline	Clomipramine Tricyclic Antidepressants – Screen		Norclomipramine	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

2 samples of 2,5 ml serum, lyophilised				
Doxepin Tricyclic Antidepressants – Screen	Nordoxepin Trimipramine		Nortrimipramine	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

2 samples of 2,5 ml serum, lyophilised							participation according to Rili-BÄK: quarterly
May contain the following substances:							
Amitriptyline	Clomipramine						
Desipramine	Doxepin						
Imipramine	Norclomipramine						
Nordoxepin	Nortrimipramine						
Nortriptyline	Tricyclic Antidepressants (qualitative)- Screening						
Trimipramine							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

2 samples of 5 ml urine, lyophilised							participation according to Rili-BÄK: quarterly
May contain the following substances:							
Amitriptyline	Clomipramine						
Desipramine	Doxepin						
Imipramine	Norclomipramine						
Nordoxepin	Nortrimipramine						
Nortriptyline	Tricyclic Antidepressants (qualitative)- Screening						
Trimipramine							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Photometer Controls

Kaiser / Kramer

181

2 samples of potassium picrate solution

Wavelengths 334, 340, 365, 405 and 436 nm

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Infection Serology – C-Reactive Protein

Hunfeld / N.N.

322

2 samples of 0.4 ml, serum

participation according to Rili-BÄK:
quarterly

C-Reactive Protein (quantitative)

C-reactive protein (qualitative)

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	25.06.21	06.08.21
Shipment	13.01.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	10.09.21	22.10.21

Plasmaproteins 01

Schellenberg / Falck

241

2 samples of 1 ml, plasma

participation according to Rili-BÄK:
quarterly

C-Reactive Protein (quantitative)

C3-Complement

C4-Complement

Coeruloplasmin

Ferritin

Haptoglobin

Hemopexin

IGE

IgA

IgG

IgM

Transferrine

a1-Antitrypsine

a1-Glycoprotein

a2-Makroglobulin

sTfR

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Plasmaproteins 02 – Cystatin-C

Schellenberg / Falck

242

2 samples, serum

Cystatin-C

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Plasmaproteins 03 – hsCRP

Schellenberg / Falck

240

2 samples, serum

hsCRP

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Blood Gas Analysis

Luppa / Schneider

161

2 samples of 2.5 ml, liquid controls

participation according to Rili-BÄK:
quarterlyChloride
Magnesium
ionized CalciumCreatinine
Potassium
pCO₂Glucose
Sodium
pHLactate
Urea
pO₂

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Blood Gas Analysis – Haemoglobin

Dorn-Beineke / Nebe

162

2 samples of 2.5 ml, liquid controls

participation according to Rili-BÄK:
quarterly

Fraction CO-Hb

Fraction Met-Hb

Fraction O₂-Hb

Haemoglobin

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Blood Gas Analysis OPTI Systems

Luppa / Schneider

163

2 samples of 1.7 ml, liquid controls

participation according to Rili-BÄK:
quarterlyChloride
Potassium
ionized Calcium
pO₂Haemoglobin
Sodium
pCO₂
sO₂Lactate
Urea
pH

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Dry Chemistry 01 – POCT: Glucose

Petersmann / Nauck

800

2 samples of plasma or whole blood

participation according to Rili-BÄK:
quarterly

Glucose

Point of Care Testing Systems

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

2 samples of serum, lyophilised				participation according to Rili-BÄK: quarterly	
AP	Albumin	Bilirubin	Bilirubin conj.		
CK	Calcium	Chloride	Cholesterol		
Creatinine	GGT	GOT	GPT		
Glucose	HDL-cholesterol	LDH	LDL-cholesterol		
Lactate	Magnesium	Phosphate	Potassium		
Protein	Sodium	Triglycerides	Urea		
Uric Acid	VLDL-cholesterol	alpha-Amylase	tCO2		
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation		08.01.21	05.03.21	25.06.21	06.08.21
Shipment		03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data		19.03.21	21.05.21	10.09.21	22.10.21

2 samples of serum, plasma, lyophilised							participation according to Rili-BÄK: quarterly
AP	Bilirubin	CK	Cholesterol				
Creatinine	GGT	GOT	GPT				
Glucose	HDL-cholesterol	Pancreas amylase	Potassium				
Triglycerides	Urea	Uric Acid	alpha-Amylase				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Trace Elements 02 (Plasma)

Kaiser / Kramer

206

2 samples of 5 ml, plasma, lyophilised			
Aluminium	Arsenic	Cadmium	
Chromium	Cobalt	Copper	
Fluoride	Gold	Iodine	
Iron	Manganese	Nickel	
Platin	Selenium	Zinc	
	Mar. (2)	Oct. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	26.03.21	29.10.21	

Trace Elements 03 (Serum)

Kaiser / Kramer

207

2 samples of 5 ml, serum, lyophilised			
Antimon	Beryllium	Bismuth	Molybdaen
Tin	Vanadium		
	Mar. (2)	Oct. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	26.03.21	29.10.21	

Trace Elements 04 (Whole Blood)

Kaiser / Kramer

208

2 samples of 5 ml whole blood, lyophilised			
Antimon	Arsenic	Cadmium	
Chromium	Cobalt	Lead	
Magnesium	Manganese	Mercury	
Nickel	Selenium	Zinc	
	Mar. (2)	Oct. (6)	
Deadline for registration / cancelation	08.01.21	06.08.21	
Shipment	03.03.21	06.10.21	
Deadline for receipt of data	26.03.21	29.10.21	

Tumor Markers

Holdenrieder / Peetz

292

2 samples of serum			participation according to Rili-BÄK: quarterly				
AFP	CA 125	CA 15-3					
CA 19-9	CA 72-4	CEA					
CYFRA 21-1	HE4	HER2/new					
NSE	PSA, free	PSA, total					
ROMA-Score	S100	SCC					
TPA	TPS	Thyreoglobulin					
beta-2-Microglobulin	hCG intact	hCG intact +beta-hCG free					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Tumor Markers – Calcitonin/Pro-Gastrin-Releasing Peptide

Holdenrieder / Peetz

299

2 samples of serum							
Calcitonin	Progastrin-releasing Peptide						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Tumor Markers – PSA and Testosterone

Holdenrieder / Peetz

293

2 samples of serum							participation according to Rili-BÄK: quarterly
PSA, free	PSA, total		Testosterone				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21	
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21	
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21	

Drugs of Abuse in Human Urine 01 (Qualitative+Quantitative)

Steimer / Niederau

174

2 samples of 3 ml urine, lyophilised					participation according to Rili-BÄK: quarterly
Amphetamine (qualitative) Barbiturate-phenobarbiturate (qualitative) Benzoyllecgonine (qualitative) Opiate / Morphin (qualitative)		Amphetamine (quantitative) Barbiturate-phenobarbiturate (quantitative) Benzoyllecgonine (quantitative) Opiate / Morphin (quantitative)			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

Drugs of Abuse in Human Urine 02 (Qualitative+Quantitative)

Steimer / Niederau

176

2 samples of 3 ml urine, lyophilised					participation according to Rili-BÄK: quarterly
(d-)Methamphetamine (quantitative)	(d-)Methamphetamine (qualitative)				
Buprenorphine (qualitative)	Buprenorphine (quantitative)				
LSD (qualitative)	LSD (quantitative)				
Methadone (qualitative)	Methadone (quantitative)				
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

Drugs of Abuse in Human Urine 03 (Qualitative+Quantitative)

Steimer / Niederau

177

2 samples of 3 ml urine, lyophilised					participation according to Rili-BÄK: quarterly
Benzodiazepine Lorazepam (qualitative) EDDP (qualitative) MDMA (qualitative) delta-9-THC-COOH (qualitative)	Benzodiazepine Lorazepam (quantitative) EDDP (quantitative) MDMA (quantitative) delta-9-THC-COOH (quantitative)				
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21	
Shipment	13.01.21	05.05.21	30.06.21	06.10.21	
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21	

Markers of Ethanol Abuse 02

Luppa / Schneider

751

2 samples of 1 ml urine, lyophilised				
Ethylglucuronid				
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21
Shipment	03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21

2 samples of 10 ml urine (lyophilised)

participation according to Rili-BÄK:
biannually

Chromatographic analysis with identification of the active substance (STA)

No shipping outside Germany possible!

From a list of 30 substances, the proof of 6 – 8 substances with chromatographic methods is required in both samples. Samples and evaluation by Reference Institute for Bioanalytics, Bonn.

An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

	May (3)	Sep. (5)
Deadline for registration / cancelation	22.02.21	21.06.21
Shipment	19.04.21	16.08.21
Deadline for receipt of data	08.05.21	04.09.21

Trace Elements 01 (Urine)

Kaiser / Kramer

205

2 samples of 10 ml, urine, lyophilised

Aluminium	Arsenic	Cadmium	Chromium
Cobalt	Copper	Fluoride	Iodine
Iron	Lead	Manganese	Mercury
Nickel	Selenium	Zinc	

	Mar. (2)	Oct. (6)
Deadline for registration / cancelation	08.01.21	06.08.21
Shipment	03.03.21	06.10.21
Deadline for receipt of data	26.03.21	29.10.21

Urine Chemistry 01 (Qualitative)

Fried / Niederau

171

2 samples urine, lyophilised / liquid

Albumin – Urine	Ascorbic acid	Bilirubin	Erythrocytes
Glucose	Ketone bodies	Leucocytes	Nitrite
Protein	Urobilinogen	hCG	pH
specific gravity			

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

2 samples urine, lyophilised / liquid

participation according to Rili-BÄK:
quarterlyAlbumin – Urine
Creatinine
Osmolality
Sodium
alpha-AmylaseCalcium
Glucose
Phosphate
Urea
total Protein – UrineChloride
Magnesium
Potassium
Uric Acid

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	20.11.20	08.01.21	05.03.21	30.04.21	25.06.21	06.08.21
Shipment	13.01.21	03.03.21	05.05.21	30.06.21	25.08.21	06.10.21
Deadline for receipt of data	29.01.21	19.03.21	21.05.21	16.07.21	10.09.21	22.10.21

Urine Chemistry 03 (Biogene Amines)

Schneider / Lutz

175

2 samples of 8 ml urine, lyophilised

3-Methoxytyramine
Epinephrine
Norepinephrine
Vanillylmandelic acid5-Hydroxyindolea acid
Homovanillic acid
NormetanephrineDopamine
Metanephrines
Serotonin

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21
Shipment	03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21

Urine Chemistry 04 (Porphyrins)

Kaiser / Kramer

178

2 samples of 10 ml urine, lyophilised

Aminolaevulinic acid
Coproporphyrin total
Pentaporphyrin
UroporphorinCoproporphyrin 1
Heptaporphyrin
PorphobilinogenCoproporphyrin 3
Hexaporphyrin
Porphyrins total

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

2 samples of 5 ml urine, lyophilised

Aldosterone

Cortisol free

hCG intact

May (3)**Oct. (6)**

Deadline for registration / cancelation

05.03.21

06.08.21

Shipment

05.05.21

06.10.21

Deadline for receipt of data

21.05.21

22.10.21

Urine Chemistry 06 (Sediment Pictures)

Fried / Niederau

172

Sediment pictures

Also available online in digital microscopy!

participation according to Rili-BÄK:
annually**Jan. (1)****May (3)****July (4)****Oct. (6)**

Deadline for registration / cancelation

20.11.20

05.03.21

30.04.21

06.08.21

Shipment

13.01.21

05.05.21

30.06.21

06.10.21

Deadline for receipt of data

29.01.21

21.05.21

16.07.21

22.10.21

Urine Protein Differentiation

Fried / Falck

182

2 samples urine, lyophilised / liquid

participation according to Rili-BÄK:
quarterly

Albumin – Urine Protein

Creatinine

IgG

Retinol binding protein

Transferrine

alpha-1-Microglobulin

alpha-2-Macroglobulin

beta-2-Microglobulin

New in our EQA Program 2021

Mar. (2)**Sep. (5)**

Deadline for registration / cancelation

08.01.21

25.06.21

Shipment

03.03.21

25.08.21

Deadline for receipt of data

19.03.21

10.09.21

Vitamins 01 (Serum)

Niederau / Schellenberg

290

2 samples of 5 ml serum, lyophilised

1,25-OH Cholecalciferol	25-OH CCF (Vitamin D)	Biotin (Vitamin H)
Cobalamin (Vitamin B12)	Folic acid	Holotranscobalamine
Pantothenic acid (Vitamin B5)	Pyridoxal-5-phosphate (Vitamin B6)	Retinol (Vitamin A)
Riboflavin (Vitamin B2)	Thiamine total (Vitamin B1)	Tocopherol (Vitamin E)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Vitamins 02 (Whole Blood)

Niederau / Schellenberg

291

2 samples of 2 ml haemolysates, lyophilised

Flavine Adenine Dinucleotide (FAD)	Flavine mononucleotid (FMN)
Pyridoxal-5-phosphate (Vitamin B6)	Riboflavin (Vitamin B2)
Thiamine total (Vitamin B1)	Thiaminpyrophosphat (TPP)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Vitamins 03 – Vitamin C

Niederau / Schellenberg

296

2 samples of 0.5 ml plasma

Ascorbic acid (Vitamin C)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Vitamins 04 – Methylmalonic Acid

Niederau / Schellenberg

187

2 samples of 1 ml, plasma

Methylmalonic acid

	Jan. (1)	May (3)	July (4)	Oct. (6)
Deadline for registration / cancelation	20.11.20	05.03.21	30.04.21	06.08.21
Shipment	13.01.21	05.05.21	30.06.21	06.10.21
Deadline for receipt of data	29.01.21	21.05.21	16.07.21	22.10.21

Bacterial Genome Detection

Bacterial Genome Detection – *Bordetella pertussis*

Reischl / Ehrenschwender

532

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of *Bordetella pertussis*

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Bacterial Genome Detection – *Borrelia burgdorferi*

Reischl / Fingerle

535

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of *Borrelia burgdorferi*

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Bacterial Genome Detection – Carbapenemase-Genes

Reischl / Anders

544

1 set = 4 samples of 0.3 ml, lyophilised

PCR or other procedures for nucleic acid amplification/detection of Carbapenemases

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Bacterial Genome Detection – *Chlamydia pneumoniae*

Reischl / Maaß

540

1 set = 4 samples of 1 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of *Chlamydia pneumoniae*

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannually

PCR or other procedures for nucleic acid amplification/detection of Chlamydia trachomatis

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of:
Chlamydia trachomatis
Neisseria gonorrhoeae

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannually

PCR or other procedures for nucleic acid amplification/detection of Clostridium difficile toxin-genes

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of:
Coxiella burnetii
Bacillus anthracis

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannually

PCR or other procedures for nucleic acid amplification/detection of EHEC / STEC

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of:
Francisella tularensis
Brucella spp.

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of *Helicobacter pylori*

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannuallyPCR or other procedures for nucleic acid amplification/detection of *Legionella pneumophila*

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Bacterial Genome Detection – Listeria spp.

Reischl / Ehrenschrwender

538

1 set = 4 samples of 0.3 ml, lyophilised		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Listeria spp.		
	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

**Bacterial Genome Detection –
Molecular Genetic Analysis of the Human Microbiome**

Gessner / Reischl

580

Standardized stool samples – delivered with dry ice!		
NGS-Analysis (next generation sequencing)		
Variant shipment possible!		
	July (3)	
Deadline for registration / cancelation	19.03.21	
Shipment	19.05.21	
Deadline for receipt of data	23.07.21	

Bacterial Genome Detection – MRSA or cMRSA

Reischl / Ehrenschrwender

539

1 set = 4 samples of 0.3 ml, lyophilised		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of MRSA / cMRSA		
	May (3)	
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Bacterial Genome Detection – Mycoplasma pneumoniae

Reischl / Dumke

541

1 set = 4 samples of 0.3 ml, lyophilised		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Mycoplasma pneumoniae		
	May (3)	
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

participation according to Rili-BÄK:
biannually

PCR or other procedures for nucleic acid amplification/detection of Salmonella enterica

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

PCR or other procedures for nucleic acid amplification/detection of specific DNA (Urogenital Panel)

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

1 set = 4 samples of 0.3 ml, lyophilised

PCR or other procedures for nucleic acid amplification/detection of
Vancomycin resistant enterococci (VRE)

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Bacteriology (3 Samples)



Schlüter / Ziesing

411

3 samples (drying process)

participation according to Rili-BÄK:
biannually

Gram staining and cultivation, identification and susceptibility testing of fast-growing bacteria and accompanying bacterial flora of the urogenital tract, incl. yeasts

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining when successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is not required.

A letter will only be sent in advance should the panel of antibiotics to be tested be changed:

Ampicillin	Ampicillin/Sulbactam
CefpodoximproxetilCeftazidim	Ciprofloxacin
LevofloxacinPenicillin	Meropenem
OxacillinTrimethoprim/Sulfamethoxazol	Fosfomycin trometamol
NitrofurantoinPivmecillinam	Nitroxolin
Gentamicin	

	Jan. (1)	Apr. (3)	July (4)	Nov. (6)
Deadline for registration / cancelation	20.11.20	05.02.21	07.05.21	24.09.21
Shipment	20.01.21	07.04.21	07.07.21	10.11.21
Deadline for receipt of data	29.01.21	16.04.21	16.07.21	19.11.21

Bacteriology (5 Samples)



Schlüter / Ziesing

412

5 samples, lyophilised

participation according to Rili-BÄK:
biannually

Gram staining and cultivation, identification and susceptibility testing of bacteria

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining when successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is not required.

A letter will only be sent in advance should the panel of antibiotics to be tested be changed:

Ampicillin	Cefotaxim
CeftazidimCefuroxim	Ciprofloxacin
ErythromycinGentamicin High Level	Meropenem
LevofloxacinLinezolid	Oxacillin
PenicillinPiperacillin/Tazobactam	Trimethoprim/Sulfamethoxazol
TobramycinVancomycin	

	Feb. (1)	Sep. (5)
Deadline for registration / cancelation	11.12.20	09.07.21
Shipment	10.02.21	08.09.21
Deadline for receipt of data	19.02.21	17.09.21

3 slides (heat-fixed)

participation according to Rili-BÄK:
biannually

Evaluation of morphology and staining characteristics

Participants of the EQA schemes in bacteriology No. 411 or 412 will get a certificate for gram staining if they are successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is NOT required.

	Mar. (2)	Oct. (6)
Deadline for registration / cancelation	29.01.21	06.08.21
Shipment	17.03.21	06.10.21
Deadline for receipt of data	26.03.21	15.10.21

Infection Serology – *Bordetella pertussis* Antibodies

Hunfeld / N.N.

317

2 samples of 0.2 ml, serum

IgG (qualitative)
 IgG (semiquantitative)
 IgA (qualitative)
 IgM (qualitative)
 AB against *Bordetella pertussis* polyvalent (qualitative)
 AB against *Bordetella pertussis* polyvalent (semiquantitative)
 Diagnostic comment

Nov. (6)

Deadline for registration / cancelation

20.08.21

Shipment

20.10.21

Deadline for receipt of data

05.11.21

Infection Serology – *Borrelia burgdorferi* Antibodies

Hunfeld / N.N.

332

2 samples of 0.4 ml, serum

participation according to Rili-BÄK:
biannually

Antikörper polyvalent (qualitative)
 IgG (qualitative)
 IgM (qualitative)
 Antikörper polyvalent – Blot
 IgM-Blot
 Diagnostic comment

Antikörper polyvalent (semiquantitative)
 IgG (semiquantitative)
 IgM (semiquantitative)
 IgG-Blot
 AB against *Treponema pallidum* (qualitative)

June (3)

Nov. (6)

Deadline for registration / cancelation

19.03.21

20.08.21

Shipment

19.05.21

20.10.21

Deadline for receipt of data

02.06.21

05.11.21

Infection Serology – *Campylobacter* Antibodies

Hunfeld / N.N.

319

2 samples of 0.4 ml, serum

Antibodies against campylobacter
 IgG (semiquantitative)
 IgA (semiquantitative)
 IgM (semiquantitative)
 IgG (qualitative)
 IgA (qualitative)
 IgM (qualitative)
 Diagnostic comment

June (3)

Deadline for registration / cancelation

19.03.21

Shipment

19.05.21

Deadline for receipt of data

02.06.21

Infection Serology – Chlamydia pneumoniae (Chlamydophila) Antibodies

Hunfeld / N.N.

314

2 samples of 0.4 ml, serum

IgG (qualitative)
IgG (semiquantitative)
IgA (qualitative)
IgA (semiquantitative)
IgM (qualitative)
IgM (semiquantitative)
AB against Chlamydia pneumoniae polyvalent (qualitative)
AB against Chlamydia pneumoniae polyvalent (semiquantitative)
Diagnostic comment

	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

Infection Serology – Chlamydia trachomatis Antibodies

Hunfeld / N.N.

312

2 samples of 0.2 ml, serum

IgG (qualitative)
IgG (semiquantitativ)
IgA (qualitative)
IgA (semiquantitative)
IgM (qualitative)
IgM (semiquantitative)
AB against Chlamydia trachomatis polyvalent (qualitative)
AB against Chlamydia trachomatis polyvalent (semiquantitative)
Diagnostic comment

	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

Infection Serology – Chlamydia trachomatis Direct Detection (ELISA / PCR)



Hunfeld / N.N.

313

2 samples of 0.2 ml, urine

participation according to Rili-BÄK:
biannually

Direct detection of Chlamydia trachomatis antigen (ELISA, PCR) Diagnostic comment

	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

2 slides		participation according to Rili-BÄK: biannually
Direct detection of Chlamydia trachomatis antigen (dir. IFA)	Diagnostic comment	
	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

2 samples of 0.3 ml, serum		
AB against Coxiella burnetii – Phase I (qualitative)		
AB against Coxiella burnetii – Phase I (semiquantitative)		
AB against Coxiella burnetii – Phase II (qualitative)		
AB against Coxiella burnetii – Phase II (semiquantitative)		
AB against Coxiella burnetii IgG – Phase I (qualitative)		
AB against Coxiella burnetii IgG – Phase I (semiquantitative)		
AB against Coxiella burnetii IgG – Phase II (qualitative)		
AB against Coxiella burnetii IgG – Phase II (semiquantitative)		
IgA (qualitativ)		
IgA (semiquantitative)		
IgM (qualitative)		
IgM (semiquantitative)		
Diagnostic comment		
	Nov. (6)	
Deadline for registration / cancelation	20.08.21	
Shipment	20.10.21	
Deadline for receipt of data	05.11.21	

2 samples of 0.4 ml, serum		
AB against Diphtherie toxoid (qualitative)	AB against Diphtherie toxoid (semiquantitative)	
Diagnostic comment		
	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

Infection Serology – *Helicobacter pylori* Antibodies

Hunfeld / N.N.

334

2 samples of 0.4 ml, serum			
IgG (qualitative) Diagnostic comment	IgG (semiquantitative)	IgA (qualitative)	IgA (semiquantitative)
	June (3)	Nov. (6)	
Deadline for registration / cancelation	19.03.21	20.08.21	
Shipment	19.05.21	20.10.21	
Deadline for receipt of data	02.06.21	05.11.21	

Infection Serology – *Mycoplasma pneumoniae* Antibodies

Hunfeld / N.N.

324

2 samples of 0.3 ml, serum			
AB against <i>Mycoplasma pneumoniae</i> polyvalent (qualitative) AB against <i>Mycoplasma pneumoniae</i> polyvalent (semiquantitative) IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgM (qualitative) Diagnostic comment			
		Nov. (6)	
Deadline for registration / cancelation		20.08.21	
Shipment		20.10.21	
Deadline for receipt of data		05.11.21	

Infection Serology – Procalcitonin

Hunfeld / N.N.

320

2 samples of 0.4 ml, serum			
Procalcitonin (qualitative) Diagnostic comments	Procalcitonin (semi-quantitative)	Procalcitonin (quantitative)	
	June (3)	Nov. (6)	
Deadline for registration / cancelation	19.03.21	20.08.21	
Shipment	19.05.21	20.10.21	
Deadline for receipt of data	02.06.21	05.11.21	

Infection Serology – Rheumatoid Factor

Hunfeld / N.N.

323

2 samples of 0.4 ml, serum					participation according to Rili-BÄK: quarterly
Rheumatoid factor (RF) (qualitative)		Rheumatoid factor (RF) (semi-quantitative)			
	Jan. (1)	June (3)	Sep. (5)	Nov. (6)	
Deadline for registration / cancelation	20.11.20	19.03.21	25.06.21	20.08.21	
Shipment	13.01.21	19.05.21	25.08.21	20.10.21	
Deadline for receipt of data	29.01.21	02.06.21	10.09.21	05.11.21	

2 samples of 0.4 ml, serum		
AB against Salmonella typhi, O-Antigen (qualitative) AB against Salmonella typhi, O-Antigen (semiquantitative) AB against Salmonella typhi, OH-Antigen (qualitative) AB against Salmonella typhi, OH-Antigen (semiquantitative) AB against Salmonella enteritidis, OH-Antigen (qualitative) AB against Salmonella enteritidis, OH-Antigen (semiquantitative) AB against Salmonella typhimurium, OH-Antigen (qualitative) AB against Salmonella typhimurium, OH-Antigen (semiquantitative) AB against Salmonella paratyphi B, OH-Antigen (qualitative) AB against Salmonella paratyphi B, OH-Antigen (semiquantitative) AB against Salmonella Gruppe A, O-Antigen (qualitative) AB against Salmonella Gruppe A, O-Antigen (semiquantitative) AB against Salmonella Gruppe B, O-Antigen (qualitative) AB against Salmonella Gruppe B, O-Antigen (semiquantitative) AB against Salmonella Gruppe C, O-Antigen (qualitative) AB against Salmonella Gruppe C, O-Antigen (semiquantitative) AB against Salmonella polyvalent (qualitative) AB against Salmonella IgA (qualitative) Diagnostic comment		
	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

Infection Serology – Streptococcal AB

2 samples of 0.4 ml, serum		
anti-streptolysin O (ASO) (qualitative) anti-streptolysin O (ASO) (semi-quantitative) anti-streptodornase (aDNase) (qualitative) anti-streptodornase (aDNase) (semi-quantitative)		
	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

participation according to Rili-BÄK:
biannually

Infection Serology – Tetanus Toxoid Antibodies

2 samples of 0.4 ml, serum		
AB against Tetanus toxoid (qualitative) AB against Tetanus toxoid (semiquantitative) Diagnostic comment		
	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

2 samples of 0.4 ml, serum		participation according to Rili-BÄK: biannually
Antibodies against Treponema pallidum	IgG (qualitative)	
IgG (semiquantitative)	IgM (qualitative)	
IgG – Immunoblot	IgM – Immunoblot	
FTA-Abs IgG (qualitative)	FTA-Abs IgG (semiquantitative)	
FTA-Abs IgM (qualitative)	FTA-Abs IgM (semiquantitative)	
AB against Cardiolipin (qualitative)	AB against Cardiolipin (semiquantitative)	
Diagnostic comment		
	June (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	02.06.21	05.11.21

2 samples of 0.4 ml, serum		
AB against Yersinia enterocolitica O3 (qualitative)		
AB against Yersinia enterocolitica O3 (semiquantitative)		
AB against Yersinia enterocolitica O9 (qualitative)		
AB against Yersinia enterocolitica O9 (semiquantitative)		
AB against Yersinia pseudotuberculosis (qualitative)		
AB against Yersinia pseudotuberculosis (semiquantitative)		
IgG (qualitative)		
IgG (semiquantitative)		
IgA (qualitative)		
IgM (qualitative)		
Diagnostic comment		
	June (3)	
Deadline for registration / cancelation	19.03.21	
Shipment	19.05.21	
Deadline for receipt of data	02.06.21	

Mycology 01
(Mucorales, Yeasts, Coelomycetes, Hyphomycetes, Basidiomycetes)
Haase / Geißdörfer /
Schoerner

490

5 samples

participation according to Rili-BÄK:
biannually

Cultivation and species identification of fungi (yeasts, yeast-like fungi, hyphomycetes) occurring as the causative organism in case of mycosis of the mucosa, mycosis of the organs (deep-seated mycosis), systemic mycosis or mycosis acquired after trauma, as well as fungal contaminants present in human specimens. Furthermore, interpretation of the result should be performed (to some extent) within the framework of the provided information.

	Feb. (1)	Oct. (5)
Deadline for registration / cancelation	20.11.20	23.07.21
Shipment	20.01.21	22.09.21
Deadline for receipt of data	12.02.21	15.10.21

Mycology 02 (Dermatophytes, Yeasts, Mould Fungus)


Gräser / Nenoff / Haase

491

4 samples, living cultures

participation according to Rili-BÄK:
biannually
Differentiation of Dermatophytes, Yeasts and Moulds

Living strains of causative agents or contaminants will be sent, that had been isolated from patients with skin mycoses or mucosal fungal infections.

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	29.01.21	16.07.21
Shipment	17.03.21	15.09.21
Deadline for receipt of data	30.04.21	29.10.21

Mycoserology 01 – Candida (Antigen+Antibodies)

Weig / Bader

480

2 samples, serum

participation according to Rili-BÄK:
biannually

Candida IgA Candida IgG Candida IgM Candida antigen
Candida total AB

	Feb. (1)	Oct. (5)
Deadline for registration / cancelation	20.11.20	23.07.21
Shipment	20.01.21	22.09.21
Deadline for receipt of data	05.02.21	08.10.21



Infectious material, UN3373, biological substances category B.



2 samples, serum or CSF

**participation according to Rili-BÄK:
biannually**

Detection of *Cryptococcus neoformans* / *Cryptococcus gattii* Antigen

	Feb. (1)	Oct. (5)
Deadline for registration / cancelation	20.11.20	23.07.21
Shipment	20.01.21	22.09.21
Deadline for receipt of data	05.02.21	08.10.21

Detection of Toxoplasma DNA (PCR)

Hörauf / Hübner

457

4 samples, stabilized amniotic fluid (and/or EDTA blood), buffer

participation according to Rili-BÄK:
biannually

Toxoplasma gondii (DNA) – qualitative

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	25.06.21
Shipment	03.03.21	25.08.21
Deadline for receipt of data	19.03.21	10.09.21

Parasite Microscopy (Blood)

Tannich / N.N. / Hörauf /
Hübner

456

2 samples, thin blood smear and/or thick blood smear

participation according to Rili-BÄK:
biannually

In March and September: Prof. Hörauf, Bonn; in May and October: Prof. Tannich, Hamburg

Blood parasites – specification

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Deadline for registration / cancelation	08.01.21	05.03.21	25.06.21	06.08.21
Shipment	03.03.21	05.05.21	25.08.21	06.10.21
Deadline for receipt of data	19.03.21	21.05.21	10.09.21	22.10.21

Parasite Microscopy (Stool)

Tannich / N.N.

451

2 samples, fecal suspension or fecal smear

participation according to Rili-BÄK:
biannually

Stool parasites – specification

	May (3)	Oct. (6)
Deadline for registration / cancelation	05.03.21	06.08.21
Shipment	05.05.21	06.10.21
Deadline for receipt of data	21.05.21	22.10.21

Parasite Serology – Amoebiasis and Echinococcosis

Hörauf / Hübner

455

2 samples variable volumes, serum or plasma

participation according to Rili-BÄK:
annually

Antibodies against Echinococcus

Antibodies against Entamoeba histolytica

	Oct. (6)
Deadline for registration / cancelation	06.08.21
Shipment	06.10.21
Deadline for receipt of data	22.10.21

2 samples variable volumes, serum or plasma		participation according to Rili-BÄK: annually
Antibodies against Plasmodium	Antibodies against Schistosoma	
May (3)		
Deadline for registration / cancelation	05.03.21	
Shipment	05.05.21	
Deadline for receipt of data	21.05.21	

2 samples variable volumes, serum or plasma		participation according to Rili-BÄK: biannually	
Antibodies against Toxoplasma gondii			
	May (3)		Oct. (6)
Deadline for registration / cancelation	05.03.21		06.08.21
Shipment	05.05.21		06.10.21
Deadline for receipt of data	21.05.21	22.10.21	

Fungal Genome Detection – *Pneumocystis jirovecii*

Reischl / Parcina

560

1 set = 4 samples of 0.3 ml, lyophilised

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	May (3)	Nov. (6)
Deadline for registration / cancelation	19.03.21	20.08.21
Shipment	19.05.21	20.10.21
Deadline for receipt of data	11.06.21	12.11.21

Genome Detection of Dermatophytes



Gräser / Nenoff

492

1 set = 4 samples, lyophilised

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	29.01.21	16.07.21
Shipment	17.03.21	15.09.21
Deadline for receipt of data	09.04.21	08.10.21

**Mycobacteria diagnostics 01 –
Drug Susceptibility Testing of Nontuberculous Mycobacteria**


Hillemann / Andres

427

5 samples, for resistance testing of nontuberculous mycobacteria

Susceptibility Testing of Nontuberculous Mycobacteria

	May (2)	Nov. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	12.05.21	05.11.21

Mycobacteriology 01 – Microscopy


Hillemann / Andres

421

6 samples, microscopic slides

participation according to Rili-BÄK:
biannually

Microscopic Detection of Mycobacteria

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	09.04.21	01.10.21

Mycobacteriology 02 – Culture


Hillemann / Andres

422

5 samples, sputum specimens

participation according to Rili-BÄK:
biannually

Cultivation of Mycobacteria Differentiation of tuberculosis bacteria

	June (2)	Nov. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	02.06.21	26.11.21

Mycobacteriology 03 – Identification


Hillemann / Andres

423

5 samples, suspensions of mycobacterial strains

participation according to Rili-BÄK:
biannually

Identification of Mycobacteria

	May (2)	Nov. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	12.05.21	05.11.21

5 samples, sputum specimens

participation according to Rili-BÄK:
biannually

Nucleic Acid Amplification of Mycobacteria

	Apr. (2)	Oct. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	09.04.21	01.10.21

Mycobacteriology 05 – Drug Susceptibility Testing

5 samples, suspensions of Mycobacterium tuberculosis complex strains for phenotypic resistance testing (incl. second-line drugs)

participation according to Rili-BÄK:
biannually

Susceptibility Testing of Tuberculosis Bacteria

Each registration for this group must confirm that the test is performed in a laboratory with security level S3 and with appropriately qualified personnel.

	May (2)	Nov. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	12.05.21	05.11.21

Mycobacteriology 06 – Molecular Drug Susceptibility Testing

5 samples, suspensions of Mycobacterium tuberculosis complex strains for molecular resistance testing

participation according to Rili-BÄK:
biannually

Susceptibility Testing of Tuberculosis Bacteria

	May (2)	Nov. (5)
Deadline for registration / cancelation	22.01.21	16.07.21
Shipment	24.03.21	15.09.21
Deadline for receipt of data	12.05.21	05.11.21

INFORMATION ON VIRUS DIAGNOSTICS

The INSTAND EQA schemes in virology are carried out in scientific cooperation with the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (DVV e.V.), Gesellschaft für Virologie (GfV e.V.) and Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM e.V.). Cooperation partners are amongst others: Joint Diagnostic Commission of DVV and GfV, Robert Koch-Institut, Paul-Ehrlich-Institut, Friedrich-Loeffler-Institut, Bernhard-Nocht-Institut, Reference Laboratories incl. National and International Reference Centers and National Consiliary Laboratories and Blood Transfusion Service of German Red Cross (DRK-Blutspendedienst Ost). The characterization of the EQA samples and the determination of the target values/consensus values are carried out in cooperation with the INSTAND Expert laboratories.

Information for 2021:

(for details please see www.instand-ev.de -> EQAS and EQAS Online)

General remarks on the INSTAND EQA schemes in virus diagnostics

Please note that the samples of the respective EQA scheme are suitable for applying more than one method for the corresponding parameter.

Example: EQA scheme "Virus Immunology - HIV-1 / HIV-2 (335)" - The 4 samples of the sample set of the EQA scheme (335) can be analyzed on virus specific antibodies by different methods such as ELISA, ChLIA and other methods. The results of the respective method should be stated for all 4 samples of the sample set. The results reported for the different methods will be displayed in the participation document "listing and evaluation of the results".

EQA schemes for SARS-CoV-2 diagnostics in 2021

In cooperation with the Joint Diagnostic Commission of DVV and GfV, INSTAND has introduced new EQA schemes for SARS-CoV-2 diagnostics in 2020.

(416) Virus Immunology – SARS-CoV-2 (Ab)

Because of the large number of EQA scheme participants and the limited volume of blood donor sera/plasmas, this EQA scheme is carried out with subgroups.

The participants receive defined sample panels with sera from whole blood or with patient plasma (not recalcified). Each panel member contains patient serum or patient plasma from one individual donor only.

This EQA scheme contains 4 different samples (1 tube per sample number).

The EQA scheme 416 takes place twice a year in June and November.

(340) Virus Genome Detection – Coronaviruses incl. SARS-CoV-2

Participating at this EQA scheme gives the option for differentiation between SARS-CoV-2, MERS CoV and other human coronaviruses (samples which contain the SARS-CoV-2 and MERS CoV, respectively, are inactivated).

This EQA scheme contains 6 different samples (2 tube per sample number).

The EQA scheme 340 takes place twice a year in June and November.

(409) Virus Genome Detection – SARS-CoV-2

For laboratories that only carry out genome detection of SARS-CoV-2, INSTAND e.V. offers the EQA 409.

This EQA scheme contains 5 different samples (2 tube per sample number).

The EQA scheme 409 takes place four times a year in March, June, September and November.

**Virus Detection (Genome/Antigen) –
Influenza A and B Viruses incl. Avian Influenza A Viruses**


Zeichhardt / Kammel

370

1 set = 6 samples of 1.1 ml, lyophilised cell culture lysates and allantoic fluids, respectively

participation according to Rili-BÄK:
biannually

This program may be completed with currently circulating influenza viruses.

Please note: these EQA samples are not suitable for virus propagation and immune fluorescence tests for antigen detection.
Some of the samples can contain chemically inactivated avian influenza A viruses.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
 influenza A and B viruses and antigen testing
 Option for typing of seasonal and avian influenza A viruses

Cooperation with:

Nationales Referenzzentrum für Influenza, Robert Koch-Institut, Berlin;
 Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit, Nationales Referenzlabor für Aviäre Influenza,
 Insel Riems

	Mar. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	24.09.21
Shipment	10.03.21	10.11.21
Deadline for receipt of data	26.03.21	26.11.21

Virus Detection (Genome/Antigen) – Respiratory Syncytial Virus


Zeichhardt / Kammel

359

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
 RSV RNA and RSV antigen testing

Cooperation with:

Institut für Virologie und Immunbiologie, Universität Würzburg;
 Institut für Virologie, Universitätsklinikum Düsseldorf Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV),
 Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

Virus Genome Detection – Adenoviruses


Zeichhardt / Kammel

371

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
 adenovirus DNA
 Determination of species of adenovirus
 Typing of adenovirus

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



Infectious material, UN3373, biological substances category B.



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and suspensions of urine, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for BK virus DNA

Cooperation with:

Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21

2 sets of samples; 1 set = 5 samples of 1.1 ml, lyophilised cell culture lysates (inactivated)

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Borna viruses – RNA

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively (inactivated)

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CHIKV RNA

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research

Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg;

Nationales Konsiliarlabor für FSME, Institut für Mikrobiologie der Bundeswehr, München

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21

2 sets of samples; 1 set = 6 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CoV RNA

Option for differentiation between SARS-CoV-2, MERS CoV and other human coronaviruses (samples which contain the SARS-CoV-2 and MERS CoV, respectively, are inactivated)

coronaviruses (RNA) – qualitative without differentiation

MERS coronavirus (RNA) – quantitative

MERS coronavirus (RNA) – qualitative

other human coronaviruses (RNA) – quantitative

other human coronaviruses (RNA) – qualitative

SARS-CoV-2 (RNA) – quantitative

SARS-CoV-2 (RNA) – qualitative

For SARS-CoV-2:

Results differentiated according to gene region.

Cooperation with:

Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

Virus Genome Detection – Cytomegalovirus Program 1

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Genome Detection – Cytomegalovirus Program 2 – additional Training Program (can only be ordered with program 365)



Zeichhardt / Kammel

368

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (368) can only be ordered together with the corresponding main EQA scheme (365) for March.

Separate certificates will be issued for the training program (368) and the main EQA scheme (365, subject to RiliBÄK-B3).

Cooperation with:
Nationale Konsiliarlabore für Cytomegalievirus (CMV):
Institut für Virologie, Universitätsklinikum Ulm;
Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen

Mar. (2)

Deadline for registration / cancelation	08.01.21
Shipment	10.03.21
Deadline for receipt of data	26.03.21

Virus Genome Detection – Cytomegalovirus Resistance Determination



Zeichhardt / Kammel

349

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for CMV resistance determination

Cooperation with:
Nationale Konsiliarlabore für Cytomegalievirus (CMV):
Institut für Virologie, Universitätsklinikum Ulm;
Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen

Oct. (5)

Deadline for registration / cancelation	16.07.21
Shipment	01.09.21
Deadline for receipt of data	08.10.21

Virus Genome Detection – Dengue Viruses

Zeichhardt / Kammel

369

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively (inactivated)

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for denguevirus RNA
Typing of denguevirus

Cooperation with:
WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg;
Nationales Konsiliarlabor für FSME, Institut der Bundeswehr, München

Mar. (2)

Sep. (5)

Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
enterovirus RNA
Typing of enterovirus

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
EBV DNA

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



1 set = 3 samples of 1.1 ml, lyophilised suspensions of feces and cell culture lysates, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
simultaneous qualitative detection of gastrointestinal adeno, astro, entero, noro, parecho,
rota and sapoviruses, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance
in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the
above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year.
It is recommended to participate at both EQA scheme terms.

Please note: Only results of multiplex tests will be accepted for EQA scheme 430

This multiplex EQA scheme is not suitable for (I) 'singleplex' PCRs, (II) tests for antigen detection,
(III) testing of sensitivity and (IV) typing. For this purpose, we refer to the INSTAND EQA schemes for
the corresponding viruses.

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21





2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

participation according to Rili-BÄK:
biannuallyPolymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for
HAV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) incl. sequencing for
HBV genotypingCooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie,
Justus-Liebig-Universität Gießen;
WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

	Nov. (6)
Deadline for registration / cancelation	24.09.21
Shipment	10.11.21
Deadline for receipt of data	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Genome Detection – Hepatitis B Virus Program 2 – additional Training Program (can only be ordered with program 361)



Zeichhardt / Kammel

378

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (378) can only be ordered together with the corresponding main EQA scheme (361) for March.

Separate certificates will be issued for the training program (378) and the main EQA scheme (361, subject to RiliBÄK-B3).

Cooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen

Mar. (2)

Deadline for registration / cancelation	08.01.21
Shipment	10.03.21
Deadline for receipt of data	26.03.21

Virus Genome Detection – Hepatitis B Virus Resistance Determination



Zeichhardt / Kammel

397

2 sets of samples; 1 set = 4 samples, plasmids in water and lyophilised plasma, respectively

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HBV resistance determination

Cooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen

Oct. (5)

Deadline for registration / cancelation	16.07.21
Shipment	01.09.21
Deadline for receipt of data	08.10.21

Virus Genome Detection – Hepatitis C Virus -Resistance Determination



Zeichhardt / Kammel

399

1 set; 4 samples of 0.5 ml, lyophilised sera and plasma, respectively

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HCV resistance determination

Cooperation with:
Nationales Referenzzentrum für Hepatitis C, Nationales Konsiliarlabor für Tollwut, Institut für Virologie, Universitätsklinikum Essen; Institut für Virologie, Universitätsklinikum Düsseldorf

Oct. (5)

Deadline for registration / cancelation	16.07.21
Shipment	01.09.21
Deadline for receipt of data	08.10.21



1 set = 5 samples of 1.1 ml, lyophilised sera and plasma, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV geno- and subtype differentiation

Cooperation with:
Nationales Referenzzentrum für Hepatitis C, Nationales Konsiliarlabor für Tollwut, Institut für Virologie, Universitätsklinikum Essen;
Institut für Virologie, Universitätsklinikum Düsseldorf

participation according to Rili-BÄK: annually

Sep. (5)

Deadline for registration / cancelation

16.07.21

Shipment

01.09.21

Deadline for receipt of data

17.09.21

Virus Genome Detection – Hepatitis C Virus Program 1



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

participation according to Rili-BÄK: biannually

Mar. (2)

June (4)

Sep. (5)

Nov. (6)

Deadline for registration / cancelation

08.01.21

23.04.21

16.07.21

24.09.21

Shipment

10.03.21

09.06.21

01.09.21

10.11.21

Deadline for receipt of data

26.03.21

25.06.21

17.09.21

26.11.21

Virus Genome Detection – Hepatitis C Virus Program 2 – additional Training Program (can only be ordered with program 362)



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (379) can only be ordered together with the corresponding main EQA scheme (362) for March.

Separate certificates will be issued for the training program (379) and the main EQA scheme (362, subject to RiliBÄK-B3).

Cooperation with:
Nationales Referenzzentrum für Hepatitis C, Nationales Konsiliarlabor für Tollwut, Institut für Virologie, Universitätsklinikum Essen;
Institut für Virologie, Universitätsklinikum Düsseldorf

Mar. (2)

Deadline for registration / cancelation

08.01.21

Shipment

10.03.21

Deadline for receipt of data

26.03.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HDV RNA

Cooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie,
Justus-Liebig-Universität Gießen;
WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised sera, plasma and suspension of feces, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HEV RNA

Cooperation with:
Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV),
Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

participation according to Rili-BÄK: biannually



2 sets of samples; 1 set = 6 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for differentiation of HSV 1 and HSV 2 DNA

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

participation according to Rili-BÄK: biannually

Virus Genome Detection – HIV-1 (RNA) Program 2 – additional Training Program (can only be ordered with program 360)



Zeichhardt / Kammel

382

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (382) can only be ordered together with the corresponding main EQA scheme (360) for March.

Separate certificates will be issued for the training program (382) and the main EQA scheme (360, subject to RiliBÄK-B3).

Cooperation with:
Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

Mar. (2)

Deadline for registration / cancelation	08.01.21
Shipment	10.03.21
Deadline for receipt of data	26.03.21

Virus Genome Detection – HIV-1 (RNA) Program 1



Zeichhardt / Kammel

360

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)

participation according to Rili-BÄK: biannually

Mar. (2) June (4) Sep. (5) Nov. (6)

Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Genome Detection – HIV-1 Drug Resistance Determination – Standard Program for Protease and Reverse Transcriptase Inhibitors

Zeichhardt / Kammel

383

2 sets of samples; 1 set = 4 samples of 1.1 ml, buffer and plasma, respectively (non-lyophilised)

Please note: The samples will contain plasmids and heat-inactivated cell culture supernatant viruses respectively!

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of protease inhibitors and reverse transcriptase inhibitors

Cooperation with:
Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
IMD Labor Frankfurt;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen;
Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln;
Medizinisches Infektiologiezentrum Berlin

Oct. (5)

Deadline for registration / cancelation	16.07.21
Shipment	01.09.21
Deadline for receipt of data	08.10.21

Infectious material, UN3373, biological substances category B.

2 sets of samples; 1 set = 2 samples of 1.1 ml, plasma (non-lyophilised)

Please note: The samples will contain heat-inactivated cell culture supernatant viruses!

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of integrase inhibitors and determination of tropism

Cooperation with:
Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
IMD Labor Frankfurt;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen;
Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln;
Medizinisches Infektiologiezentrum Berlin

Oct. (5)

Deadline for registration / cancelation	16.07.21
Shipment	01.09.21
Deadline for receipt of data	08.10.21

Virus Genome Detection – HIV-2 (RNA)


Zeichhardt / Kammel

395

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and sera, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-2 (RNA)

Cooperation with:
Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

June (4)

Nov. (6)

Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

Virus Genome Detection – Human Herpesvirus 6 (HHV-6)


Zeichhardt / Kammel

405

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 6 (HHV-6) – DNA

Cooperation with:
Institut für Virologie, Universitätsklinikum Düsseldorf

Mar. (2)

Sep. (5)

Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 8 (HHV-8) – DNA

Cooperation with:
Institut für Virologie, Medizinische Hochschule Hannover

Mar. (2)

Deadline for registration / cancelation	08.01.21
Shipment	10.03.21
Deadline for receipt of data	26.03.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human metapneumovirus RNA

Cooperation with:
Institut für Virologie, Universitätsklinikum Düsseldorf;
Institut für Virologie und Immunbiologie, Universität Würzburg;
Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren,
Robert Koch-Institut, Berlin

June (4)**Nov. (6)**

Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 5 samples of 1.1 ml, lyophilised cell culture lysates and biopsy materials, respectively

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and hybridization for HPV DNA
Differentiation of 'high risk' and 'low risk' types, and typing of 'high risk' HPV and 'low risk' HPV

Cooperation with:
Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

participation according to Rili-BÄK:
biannually

June (4)**Nov. (6)**

Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HRV RNA
Typing of human rhinovirus

Cooperation with:
Institut für Virologie, Universitätsklinikum Düsseldorf;
Institut für Virologie und Immunbiologie, Universität Würzburg;
Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

Virus Genome Detection – JC Virus



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and suspensions of urine, respectively

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for JC virus DNA

Cooperation with:
Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21

Virus Genome Detection – Measles Virus



2 sets of samples; 1 set = 4 samples, of 1,1 ml, lyophilised cell culture lysates and sample disc (FTA card) with immobilized cell culture lysates, respectively

Please note: The cell culture lysates immobilized on sample disks (FTA card) are chemically inactivated.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for measles virus RNA
Typing of measles virus

Cooperation with:
Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin;
Institut für Virologie, Universität Leipzig

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

participation according to Rili-BÄK: biannually



2 sets of samples; 1 set = 4 samples, of 1,1 ml, lyophilised cell culture lysates and sample disc (FTA card) with immobilized cell culture lysates, respectively

participation according to Rili-BÄK: biannually

Please note: The cell culture lysates immobilized on sample disks (FTA card) are chemically inactivated.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for mumps virus RNA
Typing of mumps virus

Cooperation with:
Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin;
Institut für Virologie, Universität Leipzig

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised suspensions of feces

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for norovirus RNA with the option for differentiation in genogroup I and II

Cooperation with:
Nationales Konsiliarlabor für Noroviren, Robert Koch-Institut, Berlin;
Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV),
Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg;
Institut für Virologie, Medizinische Hochschule Hannover

	Mar. (2)	Nov. (6)
Deadline for registration / cancelation	08.01.21	24.09.21
Shipment	10.03.21	10.11.21
Deadline for receipt of data	26.03.21	26.11.21



1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of adenoviruses, cytomegalovirus, enteroviruses, Epstein Barr virus, herpes simplex virus type 1, herpes simplex virus type 2, human herpesvirus 6, parechovirus and varicella zoster virus, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note: Only results of multiplex tests will be accepted for EQA scheme 433

This multiplex EQA scheme is not suitable for (I) 'singleplex' PCRs, (II) tests for antigen detection, (III) testing of sensitivity and (IV) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parainfluenza virus RNA
Typing of parainfluenza virus

Cooperation with:
Institut für Virologie, Universitätsklinikum Düsseldorf;
Institut für Virologie und Immunbiologie, Universität Würzburg;
Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren,
Robert Koch-Institut, Berlin

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Parechovirus (RNA)

Cooperation with:
Nationales Referenzzentrum für Poliomyelitis und Enteroviren, Robert Koch-Institut, Berlin

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

participation according to Rili-BÄK:
biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parvovirus B19 DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised samples (inactivated, vaccine)

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rabies virus RNA

Cooperation with:
Nationales Konsiliarlaboratorium für Tollwut, Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Essen

Sep. (5)

Deadline for registration / cancelation

16.07.21

Shipment

01.09.21

Deadline for receipt of data

17.09.21

Virus Genome Detection – Respiratory Virus Panel 1 for Multiplex Tests



Zeichhardt / Kammel

431

1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of respiratory adeno, boca, corona, entero, human metapneumo, human rhino, influenza A and B viruses incl. avian influenza A viruses, parecho, parainfluenza and respiratory syncytial viruses, respectively.

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note: Only results of multiplex tests will be accepted for EQA scheme 431

This multiplex EQA scheme is not suitable for (I) 'singleplex' PCRs, (II) tests for antigen detection, (III) testing of sensitivity and (IV) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of influenza A and B viruses incl. avian influenza A viruses and respiratory syncytial viruses (groups A and B).

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

Please note: Only results of multiplex tests will be accepted for EQA scheme 432

This multiplex EQA scheme is not suitable for (I) 'singleplex' PCRs, (II) tests for antigen detection, (III) testing of sensitivity and (IV) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

Virus Genome Detection – Rotaviruses



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised suspension of feces

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rotavirus RNA
Typing of rotavirus

Cooperation with:
Nationales Konsiliarlabor für Rotaviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 4 samples, of 1,1 ml, lyophilised cell culture lysates and sample disc (FTA card) with immobilized cell culture lysates, respectively

Please note: The cell culture lysates immobilized on sample disks (FTA card) are chemically inactivated.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rubella virus RNA

Typing of rubella virus

Cooperation with:
Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin;
Institut für Virologie, Universität Leipzig

participation according to Rili-BÄK: biannually

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 sets of samples; 1 set = 5 samples of 1.1 ml, lyophilised cell culture lysates

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2 RNA (samples, which contain SARS-CoV-2, are inactivated)

New in our EQA Program 2021

SARS-CoV-2 (RNA) – quantitative

SARS-CoV-2 (RNA) – qualitative

Results differentiated according to gene region.

Cooperation with:
Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Torque teno virus (TTV) DNA

Cooperation with:
Institut für Virologie, Uniklinik Köln

	Sep. (5)
Deadline for registration / cancelation	16.07.21
Shipment	01.09.21
Deadline for receipt of data	17.09.21



2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for VZV DNA

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

2 sets of samples; 1 set = 6 samples of 1.1 ml, lyophilised plasma and cell culture lysates, respectively (inactivated)

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for West Nile virus RNA
Typing of West Nile virus (Lineage)

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg;
Nationales Konsiliarlabor für FSME, Institut für Mikrobiologie der Bundeswehr, München

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

2 sets of samples; 1 set = 4 samples of 1.1 ml, lyophilised cell culture lysates (inactivated)

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Zika virus RNA
Typing of Zika virus (Lineage)

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21



Virus Immunology – Borna Viruses (Ab)

Zeichhardt / Kammel

415

10 samples of 100 µl, serum and plasma, respectively

Anti-Borna virus IgG

June (4)

Deadline for registration / cancelation

23.04.21

Shipment

09.06.21

Deadline for receipt of data

25.06.21

Virus Immunology – Chikungunya Virus (Ab)

Zeichhardt / Kammel

402

4 samples of 0.3 ml, serum (inactivated in case of chikungunya virus RNA positive samples)

Anti-CHIKV IgG

Anti-CHIKV IgG – avidity

Anti-CHIKV IgM

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research

Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

Sep. (5)

Deadline for registration / cancelation

16.07.21

Shipment

01.09.21

Deadline for receipt of data

17.09.21

Virus Immunology – Cytomegalovirus (Ab)



Zeichhardt / Kammel

351

2 samples of 0.5 ml, serum

Anti-CMV IgG

Anti-CMV IgG – avidity

Anti-CMV IgM

Mar. (2)**June (4)****Sep. (5)****Nov. (6)**

Deadline for registration / cancelation

08.01.21

23.04.21

16.07.21

24.09.21

Shipment

10.03.21

09.06.21

01.09.21

10.11.21

Deadline for receipt of data

26.03.21

25.06.21

17.09.21

26.11.21

4 samples of 0.3 ml, serum (inactivated in case of dengue virus RNA positive samples)

Anti-dengue virus IgG
clinical interpretation

Anti-dengue virus IgM

dengue virus-NS1 Ag

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research

Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21

Virus Immunology – Epstein Barr Virus (Ab)



Zeichhardt / Kammel

352

2 samples of 0.6 ml, serum

Antibodies against EBV with and without differentiation of antigen specificity (incl. avidity) and heterophilic antibodies
clinical interpretation

	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21

Virus Immunology – Hantaviruses (Ab)

Zeichhardt / Kammel

355

4 samples of 0.5 ml, serum (inactivated in case of Hantavirus RNA positive samples)

Antibodies against hantaviruses (IgG and IgM) and differentiation of serotype specific antibodies
Status of hantavirus infection

Cooperation with:

Nationales Konsiliarlabor für Hantaviren, Charité – Universitätsmedizin Berlin, Campus Mitte, Institut für Virologie, Berlin

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	08.01.21	16.07.21
Shipment	10.03.21	01.09.21
Deadline for receipt of data	26.03.21	17.09.21

Virus Immunology – Hepatitis A Virus (Ab)



Zeichhardt / Kammel

343

4 samples of 0.5 ml, serum

participation according to Rili-BÄK:
biannually

Anti-HAV IgG / Anti-HAV total

Anti-HAV IgM

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Immunology – Hepatitis B Virus Program 1 (HBsAg, Anti-HBs, Anti-HBc)



Zeichhardt / Kammel

344

12 samples of serum	participation according to Rili-BÄK: biannually			
HBsAg (1 ml) Anti-HBc (0.75 ml)	Confirmation test HBsAg	Anti-HBs (0.75 ml)		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Immunology – Hepatitis B Virus Program 2 (Anti-HBc-IgM, HBeAg, Anti-HBe)



Zeichhardt / Kammel

345

6 samples of 0.5 ml, serum	participation according to Rili-BÄK: biannually			
Anti-HBc IgM	HBeAg	Anti-HBe		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Immunology – Hepatitis C Virus (Ab and HCV Antigen)



Zeichhardt / Kammel

346

4 samples of 0.5 ml, serum and plasma, respectively	participation according to Rili-BÄK: biannually			
Screening test anti-HCV and combined detection anti-HCV and HCV antigen HCV antigen Complementary test (blot) anti-HCV				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Deadline for registration / cancelation	08.01.21	23.04.21	16.07.21	24.09.21
Shipment	10.03.21	09.06.21	01.09.21	10.11.21
Deadline for receipt of data	26.03.21	25.06.21	17.09.21	26.11.21

Virus Immunology – Hepatitis D Virus (Ab)



Zeichhardt / Kammel

347

2 samples of 0.5 ml, serum and plasma, respectively		
Anti-HDV IgG / Anti-HDV total	Anti-HDV IgM	
	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 samples of 0.4 ml, serum

Anti-HEV IgG

Anti-HEV IgM

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



2 samples of 0.5 ml, serum

Anti-HSV 1/2 IgG

Anti-HSV 1/2 IgG – avidity

Anti-HSV 1 IgG

Anti-HSV 1 IgG – avidity

Anti-HSV 2 IgG

Anti-HSV 2 IgG – avidity

Anti-HSV 1/2 IgM

Anti-HSV 1 IgM

Anti-HSV 2 IgM

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



2 samples of 0.75 ml, serum

participation according to Rili-BÄK:
biannually

HIV-1 p24 Ag

HIV-1 p24 Ag Confirmation test

Mar. (2)

June (4)

Sep. (5)

Nov. (6)

Deadline for registration / cancelation

08.01.21

23.04.21

16.07.21

24.09.21

Shipment

10.03.21

09.06.21

01.09.21

10.11.21

Deadline for receipt of data

26.03.21

25.06.21

17.09.21

26.11.21



4 samples of 0.75 ml, serum

participation according to Rili-BÄK:
biannually

Screening test anti-HIV-1 / anti-HIV-2 (3rd and 4th Generation)

Confirmation test (blot and other confirmatory test) anti-HIV-1 / anti-HIV-2

Confirmation test (blot and other confirmatory test) anti-HIV-1

Confirmation test (blot and other confirmatory test) anti-HIV-2

Mar. (2)

June (4)

Sep. (5)

Nov. (6)

Deadline for registration / cancelation

08.01.21

23.04.21

16.07.21

24.09.21

Shipment

10.03.21

09.06.21

01.09.21

10.11.21

Deadline for receipt of data

26.03.21

25.06.21

17.09.21

26.11.21



4 samples of 0.5 ml, serum and plasma, respectively

Screening test anti-HTLV-1 / anti-HTLV-2

Confirmation test (Blot and other confirmation test) anti-HTLV-1 / anti-HTLV-2

Cooperation with:

Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



2 samples of 0.5 ml, serum

participation according to Rili-BÄK:
biannually

Anti-measles virus IgG

Anti-measles virus IgG – avidity

Anti-measles virus IgM

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



2 samples of 0.5 ml, serum

participation according to Rili-BÄK:
biannually

Anti-mumps virus IgG

Anti-mumps virus IgG – avidity

Anti-mumps virus IgM

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



4 samples of 0.5 ml, serum and plasma, respectively

Anti-parvovirus B19 IgG

Anti-parvovirus B19 IgG – avidity

Anti-parvovirus B19 IgM

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21

2 samples of 0.5 ml, serum and plasma, respectively (vaccinee)

Anti-rabies Virus

Cooperation with:
Nationales Referenzzentrum für Hepatitis C, Nationales Konsiliarlabor für Tollwut, Institut für Virologie,
Universitätsklinikum Essen

Sep. (5)

Deadline for registration / cancelation

16.07.21

Shipment

01.09.21

Deadline for receipt of data

17.09.21

Virus Immunology – Rubella Virus (Ab)



Zeichhardt / Kammel

341

2 samples of 0.8 ml, serum

participation according to Rili-BÄK:
biannually

Anti-rubella virus IgG

Anti-rubella virus IgG – avidity

Anti-rubella virus IgM

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21

Virus Immunology – SARS-CoV-2 (Ab)

Zeichhardt / Kammel

416

4 samples of 0.5 ml each, native patient serum or patient plasma (not re-calcified).

Each panel member contains patient serum or patient plasma from one individual donor only.

New in our EQA Program 2021

Anti-SARS-CoV-2 total (without differentiation of IgG, IgA and IgM)

Anti-SARS-CoV-2 IgG

Anti-SARS-CoV-2 IgG avidity

Anti-SARS-CoV-2 IgA

Anti-SARS-CoV-2 IgM

clinical interpretation

June (4)

Nov. (6)

Deadline for registration / cancelation

23.04.21

24.09.21

Shipment

09.06.21

10.11.21

Deadline for receipt of data

25.06.21

26.11.21



2 samples of 0.5 ml, serum		
Anti-TBE/FSME virus IgG	Anti-TBE/FSME virus IgG – avidity	Anti-TBE/FSME virus IgM
	June (4)	Nov. (6)
Deadline for registration / cancelation	23.04.21	24.09.21
Shipment	09.06.21	10.11.21
Deadline for receipt of data	25.06.21	26.11.21



2 samples of 0.5 ml, serum			participation according to Rili-BÄK: biannually
Anti-VZV IgG	Anti-VZV IgG – avidity	Anti-VZV IgM	
	June (4)	Nov. (6)	
Deadline for registration / cancelation	23.04.21	24.09.21	
Shipment	09.06.21	10.11.21	
Deadline for receipt of data	25.06.21	26.11.21	

3 samples of 0.3 ml, serum (inactivated in case of Zika virus RNA positive samples)		
Anti-ZIKV IgG	Anti-ZIKV IgG – avidity	Anti-ZIKV IgM
Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg		
	Sep. (5)	
Deadline for registration / cancelation	16.07.21	
Shipment	01.09.21	
Deadline for receipt of data	17.09.21	

Cerebrospinal Fluid Cytology Course (only in German)

Roskos / N.N.

470

Lectures and cell assignment training on exercise microscopes.
A separate mandatory registration is necessary.

The terms and the registration form will be published on the INSTAND e.V. homepage (www.instand-ev.de).

The course is held in German language.

No samples will be sent!

Haematology 08 – Blood Smear Analysis: Collection of Cases (01-10)

Diem / Baurmann

812

Covered smears of peripheral blood incl. solution booklet for self-study.

Borrow period per case collection: 6 weeks (solution booklet can be kept!)

An additional fee will be charged for specimens that are not returned complete and undamaged.

Shipment only to German-speaking countries!

	Apr. (3)	Oct. (6)
Deadline for registration / cancelation	29.01.21	30.07.21
Shipment	17.03.21	15.09.21
Deadline for receipt of data	30.04.21	29.10.21

Haematology 08 – Blood Smear Analysis: Collection of Cases (11-20)

Diem / Baurmann

813

Covered smears of peripheral blood incl. solution booklet for self-study.

Borrow period per case collection: 6 weeks (solution booklet can be kept!)

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	Apr. (3)	Oct. (6)
Deadline for registration / cancelation	29.01.21	30.07.21
Shipment	17.03.21	15.09.21
Deadline for receipt of data	30.04.21	29.10.21

Online questionnaire with at least 20 questions and training material on various preanalytical topics.

The solution is presented immediately after each question and contains detailed expert comments to increase the learning effect. If the participant passes, he/she receives a certificate, otherwise a certificate of participation.

Online training is currently only available in German.

No samples will be sent!

	Mar. (2)	Sep. (5)
Deadline for registration / cancelation	19.02.21	20.08.21
Shipment	15.03.21	13.09.21
Deadline for receipt of data	26.03.21	24.09.21

The training consists of two parts: Part 1 deals with particle identification, as well as pre- and post-analytical questions concerning urine sediment analysis. Part 2 deals with further diagnosis based on additionally provided medical data. You can do one or both parts. Each part is evaluated separately.

The solution is presented immediately after each question and contains detailed expert comments to increase the learning effect. If the training is passed successfully, participants will receive a certificate. Otherwise a confirmation of participation will be issued.

This online training does not replace the EQA 172 – Urine Chemistry 06 (Sediment Pictures)

Online training is currently only available in German.

No samples will be sent!

	June (4)	Nov. (6)
Deadline for registration / cancelation	14.05.21	15.10.21
Shipment	07.06.21	08.11.21
Deadline for receipt of data	18.06.21	19.11.21

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