

Surveys 2022

Reference Institute for Bioanalytics
Akkredited to DIN EN ISO/IEC 17043



**Quality assurance
in medical laboratory**

www.rfb.bio

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Dear participant,
and those interested,

The year 2021 was and is essentially determined by restrictions and challenges due to the Corona pandemic. However, our retrospective investigation shows that even in the months of the extensive lockdown, laboratories generally met the requirements of external quality assessment as usual. In addition we have implemented further surveys on the Corona virus in the course of the year: the genome detection in the survey CoVpcr as well as a survey for antigen determination, CoVag. Together with the survey on immunology, CoVimm, which has been available since last year, we will conduct these three surveys twice a year from 2022 onwards.

With regard to the evaluation of surveys, we would like to draw special attention to the new evaluation limits for HbA1c: in 2022, the transition period specified by the RiliBÄK (guidelines of the German Medical Association on quality assurance in medical laboratories) will end and the maximum permissible evaluation limits of $\pm 8 \%$ will apply.

After the successful conversion to online recording of your results, we are increasingly focusing our service on digital possibilities. With this programme booklet, you will receive your individual "Survey planning information" so that you have an overview of your surveys for the year 2021. The annual orders listed in it can be transferred to your online account for the year 2022 with one click.

Orders for our surveys are no longer possible via the paper format, but only via our web portal. This has the advantage that your orders are always received by us at the same time and you receive an automated order confirmation.

When sending result documents, you now have a choice: From now on, you can completely cancel the postal dispatch of certificates and evaluations in your web profile and receive the documents exclusively digitally.

Together with the use of compostable packaging for our sample materials, all these steps help us to offer you the service you are used to with less environmental impact.

We are happy to receive any suggestions you may have at info@spmd-rfb.de and look forward to continuing our good cooperation with you!

With best regards on behalf of the RfB team



Dr. Wolf-Jochen Geilenkeuser



Dr. Anja Kessler

The Reference Institute for Bioanalytics runs two of the few German calibration laboratories for clinical measurands at the Hanover and Cologne sites. The RfB calibration laboratories are accredited by the German Accreditation Body (DAkkS) in accordance with the international standards ISO 15195 and ISO/IEC 17025. All reference measurement procedures used comply with the requirements of the guideline of the German Medical Association. Both, the reference measurement procedures and the services offered are listed internationally by the Joint Committee for Traceability in Laboratory Medicine (JCTLM).

Service:

On the one hand, the calibration laboratories determine reference measurement procedure values that are used as target values in the control materials for external quality control of the RfB. In this way, they make a significant contribution to testing the analytical quality of routine clinical chemistry laboratory procedures.

Secondly, for external customers in the IVD industry, there is the possibility to determine reference measurement procedure values. Especially for the verification of metrological traceability in terms of the IVD-R, we offer the certification of calibrators, control materials and patient samples and provide assistance on the subject of calibration concepts.

Analysis spectrum:

Since the development of the first reference measurement procedures for the determination of hormones over 40 years ago, our calibration laboratories have been continuously expanding the range of measurands. Currently, the range includes a total of 35 analytes in the areas of electrolytes, metabolites and substrates, enzymes, hormones, pharmaceuticals as well as proteins (see table).



Dr. Caroline Stobe



Dr. Denis Grote Koska

Further detailed information can be obtained from the email address info@spmd-rfb.de or directly from the heads of the calibration laboratories, Dr. Caroline Stobe (Calibration Laboratory Cologne, calibrationlab1_info@spmd-rfb.de) and Dr. Denis Grote-Koska (Calibration Laboratory Hanover, calibrationlab2_info@spmd-rfb.de).

Analyte	Matrices	Measurement range
17-Hydroxyprogesterone	Serum, plasma	1 – 2500 nmol L ⁻¹
α-Amylase (AMY)	Serum, plasma	0,058 – 12,0 µkat L ⁻¹
Alanine aminotransferase (ALT)	Serum, plasma	0,072 – 4,75 µkat L ⁻¹
Aldosterone	Serum, plasma	0,05 – 3,5 nmol L ⁻¹
Alkaline phosphatase (ALP)	Serum, plasma	0,092 – 11,3 µkat L ⁻¹
Aspartate aminotransferase (AST)	Serum, plasma	0,040 – 4,17 µkat L ⁻¹
Bilirubin	Serum, plasma	5 – 525 µmol L ⁻¹
Calcium	Serum, plasma, urine	0,4 – 8 mmol L ⁻¹
Chloride	Serum, plasma, urine	50 – 290 mmol L ⁻¹
Cholesterol	Serum, plasma	1 – 10 mmol L ⁻¹
Cortisol	Serum, plasma	10 – 2000 nmol L ⁻¹
Creatinine	Serum, plasma	50 – 1000 µmol L ⁻¹
Creatinine	Urine	0,4 – 40 mmol L ⁻¹
Creatine kinase (CK)	Serum, plasma	0,155 – 24,33 µkat L ⁻¹
Digitoxin	Serum, plasma	0,5 – 100 nmol L ⁻¹
Digoxin	Serum, plasma	0,1 – 40 nmol L ⁻¹
Oestradiol (E2)	Serum, plasma	0,01 – 7,5 nmol L ⁻¹
Oestriol (E3)	Serum, plasma	1 – 500 nmol L ⁻¹
Glucose	Serum, plasma, urine, blood, CSF	0,5 – 25 mmol L ⁻¹
Haemoglobin	Blood	20 – 300 g L ⁻¹
Uric acid	Serum, plasma	50 – 1000 µmol L ⁻¹
Uric acid	Urine	0,1 – 10 mmol L ⁻¹
Urea	Serum, plasma	0,5 – 50 mmol L ⁻¹
Urea	Urine	0,5 – 1000 mmol L ⁻¹
HbA1c	Whole blood, haemolysate	29 – 150 mmol L ⁻¹
Potassium	Serum, plasma	0,75 – 75 mmol L ⁻¹
Lactate dehydrogenase (LDH)	Serum, plasma	0,145 – 10 µkat L ⁻¹
Lithium	Serum, plasma, urine	0,05 – 5 mmol L ⁻¹
Magnesium	Serum, plasma, urine	0,1 – 4 mmol L ⁻¹
Sodium	Serum, plasma, urine	5 – 200 mmol L ⁻¹
Progesterone	Serum, plasma	0,1 – 100 nmol L ⁻¹
Protein (total)	Serum, plasma	10 – 120 g L ⁻¹
Testosterone	Serum, plasma	1 – 50 nmol L ⁻¹
Theophylline	Serum, plasma	0,75 – 50 mg L ⁻¹
Thyroxine (T4)	Serum, plasma	20 – 350 nmol L ⁻¹
Triglycerides (total)	Serum, plasma	0,5 – 20 mmol L ⁻¹
Triiodo-L-thyronine (T3)	Serum, plasma	0,5 – 8 nmol L ⁻¹
γ-Glutamyltransferase (GGT)	Serum, plasma	0,032 – 4,58 µkat L ⁻¹

In our current program we have sorted the survey schemes as follows:

- Quantitative determinations
- Qualitative determinations
- Direct detection of pathogens
- Ejaculate investigation
- Molecular- and cytogenetic investigations

Within the individual chapters the survey schemes are listed alphabetically.

In 2022, we will offer the following new surveys/analytes:

B1

AK (Therapeutic drug monitoring) page 10
The following antibiotics have been added to set 3:
ampicillin, cefepime, ceftazidime, sulbactam and tazobactam

B3

BAKNAT3 (Genome evidence group 3) page 40
Now contains the analytes *Chlamydia trachomatis* and *Neisseria gonorrhoeae*,
which are no longer offered in BAKNAT1 or BAKNAT2

CoVag (Evidence of SARS-CoV-2 antigen)..... page 42

CoVpcr (Genome evidence of SARS-CoV-2 PCR and variants of concern)..... page 42

MMRpcr (Genome evidence of measles, mumps, rubella) page 44

CdToxin (*Clostridium (Clostridiodes) difficile* toxin genome) page 41

Advices and instructions concerning the processes for registration and ordering are described on page 9.

Reference Institute for Bioanalytics is a special purpose operation of the non-profit foundation "Stiftung für Pathobiochemie und Molekulare Diagnostik" and designs and organizes surveys for External Quality Assurance on their behalf and on nomination by the German Medical Association.

If you have any questions concerning External Quality Assessment or our brochure
please call +49 228 926895-0
or send us an e-mail info@spmd-rfb.de

The terms and conditions of participation are published at www.rfb.bio/agb-en.pdf and can be sent on request.

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Quantitative determinations

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14	ET	Ethanol
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15	GL	Glucose („wet“ and „POCT/dry chemistry“) (special offer for small laboratories)
15	GR	Coagulation
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16	HB	Hemoglobin and Hematocrit
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17	HP	Hormones - group 2
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19	KU	Clinical chemical analytes in urine
20	LP	Lipoproteins
20	NBS	Newborn screening
21	OH	Hemoglobin derivatives
21	OS	Bone metabolism
21	PH	Photometer control
22	RE	Reticulocytes
22	RF	Rheumatoid factors
23	SA	Thyroid antibodies
23	SD	Pregnancy diagnostic
24	SP	Trace elements in urine
24	SV	Saliva diagnostic
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25	TH	Thrombophilia screening (cooperation with the Dutch organization ECAT)
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28	ZY	Cytokines

Qualitative determinations

29	AI	Antinuclear antibodies
29	AL	Allergology
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30	CMVimm	CMV serology
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41	CdToxin	Clostridium (Clostridiodes) difficile toxin genome
41	ChlamTra	Chlamydia trachomatis AG
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42	CoVpcr	Genome evidence of SARS-CoV-2 and variants of concern
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44	MMRpcr	Genome evidence measles, mumps, rubella
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45	MykCult	Cultivation and identification of fungi
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47	TubDiag	Tuberculosis diagnostics
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Ejaculate investigation

49	EJ	Semen (cooperation with the German society of andrology and their quality control organization QuaDeGa)
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Molecular- and cytogenetic investigation

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50	DI	DNA isolation
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Our websites address is:

www.rfb.bio

Open to all interested people, you can find there:

- Information about our current survey program,
- Evaluations of our surveys (target values, statistics, youdenplots, comments on the evaluation etc.),
- Information around the surveys and the Reference Institute for Bioanalytics.

Registered online users have (after login) additional options to handle the participation process:

- Online ordering / cancellation,
- Online data entry, **since July 2020 mandatory for (almost) all surveys**,
- PDF retrieval of:
 - Protocol of the input of results,
 - Certificates / evaluations,
 - Annual summary in terms of,
 - orders,
 - certificates,
 - correctness of findings.
- E-Mail notifications for evaluated surveys with direct links to individual evaluations.
- Reminder e-mails for close survey deadlines.
- Convenient management of multiple participation numbers by “fast user switching” with reduced login effort.
- Shipment options with reduced paper consumption.
- Summary over finished surveys per year with:
 - passed / not rated / not passed analytes,
 - download of complete evaluation / certificates,
 - comment function.
- **To register:**
Please use the corresponding link on our homepage: “New participant?”
Already online registered participants can register on our homepage via the link: “Password forgotten?”
to request a new password at any time.
- For any questions or comments please contact us via e-mail: info@spmd-rfb.de

➤ **Contract type**

RfB offers two different types of contracts for participating in the surveys.

➤ **Contract type A - subscription**

If you choose contract type A, then your individual order will automatically be renewed annually as long as you do not cancel subscription.

➤ **Contract type B - yearly order**

If you choose contract type B you will get the ordered surveys within one calendar year.
To receive further surveys for the following year, a new order will be necessary.

➤ **Information for application**

It is possible to choose either contract type A (permanent subscription) or contract type B (yearly order) for each survey scheme individually.

Participants from Europe with the exception of Germany are requested to specify their VAT (value added tax) number.

➤ **Ordering**

Surveys of RfB can be ordered on our website www.rfb.bio, or by using the form for the survey TH - Thrombophilia provided in this program. This is possible at any time up to the application deadline of the survey.

➤ **Changes of orders**

For both types of contracts, any changes of orders are possible up to the application deadline of the corresponding survey.

Together with this program for the next year you will receive an overview of the surveys you already have ordered. This overview could also be used for an order confirmation or changes in your orders.

➤ **Fees and invoice**

The prices for each survey can be found in the description of the survey scheme in this booklet. These prices are net prices. If the samples of a survey are sent within Germany by standard shipping, these costs are included in the price. If the shipping conditions of Deutsche Post change, price adjustment is possible. All deliveries via parcel service are charged separately.

The invoice is issued after completion of the corresponding survey and includes the net price, any shipping costs incurred and plus the applicable VAT. Taxes and duties are billed separately. Payments can only be made by bank transfer or direct debit.

➤ **Notes:**

Some parts of the survey (packing / data transfer) can be subcontracted from time to time. When subcontracting occurs, it is in cooperation with a competent subcontractor and the RfB is responsible for this work.

Parts of survey evaluations may be used for publications making note of the origin.

The terms and conditions of participation are published at www.rfb.bio/agb-en.pdf and can be sent on request.

Quantitative determinations

AD - Automatic differential count

Survey	Application deadline	Sample dispatch date	survey period from to	
AD1/22	03.01.22	26.01.22	27.01.22	02.02.22
AD2/22	04.04.22	04.05.22	05.05.22	11.05.22
AD3/22	20.06.22	13.07.22	14.07.22	20.07.22
AD4/22	10.10.22	09.11.22	10.11.22	16.11.22

€ Fee for each survey, net prices plus VAT, plus special freight

34,00 €

each additional required pair of samples

28,00 €

➤ Sample material

blood, liquid, 2 samples each 1 ml

➤ Analytes

differential count of the leukocytes with automatic systems
not intended for use overseas

➤ Information

The samples have only a very limited stability and are sent to you with an express or parcel courier. The costs will be charged additionally.

AK - Therapeutic drug monitoring

Survey	Application deadline	Sample dispatch date	survey period from to	
AK1/22	29.11.21	05.01.22	10.01.22	22.01.22
AK2/22	14.03.22	20.04.22	25.04.22	07.05.22
AK3/22	06.06.22	29.06.22	04.07.22	16.07.22
AK4/22	29.08.22	21.09.22	26.09.22	08.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

material	fee	additional set
set 1	56,00 €	36,00 €
set 2	47,00 €	36,00 €
set 3	34,00 €	20,00 €
set 1 + 2	88,00 €	
set 1 + 3	75,00 €	
set 2 + 3	66,00 €	
set 1 + 2 + 3	122,00 €	

➤ Sample material

serum, lyophilized

set 1: 2 samples each 3 ml

set 2: 2 samples each 3 ml

set 3: 2 samples each 2 ml

➤ Analytes

set 1

carbamazepine
digoxin
ethosuximide
lithium
phenobarbital

phenytoin
primidone
theophylline
valproic acid

set 2

amikacin
caffeine
digitoxin
gentamycin
methotrexate
tobramycin
vancomycin

set 3

ampicillin
cefepime
ceftazidime
linezolid
meropenem
piperacillin
sulbactam
tazobactam

AM - Ammonia

Survey	Application deadline	Sample dispatch date	survey period from to	
AM1/22	15.11.21	05.01.22	10.01.22	22.01.22
AM2/22	07.03.22	30.03.22	04.04.22	16.04.22
AM3/22	06.06.22	29.06.22	04.07.22	16.07.22
AM4/22	29.08.22	21.09.22	26.09.22	08.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples 33,00 €
16,00 €

➤ **Sample material**

serum or control, liquid, 2 samples each 1-3 ml (depending on the manufacturer of samples)

➤ **Analyte**

ammonia

BF - Body fluid

Survey	Application deadline	Sample dispatch date	survey period from to	
BF1/22	03.01.22	25.01.22	26.01.22	02.02.22
BF2/22	04.04.22	03.05.22	04.05.22	11.05.22
BF3/22	20.06.22	12.07.22	13.07.22	20.07.22
BF4/22	12.09.22	04.10.22	05.10.22	12.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples 69,00 €
50,00 €

➤ **Sample material**

Point Preparation, liquid, 2 samples each 2 ml

➤ **Analytes**

erythrocyte count

leukocyte count

➤ **Information**

For the automatic differential count of the leukocytes please order the survey AD.

BG - Blood gas

Survey	Application deadline	Sample dispatch date	survey period from to	
BG1/22	06.12.21	12.01.22	17.01.22	29.01.22
BG2/22	14.03.22	06.04.22	11.04.22	23.04.22
BG3/22	27.06.22	20.07.22	25.07.22	06.08.22
BG4/22	19.09.22	12.10.22	17.10.22	29.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples 45,00 €
25,00 €

➤ **Sample material**

gas equilibrated solution, liquid, 2 ampoules each 2 ml

➤ **Analytes**

pH
pCO₂
pO₂

calcium, ionized
chloride
creatinine
glucose

lactate
lithium
magnesium
potassium

sodium
urea

BI - Neonatal bilirubin

Survey	Application deadline	Sample dispatch date	survey period from to	
BI1/22	10.01.22	02.02.22	07.02.22	19.02.22
BI2/22	28.03.22	20.04.22	25.04.22	07.05.22
BI3/22	13.06.22	06.07.22	11.07.22	23.07.22
BI4/22	05.09.22	28.09.22	04.10.22	15.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples **44,00 €**
28,00 €

➤ Sample material

serum, lyophilized, 2 samples each 2 ml

➤ Analytes

bilirubin, total

bilirubin, conjugated
bilirubin, direct

bilirubin, unconjugated
bilirubin, indirect

➤ Information

These specimens contain concentrations of bilirubin which are characteristic in neonatology.

CM - Cardiac markers

Survey	Application deadline	Sample dispatch date	survey period from to	
CM1/22	03.01.22	26.01.22	31.01.22	12.02.22
CM2/22	28.03.22	20.04.22	25.04.22	07.05.22
CM3/22	13.06.22	06.07.22	11.07.22	23.07.22
CM4/22	29.08.22	21.09.22	26.09.22	08.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

material	fee	additional set
set 1	52,00 €	31,00 €
set 2	36,00 €	29,00 €
set 1 and set 2	80,00 €	

➤ Sample material

serum, lyophilized
serum, lyophilized

set 1: 2 samples each 2 ml
set 2: 2 samples each 1 ml

If you only order set 2 you will only receive samples for the determination of BNP.

➤ Analytes

set 1

CK-MB mass + activity
myoglobine

NT-proBNP
cardiac troponin I

cardiac troponin T
test strips

set 2

BNP

CMX - Cardiac markers in whole blood

Survey	Application deadline	Sample dispatch date	survey period from to	
CMX1/22	03.01.22	26.01.22	27.01.22	02.02.22
CMX2/22	04.04.22	04.05.22	05.05.22	11.05.22
CMX3/22	20.06.22	13.07.22	14.07.22	20.07.22
CMX4/22	10.10.22	09.11.22	10.11.22	16.11.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples **49,00 €**
29,00 €

➤ **Sample material**
human whole blood, liquid, 2 samples each 1 ml

➤ **Analytes**
NT-proBNP cardiac troponin I cardiac troponin T

CS - Immunosuppressives

Survey	Application deadline	Sample dispatch date	survey period from to	
CS1/22	17.01.22	08.02.22	09.02.22	19.02.22
CS2/22	01.08.22	23.08.22	24.08.22	03.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material	fee	additional set
set 1	43,00 €	30,00 €
set 2	37,00 €	16,00 €
set 1 and set 2	59,00 €	

➤ **Sample material**
hemolyzed blood set 1: 4 samples each 1,5 ml
hemolyzed blood set 2: 2 samples each 1,5 ml

➤ **Analytes**
set 1 **set 2**
cyclosporine everolimus
sirolimus
tacrolimus

DD - D-Dimer

Survey	Application deadline	Sample dispatch date	survey period from to	
DD1/22	06.12.21	19.01.22	24.01.22	05.02.22
DD2/22	04.04.22	27.04.22	02.05.22	14.05.22
DD3/22	20.06.22	13.07.22	18.07.22	30.07.22
DD4/22	19.09.22	12.10.22	17.10.22	29.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

	43,00 €
each additional required pair of samples	23,00 €

➤ **Sample material**
plasma, lyophilized, 2 samples each 1 ml

➤ **Analyte**
quantitative: D-dimer qualitative: D-dimer
D-dimer (FEU)

DT - CD Transferrin

Survey	Application deadline	Sample dispatch date	survey period from to	
DT1/22	07.02.22	02.03.22	07.03.22	26.03.22
DT2/22	18.07.22	10.08.22	15.08.22	03.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

	51,00 €
each additional required pair of samples	36,00 €

➤ **Sample material**
serum, lyophilized, 2 samples each 0,5 ml

➤ **Analyte**
CDT (Carbohydrate Deficient Transferrin)

EG - Ethylglucuronide

Survey	Application deadline	Sample dispatch date	survey period from to	
EG1/22	17.01.22	06.04.22	11.04.22	23.04.22
EG2/22	23.05.22	14.09.22	19.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

each additional required pair of samples **36,00 €**
24,00 €

➤ **Sample material**
urine, lyophilized, 2 samples each 1 ml

➤ **Analyte**
Ethylglucuronide

ET - Ethanol

Survey	Application deadline	Sample dispatch date	survey period from to	
ET1/22	06.12.21	19.01.22	24.01.22	05.02.22
ET2/22	14.03.22	20.04.22	25.04.22	07.05.22
ET3/22	27.06.22	20.07.22	25.07.22	06.08.22
ET4/22	19.09.22	12.10.22	17.10.22	29.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

each additional required pair of samples **42,00 €**
22,00 €

➤ **Sample material**
serum, liquid, 2 samples each 2 ml

➤ **Analyte**
ethanol

FD - Faeces diagnostics

Survey	Application deadline	Sample dispatch date	survey period from to	
FD1/22	28.02.22	25.05.22	30.05.22	11.06.22
FD2/22	25.07.22	19.10.22	24.10.22	05.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

evaluation pair analytical results
1-2 **48,00 €**
3 **66,00 €**
4 **84,00 €**
each additional required pair of samples **46,00 €**

➤ **Sample material**
stool, lyophilized, 2 samples each 0,2 ml

➤ **Analytes**
Hemoglobin iFOBT assay (quantitative, qualitative) Elastase -1 (quantitative, qualitative)
Hemoglobin / haptoglobin complex (quantitative, qualitative) Calprotectin (quantitative, qualitative)

GH - Glycated hemoglobin

Survey	Application deadline	Sample dispatch date	survey period from to	
GH1/22	29.11.21	18.01.22	19.01.22	26.01.22
GH2/22	21.03.22	26.04.22	27.04.22	04.05.22
GH3/22	13.06.22	05.07.22	06.07.22	13.07.22
GH4/22	03.10.22	25.10.22	26.10.22	02.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

52,00 €
each additional required pair of samples 36,00 €

➤ **Sample material**

full blood or hemolysate, 2 samples each 0,3 ml

➤ **Analytes**

Hb A1c

GL - Glucose (wet and POCT/dry chemistry)

Survey	Application deadline	Sample dispatch date	survey period from to	
GL1/22	22.11.21	05.01.22	10.01.22	22.01.22
GL2/22	21.02.22	16.03.22	21.03.22	02.04.22
GL3/22	23.05.22	15.06.22	20.06.22	02.07.22
GL4/22	22.08.22	14.09.22	19.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

33,00 €
each additional required pair of samples 19,00 €

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

If special blood specimens are available we will use them instead of serum.

➤ **Analyte**

glucose

➤ **Information**

The survey „Glucose“ is offered to laboratories which determine glucose only. If further clinical chemistry analytes are to be determined, participation in a „Clinical chemical analytes in serum“ survey is suggested (KS or TR). This survey is especially recommended for laboratories and practices using glucose measuring instruments, which operate on the basis of pre-portioned reagents (Unit-use) (e. g. Accucheck, Accutrend, Ascensia Elite, HemoCue etc.).

GR - Coagulation

Survey	Application deadline	Sample dispatch date	survey period from to	
GR1/22	06.12.21	19.01.22	24.01.22	05.02.22
GR2/22	04.04.22	27.04.22	02.05.22	14.05.22
GR3/22	20.06.22	13.07.22	18.07.22	30.07.22
GR4/22	19.09.22	12.10.22	17.10.22	29.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

evaluation pair analytical results

1-5

57,00 €

6-10

65,00 €

each additional 5 pairs of analytical results

8,00 €

each additional required pair of samples

36,00 €

➤ Sample material	plasma, lyophilized, 2 samples each 1 ml		
➤ Analytes	antithrombin III (AT III), activity fibrinogen INR prothrombin time (PT, Quick) activated partial thromboplastin time (aPTT) thrombin time	factor II factor V factor VII factor VIII factor IX	factor X factor XI factor XII factor XIII

HA - Hematology - Full blood count

Survey	Application deadline	Sample dispatch date	survey period from to	
HA1/22	03.01.22	01.02.22	02.02.22	09.02.22
HA2/22	04.04.22	10.05.22	11.05.22	18.05.22
HA3/22	20.06.22	12.07.22	13.07.22	20.07.22
HA4/22	12.09.22	04.10.22	05.10.22	12.10.22

€	Net prices plus VAT (Standard shipping within Germany included)	
	each additional required pair of samples	49,00 € 36,00 €

➤ Sample material	prepared blood, liquid, 2 samples each 2 ml		
➤ Analytes	erythrocyte count hematocrit (packed cell volume) hemoglobin	leukocyte count MCH MCHC	MCV platelet count
➤ Information	For the automatic differential count of the leukocytes please order the survey AD. These samples can not be used for the investigation with QBC systems.		

HB - Hemoglobin and Hematocrit

Survey	Application deadline	Sample dispatch date	survey period from to	
HB1/22	03.01.22	25.01.22	26.01.22	02.02.22
HB2/22	04.04.22	03.05.22	04.05.22	11.05.22
HB3/22	20.06.22	12.07.22	13.07.22	20.07.22
HB4/22	12.09.22	04.10.22	05.10.22	12.10.22

€	Net prices plus VAT (Standard shipping within Germany included)	
	each additional required pair of samples	42,00 € 30,00 €

➤ Sample material	prepared blood, liquid, 2 samples each 2 ml		
➤ Analytes	hematocrit	hemoglobin	

HM - Hormones - Group 1

Survey	Application deadline	Sample dispatch date	survey period from to	
HM1/22	22.11.21	05.01.22	10.01.22	29.01.22
HM2/22	07.03.22	30.03.22	04.04.22	23.04.22
HM3/22	30.05.22	22.06.22	27.06.22	16.07.22
HM4/22	15.08.22	07.09.22	12.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

evaluation pair analytical results

1-4 **53,00 €**

5-8 **57,00 €**

each additional 4 pairs analytical results **4,00 €**

each additional required pair of samples **34,50 €**

➤ Sample material

serum, lyophilized, 2 samples each 3 ml

➤ Analytes

aldosterone	estradiol-17β	17-OH-progesterone	T3, free	T4, total
cortisol	ferritin	TBG	T3, total	TSH
DHEA-S	progesterone	testosterone	T4, free	

➤ Information

Free estriol can be determined only in the survey for pregnancy diagnostic (SD).

HP - Hormones - Group 2

Survey	Application deadline	Sample dispatch date	survey period from to	
HP1/22	22.11.21	05.01.22	10.01.22	29.01.22
HP2/22	07.03.22	30.03.22	04.04.22	23.04.22
HP3/22	30.05.22	22.06.22	27.06.22	16.07.22
HP4/22	15.08.22	07.09.22	12.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

evaluation pair analytical results

1-2 **37,00 €**

3-6 **41,00 €**

each additional 4 pairs of analytical results **4,00 €**

each additional required pair of samples **24,50 €**

➤ Sample material

serum, lyophilized, 2 samples each 3 ml

➤ Analytes

ferritin	IGFBP-3	prolactin
folic acid	insulin	renin / renin-activity
FSH	LH	SHBG
hGH (somatotropin/growth hormone)	parathyroid hormone, intact (PTH)	vitamin B ₁₂
IGF-1	parathyroid hormone, bio-intact (PTH 1-84)	

IG - Serum proteins

Survey	Application deadline	Sample dispatch date	survey period from to	
IG1/22	29.11.21	18.01.22	24.01.22	05.02.22
IG2/22	21.03.22	12.04.22	18.04.22	30.04.22
IG3/22	06.06.22	28.06.22	04.07.22	16.07.22
IG4/22	29.08.22	20.09.22	26.09.22	08.10.22

€	Net prices plus VAT (Standard shipping within Germany included)			
	evaluation pair analytical results			
			1-2	47,00 €
			3-6	51,00 €
	each additional 4 pairs analytical results			4,00 €
	each additional required pair of samples			34,00 €
➤	Sample material			
	serum, liquid, 2 samples each 1 ml			
➤	Analytes			
	albumin	CRP	haptoglobin	IgM
	α1-antitrypsin	cystatin C	IgA	prealbumin
	α1-glycoprotein	C3 complement	IgE	transferrin
	coeruloplasmin	C4 complement	IgG	sol. transferrin receptor
				CRP qualitative

IS - Immunophenotyping (flow cytometry)

Survey	Application deadline	Sample dispatch date	survey period from to	
IS1/22	24.01.22	21.02.22	22.02.22	24.02.22
IS2/22	15.08.22	05.09.22	06.09.22	08.09.22

€	Fee for each survey, net prices plus VAT, plus special freight			
				42,00 €
	each additional required pair of samples			28,00 €

➤	Sample material		
	prepared blood samples, liquid, 2 samples with different analyte concentrations each about 2 ml		
➤	Analytes		
	B-cells	NK-cells	T-suppressor cells
	leukocyte count	T-cells	HLA-B *27
	lymphocyte count	T-helper cells	
➤	Information		
	The samples have only a very limited stability and are sent to you with an express or parcel courier. The costs will be charged additionally.		

KL - Clinical chemical analytes in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from to	
KL1/22	06.12.21	12.01.22	17.01.22	29.01.22
KL2/22	21.02.22	23.03.22	28.03.22	09.04.22
KL3/22	23.05.22	15.06.22	20.06.22	02.07.22
KL4/22	22.08.22	14.09.22	19.09.22	01.10.22

€	Net prices plus VAT (Standard shipping within Germany included)			
				46,00 €
	each additional required set of samples			26,00 €

➤	Sample material				
	CSF, lyophilized	2 samples each 3 ml			
	serum, lyophilized	2 samples each 1 ml			
➤	Analytes				
	albumin	glucose	IgG	IgM	indices
	total protein	lactate	IgA	quotients	diagnoses
➤	Information				
	The additional serum samples serve to calculate the corresponding quotients.				

KS - Clinical chemical analytes in serum „wet chemistry“

Survey	Application deadline	Sample dispatch date	survey period from to	
KS1/22	29.11.21	05.01.22	10.01.22	15.01.22
KS2/22	10.01.22	09.02.22	14.02.22	19.02.22
KS3/22	21.02.22	23.03.22	28.03.22	02.04.22
KS4/22	11.04.22	04.05.22	09.05.22	14.05.22
KS5/22	30.05.22	22.06.22	27.06.22	02.07.22
KS6/22	11.07.22	03.08.22	08.08.22	13.08.22
KS7/22	29.08.22	21.09.22	26.09.22	01.10.22
KS8/22	10.10.22	02.11.22	07.11.22	12.11.22

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results

1-8

48,00 €

9-12

51,00 €

each additional 4 pairs analytical results

3,00 €

each additional required pair of samples

26,00 €

➤ Sample material

serum, lyophilized, 2 samples each 5 ml

➤ Analytes

α-amylase	CK, creatine kinase	lipase
α-HBDH, lactate dehydrogenase-1-isoenzyme	iron	lithium
albumin (chem.)	γ-globulin (electrophoresis)	magnesium
albumin (electrophoresis)	γ-GT, L-γ-glutamyl-transferase	sodium
alkaline phosphatase	protein, total	osmolality
ALT, alanine aminotransferase (GPT)	GLDH, glutamate	pancreatic amylase
AST, aspartate aminotransferase (GOT)	dehydrogenase	phosphorus, inorganic
bilirubin, direct	glucose	acid phosphatase, total
bilirubin, total	uric acid	acid phosphatase, prostate (only enzyme activity)
calcium	urea	triglycerides
calcium, ionized	potassium	
chloride	creatinine	
cholesterol	copper	
cholinesterase	lactate	
	LDH, lactate dehydrogenase	

KU - Clinical chemical analytes in urine

Survey	Application deadline	Sample dispatch date	survey period from to	
KU1/22	06.12.21	12.01.22	17.01.22	29.01.22
KU2/22	21.02.22	23.03.22	28.03.22	09.04.22
KU3/22	23.05.22	15.06.22	20.06.22	02.07.22
KU4/22	22.08.22	14.09.22	19.09.22	01.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

45,00 €

each additional required pair of samples

29,00 €

➤ Sample material

urine, lyophilized, 2 samples each 5 ml

Analytes			
albumin	urea	Test strip	
α1-microglobulin	IgG	bilirubin	nitrite
α2-macroglobulin	potassium	ketone	specific gravity
calcium, total	creatinine	pH	urobilinogen
chloride	magnesium	protein	
citrate	sodium	glucose	
protein, total	osmolality	hemoglobin	
glucose	oxalate	leukocytes	
uric acid	phosphorus, inorganic	microalbumin	

Information			
The test for pregnancy from urine will be offered in a separate survey. Please see at KUST.			
A diagnosis of proteinuria can also be given. Clinical information will be available.			

LP - Lipoproteins

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
LP1/22	10.01.22	02.02.22	07.02.22	19.02.22
LP2/22	28.03.22	20.04.22	25.04.22	07.05.22
LP3/22	13.06.22	06.07.22	11.07.22	23.07.22
LP4/22	05.09.22	28.09.22	04.10.22	15.10.22

€	Net prices plus VAT (Standard shipping within Germany included)			
				49,00 €
			each additional required pair of samples	30,00 €

Sample material			
serum, lyophilized, 2 samples each 3 ml			

Analytes			
apolipoproteins (A, B)	homocysteine	lipoprotein(a)	
cholesterol	LDL	triglycerides	
HDL			

NBS - Newborn screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
NBS1/22	20.12.21	26.01.22	31.01.22	19.02.22
NBS2/22	28.02.22	06.04.22	11.04.22	30.04.22
NBS3/22	06.06.22	29.06.22	04.07.22	23.07.22
NBS4/22	22.08.22	14.09.22	19.09.22	08.10.22

€	Net prices plus VAT (Standard shipping within Germany included)			
				45,00 €
			each additional required set of samples	28,00 €

Sample material			
filter papers, each with 2 dried blood spots			

Analytes			
TSH			
17-OH-progesterone			
IRT			
PAP			

OH - Hemoglobin derivates

Survey	Application deadline	Sample dispatch date	survey period from to	
OH1/22	06.12.21	12.01.22	17.01.22	29.01.22
OH2/22	14.03.22	06.04.22	11.04.22	23.04.22
OH3/22	27.06.22	20.07.22	25.07.22	06.08.22
OH4/22	19.09.22	12.10.22	17.10.22	29.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples 39,00 €
23,00 €

➤ **Sample material**

hemolysate, 2 samples each 0,5 ml

➤ **Analytes**

hemoglobin (total)

oxyhemoglobin (HbO₂)

carboxyhemoglobin (COHb)

methemoglobin (metHb)

OS - Bone metabolism

Survey	Application deadline	Sample dispatch date	survey period from to	
OS1/22	17.01.22	06.04.22	11.04.22	23.04.22
OS2/22	09.05.22	31.08.22	05.09.22	17.09.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples 90,00 €
52,00 €

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

➤ **Analytes**

osteocalcin

bone specific alkaline phosphatase (BAP)

CTx (CrossLaps)

P1NP

PH - Photometer control

Survey	Application deadline	Sample dispatch date	survey period from to	
PH1/22	03.01.22	26.01.22	31.01.22	12.02.22
PH2/22	01.08.22	24.08.22	29.08.22	10.09.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required set of samples 30,00 €
20,00 €

➤ **Sample material**

watery coloured solutions, 6 ampoules each 10 ml

➤ **Wave lengths**

260 nm

340 nm

546 nm

280 nm

365 / 366 nm

560 nm

334 nm

405 nm

➤ **Information**

The participant measures the absorption of the coloured solutions.

The survey is an instrument control and can also aid in detecting the smaller inaccuracies of a photometer before they are identified in analyses results.

Only the wave lengths listed can be tested.

RE - Reticulocytes

Survey	Application deadline	Sample dispatch date	survey period from to	
RE1/22	06.12.21	01.02.22	02.02.22	09.02.22
RE2/22	07.03.22	10.05.22	11.05.22	18.05.22
RE3/22	16.05.22	12.07.22	13.07.22	20.07.22
RE4/22	08.08.22	04.10.22	05.10.22	12.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

56,00 €
each additional required pair of samples 40,00 €

➤ **Sample material**

blood preparation, liquid, 2 samples each about 1 ml

➤ **Analyte**

reticulocyte count

➤ **Information**

The samples can be used for a counting by visual microscopy or by automated cell counting.

RF - Rheumatoid factors

Survey	Application deadline	Sample dispatch date	survey period from to	
RF1/22	24.01.22	16.02.22	21.02.22	05.03.22
RF2/22	11.04.22	04.05.22	09.05.22	21.05.22
RF3/22	06.07.22	27.07.22	01.08.22	13.08.22
RF4/22	12.08.22	28.09.22	04.10.22	15.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material	fee	additional set
set 1	39,00 €	23,00 €
set 2	26,00 €	20,00 €
set 1 and set 2	54,00 €	

➤ **Sample material**

serum, lyophilized, 2 samples each 1 ml

➤ **Analytes**

set 1

rheumatoid factors

anti-CCP-Ab (anti-cyclic citrullinated peptide antibodies)

IgA-RF

IgG-RF

IgM-RF

qualitative and quantitative

set 2

anti-streptolysin O

qualitative and quantitative

SA - Thyroid antibodies

Survey	Application deadline	Sample dispatch date	survey period from to	
SA1/22	06.12.21	02.03.22	07.03.22	19.03.22
SA2/22	16.05.22	03.08.22	08.08.22	20.08.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

54,00 €

each additional required pair of samples

40,00 €

➤ Sample material

serum, lyophilized, 2 samples each 1 ml

➤ Analytes

TSH-R Ab: thyrotropin-receptor antibodies (TR Ab)
TPO Ab: thyroid peroxidase antibodies (TPO Ab)
TG Ab: thyroglobulin antibodies (TG Ab)

SD - Pregnancy diagnostic

Survey	Application deadline	Sample dispatch date	survey period from to	
SD1/22	22.11.21	05.01.22	10.01.22	29.01.22
SD2/22	07.03.22	30.03.22	04.04.22	23.04.22
SD3/22	30.05.22	22.06.22	27.06.22	16.07.22
SD4/22	15.08.22	07.09.22	12.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material	fee	additional set
set 1	43,00 €	24,00 €
set 2	39,00 €	27,00 €
set 1 and set 2	73,00 €	

➤ Sample material

serum, lyophilized

set 1: 2 samples each 2 ml
set 2: 2 samples each 1 ml

In set 2 (free estriol) nativ, human samples are used.

➤ Analytes

set 1

AFP
anti-Müllerian hormone (AMH)
hCG
free β -hCG
PAPP-A

set 2

free estriol

➤ Information

The samples offered in this survey will contain analytes in a concentration range relevant for pregnancy diagnostic. For the qualitative test for pregnancy please order the survey KUST.

SP - Trace elements in urine

Survey	Application deadline	Sample dispatch date	survey period from to	
SP1/22	24.01.22	16.02.22	21.02.22	12.03.22
SP2/22	11.07.22	03.08.22	08.08.22	27.08.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

51,00 €
each additional required pair of samples **37,00 €**

➤ **Sample material**

urine, lyophilized, 2 samples each 10 (2 × 5) ml

➤ **Analytes**

aluminium	chromium	fluoride	manganese	selenium
arsenic	cobalt	iron	mercury	zinc
cadmium	copper	lead	nickel	

SV - Saliva diagnostic

Survey	Application deadline	Sample dispatch date	survey period from to	
SV1/22	17.01.22	06.04.22	11.04.22	23.04.22
SV2/22	09.05.22	31.08.22	05.09.22	17.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

32,00 €
each additional required pair of samples **22,00 €**

➤ **Sample material**

saliva preparation, liquid or lyophilized, 2 samples each 2 ml

➤ **Analytes**

cortisol, 17-OH-progesterone

SW - Sweat analysis

Survey	Application deadline	Sample dispatch date	survey period from to	
SW1/22	21.02.22	16.03.22	21.03.22	02.04.22
SW2/22	18.07.22	10.08.22	15.08.22	27.08.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

32,00 €
each additional required pair of samples **22,00 €**

➤ **Sample material**

sweat preparation, liquid or lyophilized, 2 samples each 1 ml

➤ **Analytes**

chloride, conductivity

TH - Thrombophilia screening

Survey	Application deadline	Dispatch date	Closing date
TH1/22	05.12.21	08.03.22	12.04.22
TH2/22		24.05.22	28.06.22
TH3/22		30.08.22	04.10.22
TH4/22		08.11.22	13.12.22

€

Net prices plus VAT (Standard shipping within Germany included)

Please note, that you can only place one order comprising all two or four surveys of the scheme
Ordering a single survey (one/two times a year) is not possible in this case.

Fee

Result submission via internet/report internet, annual subscription fee	132,50 €
Result submission via internet/report internet+post, annual subscription fee	275,00 €

The following prices are valid in each case for all four surveys:

Thrombophilia module I	375,00 €
Thrombophilia module II	151,50 €
Lupus Anticoagulant / Antiphospholipid Antibodies	177,50 €
Von Willebrand Faktor module	282,50 €
ADAMTS-13 - I (activity and antigen)	197,50 €
Factor XIII (activity and antigen)	141,00 €
Fibrinolysis parameters I (Plasminogen, Antiplasmin)	137,00 €
Fibrinolysis parameters II (t-PA, PAI-1)	137,00 €
Unfractionated Heparin Monitoring (anti-Xa)	123,50 €
Low-Molecular Weight Heparin Monitoring (anti-Xa)	123,50 €

The following prices are valid in each case for all two surveys:

Faktor VIII Inhibitor	185,00 €
Thrombin generation test	147,00 €
ADAMTS-13 - II (antibodies)	128,50 €
Factor IX Inhibitor	185,00 €
HIT I - (Immunological testing)	215,00 €

The following prices are valid in each case for one survey

ADAMTS-13 - III (functional inhibitor) test	95,00 €
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➤ Sample material

plasma or serum, human, lyophilized, ca. 0,5 - 1 ml (1 or 2 sample(s) each)

➤ Analytes 4 per year: TH1/22, TH2/22, TH3/22, TH4/22

Thrombophilia module I

Includes an annual report on the long-term evaluation of test results.

Antithrombin (activity and antigen)	Protein S activity
Protein C (activity [chromogenic and clotting] and antigen)	Protein S antigen (free and total)

Thrombophilia module II (APC Resistance)

Lupus Anticoagulant / Antiphospholipide Antibodies

Von Willebrand Faktor module (antigen, ristocetin cofactor activity, activity, collagen binding, multimers, Faktor VIII)

ADAMTS-13 - I (activity and antigen)

Factor XIII (activity and antigen)

Fibrinolysis parameters I (Plasminogen, Antiplasmin)

Fibrinolysis parameters II (t-PA, PAI-1)

Unfractionated Heparin Monitoring (anti-Xa)

Low-Molecular Weight heparin Monitoring (anti-Xa)

➤ Analytes 2 per year:

Faktor VIII Inhibitor (TH2/22 + TH4/22)

Thrombin Generation Test (TH2/22 + TH4/22)

ADAMTS-13 - II (antibodies) (TH2/22 + TH4/22)

Faktor IX Inhibitor (TH1/22 + TH3/22)

HIT - I Immunological assays (TH1/22 + TH3/22)

➤ Analytes 1 per year:

ADAMTS-13 - III (functional inhibitor) (TH2/22)

Information

In cooperation with the Dutch organization ECAT the Reference Institute for Bioanalytics provides special surveys for thrombophilia screening.

The preparation of the survey material, what is in most cases native patient material, the mailing of samples and the evaluation is done by our colleagues from the Netherlands.

Sample material

The samples will consist of lyophilized human plasma or serum with different volume (0,5 to 1 ml).

Per analyte or set of analytes you will get one or two sample(s).

Please note our deadline for the order and please use for the applications the special application form! We can not accept cancellations during the annual programme.

The result submission is only possible via internet.

This survey is not subject of the accredited area of the RfB.

The registration form for this survey you will find on page 59/60.

TM - Tumor markers group 1

Survey	Application deadline	Sample dispatch date	survey period from to	
TM1/22	22.11.21	05.01.22	10.01.22	29.01.22
TM2/22	07.03.22	30.03.22	04.04.22	23.04.22
TM3/22	30.05.22	22.06.22	27.06.22	16.07.22
TM4/22	15.08.22	07.09.22	12.09.22	01.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

evaluation pair analytical results	
1-2	46,00 €
3-6	51,00 €
each additional 4 pairs of analytical results	5,00 €
each additional required pair of samples	36,00 €

Sample material

serum, lyophilized, 2 samples each 2,5 ml

Analytes

AFP	calcitonin	β -2-microglobulin	S-100
CA 15-3	CEA	PAP (only mass concentration, no enzyme activity)	SCC
CA 19-9	CYFRA	PSA	thyroglobulin
CA 72-4	hCG	cPSA (complexed PSA)	TPA
CA 125	NSE	PSA free	TPS

TMX - Tumor markers group 2

Survey	Application deadline	Sample dispatch date	survey period from to	
TMX1/22	22.11.21	05.01.22	10.01.22	29.01.22
TMX2/22	07.03.22	30.03.22	04.04.22	23.04.22
TMX3/22	30.05.22	22.06.22	27.06.22	16.07.22
TMX4/22	15.08.22	07.09.22	12.09.22	01.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

	34,00 €
each additional required pair of samples	24,00 €

Sample material

serum, lyophilized, 2 samples each 1 ml

Analytes

chromogranin A	human epidermal growth factor receptor 2	CA 50
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TR - Clinical chemical analytes in serum „dry chemistry“

Survey	Application deadline	Sample dispatch date	survey period from to	
TR1/22	22.11.21	05.01.22	10.01.22	22.01.22
TR2/22	21.02.22	16.03.22	21.03.22	02.04.22
TR3/22	06.06.22	29.06.22	04.07.22	16.07.22
TR4/22	03.10.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

evaluation pair analytical results

1-8	44,00 €
9-12	48,00 €
each additional 4 pairs of analytical results	4,00 €
each additional required pair of samples	25,00 €

➤ Sample material

serum, lyophilized, 2 samples each 5 ml

➤ Analytes

α-amylase	iron	lithium
albumin	γ-GT, L-γ-glutamyl transferase	magnesium
alkaline phosphatase	protein, total	sodium
ALT, alanine-aminotransferase (GPT)	glucose	pancreatic amylase
AST, aspartate-aminotransferase (GOT)	uric acid	phosphorus inorganic
bilirubin, total	urea	triglycerides
calcium	potassium	
chloride	creatinine	
cholesterol	lactate	
cholinesterase	LDH, lactate dehydrogenase	
CK, creatine kinase	lipase	

➤ Information

This offer is addressed to users of Vitros and Reflotron systems and other „dry chemistry“ instruments.

VT - Vitamins and analgesics

Survey	Application deadline	Sample dispatch date	survey period from to	
VT1/22	07.02.22	02.03.22	07.03.22	19.03.22
VT2/22	11.07.22	03.08.22	08.08.22	20.08.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

	44,00 €
each additional required pair of samples	27,00 €

➤ Sample material

serum, lyophilized, 2 samples each 3 ml

➤ Analytes

vitamin A	(retinol)	folic acid
vitamin B ₆	(pyridoxal-5-phosphate)	salicylic acid
vitamin B ₁₂	(cyanocobalamin)	paracetamol / acetaminophen
vitamin B ₁	(thiamine)	
vitamin D	25-OH-D3 (25-OH-cholecalciferol), 25-(OH) ₂ -D3 and 25-OH-vitamin D total	
vitamin E	(tocopherol)	

ZL - Cell count in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from to	
ZL1/22	01.11.21	01.03.22	07.03.22	12.03.22
ZL2/22	13.06.22	14.09.22	19.09.22	24.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

72,00 €
each additional required pair of samples 52,00 €

➤ **Sample material**

punctuated, liquid, 2 samples each about 2 ml

➤ **Analytes**

erythrocyte count
leukocyte count

➤ **Information**

In this survey erythrocytes (RBC) and leukocytes (WBC) can be counted with visual methods (microscope) or electronic methods from a cerebrospinal fluid. This survey is only addressed to methods that can detect erythrocytes < 500/μl. If the detection limit of the method for erythrocytes = 1,000/μl, participation in the survey Bodyfluid (BF) is recommended.

ZY - Cytokines

Survey	Application deadline	Sample dispatch date	survey period from to	
ZY1/22	24.01.22	16.02.22	21.02.22	05.03.22
ZY2/22	04.04.22	27.04.22	02.05.22	14.05.22
ZY3/22	06.07.22	27.07.22	01.08.22	13.08.22
ZY4/22	03.10.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

44,00 €
each additional required pair of samples 28,00 €

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

➤ **Analytes**

Interleukin-1 β (IL-1 β)	lipopolysaccharide-binding-protein (LBP)
Interleukin-6 (IL-6)	procalcitonin (PCT)
Interleukin-8 (IL-8)	soluble IL-2 receptor (sIL-2R)
Interleukin-10 (IL-10)	tumor necrosis factor-alpha (TNFα)

PCT-POCT
IL-6-POCT

Qualitative determinations

AI - Antinuclear antibodies

Survey	Application deadline	Sample dispatch date	survey period from to	
AI1/22	13.12.21	23.02.22	28.02.22	12.03.22
AI2/22	20.06.22	31.08.22	05.09.22	17.09.22

€ Net prices plus VAT (Standard shipping within Germany included)

material	fee	additional set
set 1	76,00 €	44,00 €
set 2	72,00 €	44,00 €
set 1 and set 2	131,00 €	

Sample material

serum/plasma, lyophilized

set 1: about 6 samples each 0,5 ml

set 2: about 6 samples each 0,5 ml

Analytes

set 1

ANA (antinuclear ab)
ENA (extractable antinuclear ab)
ds-DNA-ab
ANCA (antineutrophil cytoplasmatic ab)

set 2

AMA (antimitochondrial ab)
SMA (smooth muscle ab)
LKM-1 (liver-kidney-microsomes)
GBM (glomerular base membran ab)
Antiphospholipide ab
Celiac disease ab
Onconeural ab

AL - Allergology

Survey	Application deadline	Sample dispatch date	survey period from to	
AL1/22	17.01.22	09.02.22	14.02.22	26.02.22
AL2/22	11.04.22	04.05.22	09.05.22	21.05.22
AL3/22	04.07.22	27.07.22	01.08.22	13.08.22
AL4/22	05.09.22	28.09.22	04.10.22	15.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

material	fee	additional set
set 1	30,00 €	13,00 €
set 2	62,00 €	41,00 €
set 1 and set 2	74,00 €	

Sample material

serum, lyophilized

set 1: 2 samples each 1 ml

for IgE total

serum, lyophilized

set 2: 2 samples each 1 ml

for specific IgE antibodies

The volume of the specimens can be different depending on the producer.

The samples for the determination of specific IgE-antibodies (set 2) contain seasonal and perennial allergens from inhalation, food and insects. Expected the following allergens will be offered (changes may be possible):

AL1/22: peach (f95), horse (dander) (e3), hazelnut (t4), honey bee venom (i1), june grass (g8), sesam (bruised grain) (f10)

AL2/22: cow's milk (f2), dog (hair) (e2), birch (t3), wasp venom (i3), timothy grass (g6), Ficus benjamina (k81)

AL3/22: soybean (f14), D. pteronyssinus (d1), ash (t25), honey bee venom (i1), ribwort plantain (w9), pear (f94)

AL4/22: peanut (f13), cat (dander) (e1), mugwort (w6), wasp venom (i3), celeriac (f85), alder (t2)

Analytes

IgE

specific IgE antibodies

Information

From a large number of possible IgE-antibodies we will supply changing groups of antibodies for investigation. It is also possible to give a classification of the stage of sensibilisation.

BorrBimm - Anti-Borrelia burgdorferi

Survey	Application deadline	Sample dispatch date	survey period from to	
BorrBimm1/22	18.04.22	25.05.22	30.05.22	11.06.22
BorrBimm2/22	15.08.22	21.09.22	26.09.22	08.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

49,00 €
each additional required set of samples **27,00 €**

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-Borrelia burgdorferi IgG Anti-Borrelia burgdorferi IgM Anti-Borrelia burgdorferi total

CMVimm - CMV Serology

Survey	Application deadline	Sample dispatch date	survey period from to	
CMVimm1/22	03.01.22	09.03.22	14.03.22	26.03.22
CMVimm2/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

92,00 €
each additional required set of samples **46,00 €**

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-CMV IgG + total Anti-CMV IgM

CoVimm - SARS-CoV-2 Immunology

Survey	Application deadline	Sample dispatch date	survey period from to	
CoVimm1/22	25.04.22	18.05.22	23.05.22	28.05.22
CoVimm2/22	22.08.22	12.10.22	17.10.22	23.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

92,00 €
each additional required set of samples **46,00 €**

➤ **Sample material**

4 liquid samples 0,4 - 0,6 ml of defibrinated serum

➤ **Analytes**

Anti-SARS-CoV-2 total Anti-S (Spike-protein) total Anti-N (Nucleocapsid) total

DF - Hematology - Differential blood count

Survey	Application deadline	Sample dispatch date	survey period from to	
DF1/22	06.12.21	19.01.22	24.01.22	05.02.22
DF2/22	14.03.22	20.04.22	25.04.22	07.05.22
DF3/22	20.06.22	13.07.22	18.07.22	30.07.22
DF4/22	29.08.22	21.09.22	26.09.22	08.10.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		46,00 €
	each additional required pair of samples	28,00 €

➤ **Sample material**

2 blood slides, **stained** Pappenheim. Both slides are normally also available by smears of virtual microscopy.

DS - Drug screening in urine

Survey	Application deadline	Sample dispatch date	survey period from to	
DS1/22	17.01.22	09.02.22	14.02.22	26.02.22
DS2/22	11.04.22	04.05.22	09.05.22	21.05.22
DS3/22	27.06.22	20.07.22	25.07.22	06.08.22
DS4/22	03.10.22	26.10.22	31.10.22	12.11.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		61,00 €
	each additional required pair of samples	35,00 €

➤ **Sample material**

urine, lyophilized, 2 samples each 10 ml

➤ **Analytes**

amphetamine	(about 30 different)	methadon/metab.	
barbiturates	(about 30 different)	methylphenidate	
benzodiazepines	(about 50 different)	opiates/opioide	(about 30 different)
cannabinoids		phencyclidine	
cocain/metab.		pregabalin	
LSD		tricycl. antidepressants	(about 10 different)

➤ **Information**

Per survey the samples do contain selected drugs from a lot of substances of a drug group.
The parameters specified in this survey are to be determined primarily by means of qualitative immunoassays.
In this survey, users of chromatographic methods are required to merely provide the confirmatory analysis for one lead compound. We offer systematic toxicological analysis in the SX survey as well in the TX survey, which is additionally to be assessed clinically with a case history.

EBVimm - Epstein-Barr-Virus serology

Survey	Application deadline	Sample dispatch date	survey period from to	
EBVimm1/22	17.01.22	23.02.22	28.02.22	12.03.22
EBVimm2/22	18.07.22	24.08.22	29.08.22	10.09.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		88,00 €
	each additional required set of samples	46,00 €

➤ **Sample material**

plasma, 4 samples, each 500 µl

➤ **Analytes**

EBV-EBNA	IgG
EBV-VCA	IgG + IgM
EBV-EA (early antigen)	IgG

HAVimm - HAV serology

Survey	Application deadline	Sample dispatch date	survey period from to	
HAVimm1/22	03.01.22	09.03.22	14.03.22	26.03.22
HAVimm2/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

72,00 €

each additional required set of samples

46,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-HAV IgG

Anti-HAV IgM

Anti-HAV total

HBVimm1 - HBV serology minor

Survey	Application deadline	Sample dispatch date	survey period from to	
HBVimm11/22	03.01.22	09.03.22	14.03.22	26.03.22
HBVimm12/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

92,00 €

each additional required set of samples

46,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

HBsAg

Anti-HBs

Anti-HBc

HBVimm2 - HBV serology major

Survey	Application deadline	Sample dispatch date	survey period from to	
HBVimm21/22	03.01.22	09.03.22	14.03.22	26.03.22
HBVimm22/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

124,00 €

each additional required set of samples

62,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

HBsAg

Anti-HBc

Anti-HBe

Anti-HBs

HBe

Anti-HBc-IgM

HCVimm - HCV serology

Survey	Application deadline	Sample dispatch date	survey period from to	
HCVimm1/22	03.01.22	09.03.22	14.03.22	26.03.22
HCVimm2/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

92,00 €

each additional required set of samples

46,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
- **Analytes**
Anti-HCV IgG + IgM

HerpVimm - Herpes viruses serology

Survey	Application deadline	Sample dispatch date	survey period from to	
HerpVimm1/22	17.01.22	23.02.22	28.02.22	12.03.22
HerpVimm2/22	18.07.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

set 1	82,00 €
set 2	82,00 €
set 1 + 2	134,00 €
each additional required set of samples	46,00 €

- **Sample material**
plasma, 4 samples, each 500 µl
- **Analytes**
Set 1: Anti-HSV 1/2, IgG + IgM
Set 2: Anti- VZV, IgG + IgM

HIVimm - HIV serology

Survey	Application deadline	Sample dispatch date	survey period from to	
HIVimm1/22	03.01.22	09.03.22	14.03.22	26.03.22
HIVimm2/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

	124,00 €
each additional required set of samples	62,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
- **Analytes**
Anti-HIV 1/2 Ak / Ag(p24)

HS - Urinary calculus

Survey	Application deadline	Sample dispatch date	survey period from to	
HS1/22	17.01.20	09.02.22	14.02.22	26.02.22
HS2/22	11.07.22	03.08.22	08.08.22	20.08.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

	40,00 €
each additional required set of samples	17,00 €

- **Sample material**
4 samples of pulverized urinary calculus components (pure, mixed, human stones)
- **Information**
Together with the evaluation of the survey you will get IR-spectra, which you can collect for an IR-catalog.

HTLVimm - Human T-lymphotropic virus

Survey	Application deadline	Sample dispatch date	survey period from to	
HTLVimm1/22	17.01.22	09.02.22	14.02.22	26.02.22
HTLVimm2/22	11.07.22	03.08.22	08.08.22	20.08.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		90,00 €
	each additional required set of samples	42,00 €

➤ **Sample material**
lyophilized plasma, 4 samples

➤ **Analyt**
Anti-Human T-lymphotropic virus

IA - Immunohematology for automated systems

Survey	Application deadline	Sample dispatch date	survey period from to	
IA1/22	10.01.22	01.02.22	02.02.22	12.02.22
IA2/22	21.03.22	12.04.22	13.04.22	23.04.22
IA3/22	04.07.22	26.07.22	27.07.22	06.08.22
IA4/22	26.09.22	18.10.22	19.10.22	29.10.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		85,00 €
	each additional required set of samples	43,00 €

➤ **Sample material**
whole blood, liquid 2 samples each about 2,5 ml

➤ **Analytes**
AB0-system (blood groups) Cw antigen
A-subgroups Kell antigen
rhesus-factor (D-variants) direct Coombs' test
rhesus-system (rhesus-formula) antibody test

IH - Immunohematology Major (extended offer)

Survey	Application deadline	Sample dispatch date	survey period from to	
IH1/22	24.01.22	15.02.22	16.02.22	26.02.22
IH2/22	04.04.22	26.04.22	27.04.22	07.05.22
IH3/22	06.06.22	28.06.22	29.06.22	09.07.22
IH4/22	12.08.22	04.10.22	05.10.22	15.10.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		61,00 €
	each additional required set of samples	31,00 €

➤ **Sample material**
erythrocyte suspension, liquid 2 samples each about 2 ml
serum, liquid 2 samples each about 6 ml

➤ **Analytes**
AB0-system (blood groups) Cw antigen antibody differentiation (serum)
A-subgroups Kell antigen antibody titer
rhesus-factor (D-variants) direct Coombs' test
rhesus-system (rhesus-formula) antibody test

➤ **Information**
In this survey - in addition to the analytes of the basic program (Minor) - includes antibody differentiation.

IM - Immunohematology Minor (basic programm)

Survey	Application deadline	Sample dispatch date	survey period from to	
IM1/22	24.01.22	15.02.22	16.02.22	26.02.22
IM2/22	04.04.22	26.04.22	27.04.22	07.05.22
IM3/22	06.06.22	28.06.22	29.06.22	09.07.22
IM4/22	12.08.22	04.10.22	05.10.22	15.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required set of samples 52,00 €
26,00 €

➤ Sample material

erythrocyte suspension, liquid 2 samples about 2 ml
serum, liquid 2 samples about 3 ml

➤ Analytes

AB0-system (blood groups) rhesus-system (rhesus-formula) Kell antigen
A-subgroups Cw antigen direct Coombs' test
rhesus-factor (D-variants) antibody test

KUST - Clinical chemistry in urine, test strip and pregnancy test, qualitative

Survey	Application deadline	Sample dispatch date	survey period from to	
KUST1/22	06.12.21	12.01.22	17.01.22	29.01.22
KUST2/22	21.02.22	23.03.22	28.03.22	09.04.22
KUST3/22	23.05.22	15.06.22	20.06.22	02.07.22
KUST4/22	22.08.22	14.09.22	19.09.22	01.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

each additional required pair of samples 25,00 €
16,00 €

➤ Sample material

urine, lyophilized qualitative, 2 samples each 5 ml, investigation for test strips

➤ Analytes

Test strip	pH	hemoglobin	pregnancy
bilirubin	protein	leukocytes	specific gravity
ketone	glucose	nitrite	urobilinogen
	microalbumin		

MaMulmm - Morbilli and mumps serology

Survey	Application deadline	Sample dispatch date	survey period from to	
MaMulmm1/22	17.01.22	23.02.22	28.02.22	12.03.22
MaMulmm2/22	18.07.22	24.08.22	29.08.22	10.09.22

€ Net prices plus VAT (Standard shipping within Germany included)

set 1 82,00 €
set 2 82,00 €
set 1 + 2 134,00 €
each additional required set of samples 46,00 €

➤ Sample material

plasma, 4 samples, each 500 µl

➤ Analytes

set 1: anti morbilli virus IgG + IgM
set 2: anti mumps virus IgG + IgM

OB - Oligoclonal bands in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from to	
OB1/22	07.02.22	02.03.22	07.03.22	26.03.22
OB2/22	25.07.22	17.08.22	22.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

40,00 €

each additional required pair of samples

20,00 €

➤ Sample material

CSF, lyophilized or liquid 2 samples each 1 ml
serum, lyophilized or liquid 2 samples each 1 ml

➤ Analytes

oligoclonal bands in cerebrospinal fluid; diagnosis can be given.

pvB19imm - Parvovirus B19 serology

Survey	Application deadline	Sample dispatch date	survey period from to	
pvB19imm1/22	03.01.22	09.03.22	14.03.22	26.03.22
pvB19imm2/22	20.06.22	24.08.22	29.08.22	10.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

92,00 €

each additional required set of samples

46,00 €

➤ Sample material

4 liquid samples of defibrinated plasma or serum

➤ Analytes

Anti-Parvovirus B19 IgG + total Anti-Parvovirus B19 IgM

RoetLimm - Anti-Rubella-Virus

Survey	Application deadline	Sample dispatch date	survey period from to	
RoetLimm1/22	18.04.22	25.05.22	30.05.22	11.06.22
RoetLimm2/22	15.08.22	21.09.22	26.09.22	08.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

49,00 €

each additional required set of samples

27,00 €

➤ Sample material

4 liquid samples of defibrinated plasma or serum

➤ Analytes

Anti-Rubella-Virus IgG Anti-Rubella-Virus IgM Anti-Rubella-Virus total

SX - Systematic toxicologic analysis

Survey	Application deadline	Sample dispatch date	survey period from to	
SX1/22	14.03.22	20.04.22	25.04.22	14.05.22
SX2/22	20.06.22	10.08.22	15.08.22	03.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

88,00 €

each additional required pair of samples

58,00 €

- **Sample material**
urine, lyophilized, 2 samples each 10 ml

- **Analytes**
From a list of 30 substances (www.rfb.bio/cgi/anaLists/SX/en), the proof of 6 - 8 substances with chromatographic methods is required in both samples.

ToxoGimm - Anti-Toxoplasma-gondii

Survey	Application deadline	Sample dispatch date	survey period from to	
ToxoGimm1/22	18.04.22	25.05.22	30.05.22	11.06.22
ToxoGimm2/22	15.08.22	21.09.22	26.09.22	08.10.22

- € **Net prices plus VAT** (Standard shipping within Germany included)
- 49,00 €**
- each additional required set of samples 27,00 €**

- **Sample material**
4 liquid samples of defibrinated plasma or serum

- **Analytes**
Anti-Toxoplasma-gondii IgG Anti-Toxoplasma-gondii IgM Anti-Toxoplasma-gondii total

TrepPimm - Anti-Treponema pallidum

Survey	Application deadline	Sample dispatch date	survey period from to	
TrepPimm1/22	18.04.22	25.05.22	30.05.22	11.06.22
TrepPimm2/22	15.08.22	21.09.22	26.09.22	08.10.22

- € **Net prices plus VAT** (Standard shipping within Germany included)
- 49,00 €**
- each additional required set of samples 27,00 €**

- **Sample material**
4 liquid samples of defibrinated plasma or serum

- **Analytes**
Anti-Treponema pallidum IgG Anti-Treponema pallidum IgM Anti-Treponema pallidum total

TX - Toxicologic analyses

Survey	Application deadline	Sample dispatch date	survey period from to	
TX1/22	17.01.22	09.02.22	14.02.22	26.02.22
TX2/22	27.06.22	20.07.22	25.07.22	06.08.22

- € **Net prices plus VAT** (Standard shipping within Germany included)
- 50,00 €**
- each additional required pair of samples 36,00 €**

- **Sample material**
urine, lyophilized 2 samples 5 ml
serum, lyophilized 1 sample 5 ml

- **Analytes**
qualitative search for foreign substances in urine/serum

- **Information**
The samples contain one or more pharmaceutical drugs or toxic agents. Together with a patient history the substances found should be interpreted. In general the use of chromatographic methods is essential to succeed in this survey.

US - Urine sediment

Survey	Application deadline	Dispatch date of instruction	survey period from to	
US1/22	28.02.22	16.03.22	21.03.22	16.04.22
US2/22	12.09.22	21.09.22	26.09.22	22.10.22

€ Fee for each survey, net prices plus VAT

22,00 €

➤ Sample material

web-based, virtual microscopy of two urine sediments

➤ Analytes

Qualitative and semi-quantitative determinations
Morphology

VariAimm - Various immunological analytes

Survey	Application deadline	Sample dispatch date	survey period from to	
VariAimm1/22	18.04.22	25.05.22	30.05.22	11.06.22
VariAimm2/22	15.08.22	21.09.22	26.09.22	08.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

44,00 €

each additional required set of samples

26,00 €

➤ Sample material

4 liquid samples of defibrinated plasma or serum

➤ Analytes

set 1: Anti-Echinococcus IgG
set 2: Anti-Entamoeba histolytica IgG
set 3: Anti-Plasmodium total
set 4: Anti-Schistosoma IgG
set 5: Anti-Candida albicans IgG
set 6: Anti-Streptokokken-Desoxyribonuklease IgG

ZZ - Cerebrospinal fluid cytology

Survey	Application deadline	Dispatch date of instruction	survey period from to	
ZZ1/22	02.05.22	10.05.22	16.05.22	28.05.22
ZZ2/22	12.09.22	21.09.22	26.09.22	08.10.22

€ Fee for each survey, net prices plus VAT

44,00 €

➤ Sample material

web-based assessment of cytopspin preparation with clinical case history, 2 samples

➤ Analytes

Both preparations are to be assessed for morphology and diagnosis

Direct detection of pathogens

BA - Bacteriology Major

Survey	Application deadline	Sample dispatch date	survey period from to	
BA1/22	14.02.22	10.05.22	16.05.22	28.05.22
BA2/22	11.07.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

92,00 €

➤ **Sample material**

lyophilized control samples, 5 strains (samples A to E)

➤ **Investigation target**

identification and resistance testing

BakNAT1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period from to	
BakNAT11/22	21.03.22	11.05.22	16.05.22	28.05.22
BakNAT12/22	05.09.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

one analyte 160,00 €
each additional required analyte 56,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

Analyte 1: Bordetella pertussis
Analyte 2: Chlamydia pneumoniae
Analyte 3: Mycoplasma pneumoniae
Analyte 4: Coxiella burnetii
Analyte 5: Francisella tularensis
Analyte 6: Legionella pneumophila
Analyte 7: MRSA

BakNAT2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period from to	
BakNAT21/22	21.03.22	11.05.22	16.05.22	28.05.22
BakNAT22/22	05.09.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

one analyte 160,00 €
each additional required analyte 56,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

Analyte 1: Salmonella enterica
Analyte 2: EHEC/STEC
Analyte 3: Helicobacter pylori
Analyte 4: Listeria monocytogenes
Analyte 5: Borrelia burgdorferi

BakNAT3 - Genome evidence group 3

Survey	Application deadline	Sample dispatch date	survey period from to	
BakNAT31/22	21.03.22	11.05.22	16.05.22	28.05.22
BakNAT32/22	05.09.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

one analyte **160,00 €**
each additional required analyte **56,00 €**

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

Analyte 1: Chlamydia trachomatis

Analyte 2: Neisseria gonorrhoeae

BAK-TK - Proficiency panel to detect bacteria in platelet concentrates

Survey	Application deadline	Sample dispatch date	survey period from to	
BAK-TK1/22 Set 1	21.03.22	20.04.22	21.04.22	22.04.22
BAK-TK1/22 Set 2 + 3	21.03.22	20.04.22	21.04.22	04.05.22
BAK-TK2/22 Set 1	03.10.22	02.11.22	03.11.22	04.11.22
BAK-TK2/22 Set 2 + 3	03.10.22	02.11.22	03.11.22	16.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

set 1	200,00 €	set 1 + 2	250,00 €
set 2	150,00 €	set 2 + 3	250,00 €
		set 1 + 2 + 3	350,00 €

➤ **Sample material**

set 1: 6 samples of platelet concentrates

set 2 + 3: 6 samples of platelet concentrates

➤ **Investigation target**

set 1: Detection with rapid methods

set 2: Detection with culture methods

set 3: Identification of bacteria

➤ **Information**

Set 3 can only be ordered in conjunction with set 2.

Due to German postal regulations for infectious material these surveys cannot be delivered to participants outside Germany.

BM - Bacteriology Minor

Survey	Application deadline	Sample dispatch date	survey period from to	
BM1/22	14.02.22	10.05.22	16.05.22	28.05.22
BM2/22	11.07.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

68,00 €

➤ **Sample material**

lyophilized control samples, 3 strains (samples A to C)

➤ **Investigation target**

identification and resistance testing

B-Stscre - B-Streptococci screening

Survey	Application deadline	Sample dispatch date	survey period from to	
B-Stscre1/22	07.02.22	30.03.22	04.04.22	16.04.22
B-Stscre2/22	15.08.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

83,00 €

➤ **Sample material**

4 samples, gel smear tubes

➤ **Analytes**

B-Streptococci screening for cultural evidence and NAT-methods

CdToxin - Clostridium (Clostridiodes) difficile toxin genome

Survey	Application deadline	Sample dispatch date	survey period from to	
CdToxin1/22	07.02.22	30.03.22	04.04.22	16.04.22
CdToxin2/22	15.08.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

124,00 €

each additional required set of samples

44,00 €

➤ **Sample material**

4 lyophilized control samples

➤ **Analyte**

Clostridium (Clostridiodes) difficile toxin genome

ChlamTra - Chlamydia trachomatis AG

Survey	Application deadline	Sample dispatch date	survey period from to	
ChlamTra1/22	21.03.22	11.05.22	16.05.22	28.05.22
ChlamTra2/22	05.09.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

53,00 €

each additional required set of samples

28,00 €

➤ **Sample material**

urine, 4 samples, each 0,5 ml

➤ **Analyte**

Chlamydia trachomatis antigen

CoVag - Evidence of SARS-CoV-2 antigen

Survey	Application deadline	Sample dispatch date	survey period from to	
CoVag1/22	31.01.22	09.03.22	14.03.22	26.03.22
CoVag2/22	18.07.22	24.08.22	29.08.22	10.09.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		150,00 €
	each additional required set of samples	50,00 €

- **Sample material**
4 samples, inactive virus in 1ml cell culture supernatant

- **Analyte**
SARS-CoV-2 antigen

CoVpcr - Genome evidence of SARS-CoV-2 and variants of concern

Survey	Application deadline	Sample dispatch date	survey period from to	
CoVpcr1/22	31.01.22	09.03.22	14.03.22	26.03.22
CoVpcr2/22	18.07.22	24.08.22	29.08.22	10.09.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		200,00 €
	each additional required set of samples	50,00 €

- **Sample material**
4 samples, inactive virus in 1ml cell culture supernatant

- **Analyte**
Qualitative evidence of SARS-CoV-2 genome
Determination of the variants

CrypCand - Cryptococcus neoformans and candida albicans antigen

Survey	Application deadline	Sample dispatch date	survey period from to	
CrypCand1/22	21.03.22	10.05.22	16.05.22	28.05.22
CrypCand2/22	09.09.22	26.10.22	31.10.22	12.11.22

€	Net prices plus VAT (Standard shipping within Germany included)	
		63,00 €
	each additional required set of samples	28,00 €

- **Sample material**
serum, 4 samples, each 0,5 ml

GP - Gram-staining

Survey	Application deadline	Sample dispatch date	survey period from to	
GP1/22	10.01.22	23.02.22	28.02.22	12.03.22
GP2/22	04.07.22	17.08.22	22.08.22	03.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

38,00 €

each additional required pair of samples

16,00 €

➤ **Sample material**

2 fixed unstained smears

➤ **Examination**

Judgement of staining and morphology

HEVpcr - Hepatitis E virus

Survey	Application deadline	Sample dispatch date	survey period from to	
HEVpcr1/22	17.01.22	09.02.22	14.02.22	26.02.22
HEVpcr2/22	11.07.22	03.08.22	08.08.22	20.08.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

140,00 €

each additional required set of samples

56,00 €

➤ **Sample material**

human plasma, 4 samples (liquid ready to use)

➤ **Analyte**

Hepatitis E virus

Infl-RSV - Influenza and RSV antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from to	
Infl-RSV1/22	21.02.22	27.04.22	02.05.22	14.05.22
Infl-RSV2/22	15.08.22	19.10.22	24.10.22	05.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

one analyte
both analytes

84,00 €

130,00 €

➤ **Sample material**

NaCl-matrix, 4 samples, each 1 ml

➤ **Analytes**

Analyte 1: Influenza Ag
Analyte 2: RSV Ag

MMRpcr - Genome evidence measles, mumps, rubella

Survey	Application deadline	Sample dispatch date	survey period from to	
MMRpcr1/22	07.02.22	29.03.22	04.04.22	16.04.22
MMRpcr2/22	15.08.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

one analyte 150,00 €
both analytes 50,00 €

➤ **Sample material**

4 samples, virus material in plasma

➤ **Analytes**

Set 1: Measels virus

Set 2: Mumps virus

Set 3: Rubella virus

MRGNscre - MRGN Screening

Survey	Application deadline	Sample dispatch date	survey period from to	
MRGNscre1/22	07.02.22	30.03.22	04.04.22	16.04.22
MRGNscre2/22	15.08.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

each additional required set of samples 124,00 €
44,00 €

➤ **Sample material**

4 samples, gel smear tubes

➤ **Analytes**

Culture proof of MRGN

Molecular diagnostic proof of Carbapenemases

MRSAscre - MRSA Screening

Survey	Application deadline	Sample dispatch date	survey period from to	
MRSAscre1/22	21.03.22	11.05.22	16.05.22	28.05.22
MRSAscre2/22	05.09.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

each additional required set of samples 84,00 €
36,00 €

➤ **Sample material**

4 eswab tubes, 1 ml

➤ **Analytes**

MRSA Screening for cultural evidence and NAT-methods

MykCult - Cultivation and identification of fungi

Survey	Application deadline	Sample dispatch date	survey period from to	
MykCult1/22	21.03.22	11.05.22	16.05.22	04.06.22
MykCult2/22	05.09.22	26.10.22	31.10.22	12.11.22

€ Net prices plus VAT (Standard shipping within Germany included)

48,00 €

each additional required set of samples

30,00 €

➤ **Sample material**

4 samples, gel smear tubes

➤ **Analytes**

Cultivation and identification of fungi

MykIdent - Identification of fungi

Survey	Application deadline	Dispatch date of instruction	survey period from to	
MykIdent1/22	07.03.22	30.03.22	04.04.22	16.04.22
MykIdent2/22	12.09.22	05.10.22	10.10.22	22.10.22

€ Fee for each survey, net prices plus VAT

63,00 €

➤ **Sample material**

virtual microscopy of 2 preparations

➤ **Analytes**

Identification of fungi

NoroPCR - Norovirus PCR

Survey	Application deadline	Sample dispatch date	survey period from to	
NoroPCR1/22	14.02.22	30.03.22	04.04.22	16.04.22
NoroPCR2/22	22.08.22	05.10.22	10.10.22	22.10.22

€ Net prices plus VAT (Standard shipping within Germany included)

one set

150,00 €

➤ **Sample material**

NaCl-matrix, liquid, 4 samples

➤ **Analyte**

Norovirus RNA

ParasitB - Parasites in blood

Survey	Application deadline	Dispatch date of instruction	survey period from to	
ParasitB1/22	14.03.22	27.04.22	02.05.22	14.05.22
ParasitB2/22	19.09.22	19.10.22	24.10.22	05.11.22

€ Fee for each survey, net prices plus VAT

60,00 €

➤ **Sample material**

virtual microscopy, one or more visual fields of 2 preparations

➤ **Analytes**

Parasites in blood

ParasitS - Parasites in stool

Survey	Application deadline	Dispatch date of instruction	survey period from	survey period to
ParasitS1/22	14.03.22	27.04.22	02.05.22	14.05.22
ParasitS2/22	19.09.22	19.10.22	24.10.22	05.11.22

€ **Fee for each survey, net prices plus VAT** **60,00 €**

➤ **Sample material**
virtual microscopy, one or more visual fields of 2 preparations

➤ **Analytes**
Parasites in stool

PolyVir1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period from	survey period to
PolyVir11/22	07.02.22	10.05.22	16.05.22	28.05.22
PolyVir12/22	15.08.22	19.10.22	24.10.22	05.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material one set	fee 150,00 €	additional set 75,00 €
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➤ **Sample material**
4 samples of liquid EDTA plasma, each 4 ml

➤ **Analytes**

set 1: HAV-RNA qualitative	set 5: HIV2-RNA qualitative
set 2: HBV-DNA qualitative and quantitative	set 6: WNV-RNA qualitative
set 3: HCV-RNA qualitative and quantitative	set 7: CMV-DNA qualitative and quantitative
set 4: HIV1-RNA qualitative and quantitative	set 8: pVB19-DNA qualitative

PolyVir2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period from	survey period to
PolyVir21/22	14.03.22	26.04.22	02.05.22	14.05.22
PolyVir22/22	04.07.22	04.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material one set	fee 150,00 €	additional set 50,00 €
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➤ **Sample material**
4 samples, each 200 µl virus-DNA on NaCl-Matrix

➤ **Analytes**

set 1: Adenoviren	set 4: HSV1/2	set 7: RSV
set 2: Enteroviren	set 5: HPV	set 8: VZV
set 3: EBV	set 6: Influenza A/B	

ToxoGen - Toxoplasma Gondii Genome

Survey	Application deadline	Sample dispatch date	survey period from to	
ToxoGen1/22	21.03.22	11.05.22	16.05.22	28.05.22
ToxoGen2/22	05.09.22	26.10.22	31.10.22	12.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

124,00 €

each additional required set of samples

44,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

Toxoplasma Gondii Genome

TubDiag - Tuberculosis diagnostic

Survey	Application deadline	Sample dispatch date	survey period from to	
TubDiag1/22 Set 1 + 4	21.01.22	23.03.22	24.03.22	08.04.22
TubDiag1/22 Set 2	21.01.22	23.03.22	24.03.22	03.06.22
TubDiag1/22 Set 3 + 5	21.01.22	23.03.22	24.03.22	13.05.22
TubDiag1/22 Set 6	21.01.22	23.03.22	24.03.22	29.04.22
TubDiag2/22 Set 1 + 4	15.07.22	14.09.22	15.09.22	30.09.22
TubDiag2/22 Set 2	15.07.22	14.09.22	15.09.22	25.11.22
TubDiag2/22 Set 3 + 5	15.07.22	14.09.22	15.09.22	04.11.22
TubDiag2/22 Set 6	15.07.22	14.09.22	15.09.22	21.10.22

This survey is organized in co-operation with Instand e. V..

€ **Fee for each survey, net prices plus VAT, plus special freight**

set 1	49,00 €	set 4	67,00 €
set 2	49,00 €	set 5	39,00 €
set 3	42,00 €	set 6	39,00 €

➤ **Investigation target**

- set 1: Microscopy detection of acid-fast bacilli (Instand program 421).
- set 2: Detection of mycobacteria by culture and differentiation between TB and NTM (Instand program 422).
- set 3: Identification of mycobacteria (Instand program 423).
- set 4: Detection of tubercle-bacilli by NAT (Instand program 424).
- set 5: Drug susceptibility (Instand program 425).
- set 6: Molecular drug susceptibility (Instand program 426).

➤ **Sample material**

- set 1: 6 microscopy slides
- set 2: 5 sputum specimens
- set 3: 5 suspensions of mycobacterial strains
- set 4: 5 sputum specimens
- set 5: 5 suspensions of M. tuberculosis complex strains for phenotypic resistance testing
- set 6: 5 suspensions of M. tuberculosis complex strains for molecular resistance testing

➤ **Information**

For deliveries additional freight charges will be invoiced.

This survey is not subject of the accredited area of the RfB.

The surveys are performed in a cooperation with Instand e.V. This dispatch of the samples and the evaluation is done by Instand e.V.

VREscre - VRE Screening

Survey	Application deadline	Sample dispatch date	survey period from to	
VREscre1/22	07.02.22	30.03.22	04.04.22	16.04.22
VREscre2/22	15.08.22	05.10.22	10.10.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

124,00 €

each additional required set of samples

44,00 €

➤ **Sample material**

4 samples, gel smear tubes

➤ **Analytes**

Cultural proof of VRE

Molecular diagnostic proof of Van A / Van B

Ejaculate investigation

EJ - Semen analysis

Survey	Application deadline	Sample dispatch date	survey period from to	
EJ1/22	11.04.22	25.04.22	26.04.22	25.05.22
EJ2/22	04.10.22	17.10.22	18.10.22	17.11.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

150,00 €

➤ **Sample material**

Washed and fixed sperm preparation

➤ **Analyte**

Estimation of sperm concentration and the assessment of morphologically normal forms. Additionally the online analysis of sperm motility is possible.

➤ **Information**

The surveys are performed in a cooperation with the German society of andrology and their quality control organization QuaDeGa. The dispatch of the samples and the evaluation is done by QuaDeGa. This survey is not subject of the accredited area of the RfB.

Molecular- and cytogenetic investigations

ctDNA - circulating tumor DNA

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ctDNA1/22	24.01.22	22.03.22	28.03.22	23.04.22
ctDNA2/22	25.07.22	20.09.22	26.09.22	22.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material fee additional set
one set 125,00 € 125,00 €

For multiple orders of your chosen set collection you can also use the application form 7

➤ Sample material

EDTA-plasma, 3 samples each 3 ml

➤ Analyte

set A: KRAS p.G12, p.G13
(rs121913530, rs121913529, rs121913535, rs112445441), KRAS Q61

set B: BRAF p.V600E (rs113488022)

set C: EGFR p.T790M (rs121434569)

Set D: NRAS p.Q61 (rs121913254, rs11554290, rs121913295)

➤ Information

This survey is only available for european participants because of lacking sample stability with expanded shipment period.

For ordering be aware of the different sets A, B, C and D.

For certification, you have to report the concentration and the identification of the determined genotypes.

This survey is not subject of the accredited area of the RfB.

DI - DNA isolation

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DI1/22	03.01.22	09.03.22	14.03.22	09.04.22
DI2/22	27.06.22	31.08.22	05.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

each additional required pair of samples 65,00 €
32,00 €

➤ Sample material

full blood, K-EDTA, 2 samples each 500 µl

➤ Analyte

DNA isolation and FV genotyping FV genotyping: FV-Leiden (ARG506GLN), FV-H1299R (HIS1299ARG), FV-Cambridge (ARG306THR), FV-Hong-Kong (ARG306GLY), FII g20210a, MTHFR C677T, C6775, A1298C, HFE (H63D, C282Y, S65C)

➤ Information

Methodological survey:
determination of concentration of DNA
ratio 260/280
method of identification
defined genotypes

MG1 - Molecular genetics group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG11/22	10.01.22	09.03.22	14.03.22	02.04.22
MG12/22	04.07.22	31.08.22	05.09.22	24.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material fee additional set
one set 58,00 € 35,00 €

For multiple orders of your chosen set collection you can also use the application form 7

➤ Sample material

DNA preparation, lyophilized

➤ Analytes

- set A: FV-Leiden, Prothrombin, MTHFR (C677T, A1298C), PAI-I 4G5G
- set B: FXIII V34L, GPIIIa, βFib (g455a), VKORC1 (G-1639A/C1173T), FXII c46t, FV-H1299R
- set C: a1 PI, Apo E, ApoB100, ACE, CETP
- set D: AldoB (149,174,334), HFE (H63D, C282Y, S65C), LCT c-13910t, NOD2 (R702W, G908R, L1007fins C)
- set E: M. Wilson (ATP7B-C3207A), FSAP (Marburg-I), ITGA2 Gplalla C807T, Col1A1 SP1, VDR (BsmI/ApaI, TaqI)
- set F: Faktor VII (R353Q), AT3 Cambridge Typ I/II, CYP3A5*3

MG2 - Molecular genetics group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG21/22	10.01.22	09.03.22	14.03.22	02.04.22
MG22/22	04.06.22	31.08.22	05.09.22	24.09.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

material fee additional set
one set. 58,00 € 35,00 €

For multiple orders of your chosen set collection you can also use the application form 7

➤ Sample material

DNA preparation, lyophilized

➤ Analytes

- set A: TPMT, Cyp2C8 (K399R), Cyp2C9 *2/*3, UGT1A1 *28, DPYD *2A/Exon 14 skipping, DPYD *13, DPYD p.D949V, DPYD c.1129-5923C>G, DPYD c.1236 G>A, DPYD HapB3, DPD Activity score, BCHE A/K
- set B: KRAS: Codon 12/13/61, K-RAS Cobas, BRAF-V600 (V600E und V600K), cKit D816V, NRAS Codon 61
- set C: HLA-B *27, TNF alpha (238, 308), HLA-B *27
- set D: CYP2D6, CYP2C19 (*2/*17), CYP2C19*3
- set E: HLA B*5701, CYP2B6 *4/*9/*6, ABCB1 (MDR1) c.3435C>T, CCR5-del-32bp
- set F: IL28B (C/T Polymorphismus), IL6 (G174C), CYP3A4*22

➤ Information 1

Please take into account the division into sets A, B, C, D, E, F when you order this survey (see application form). Please mark the sets needed on that form.

➤ Information 2

The following analytes are offered by our cooperation-partner European Molecular Genetics Quality Network (EMQN). More information: www.rfb.bio/pdf/EMQN.pdf

- | | |
|---|---|
| 8 Hereditary hemochromatosis (genotyping and interpretation) | |
| 17 Cystic fibrosis, mucoviscidosis | |
| 18 Familial breast-/ovarial- cancer (BRCA) | 23 Hereditary nonpolyposis colon cancer |
| 19 21-hydroxylase deficiency (Congenital adrenal hyperplasia) | 24 Huntington s disease |
| 20 Duchenne and Becker muscular dystrophy | 25 Prader-Willi and Angelman syndromes |
| 21 Fragile X Syndrome | 26 Spinal Muscular Atrophy |
| 22 Hereditary auditory disorder | 28 Y chromosome microdeletions |

SQ - DNA Sequencing

Survey	Application deadline	Sample dispatch date	survey period from to	
SQ1/22	03.01.22	09.03.22	14.03.22	09.04.22
SQ2/22	27.06.22	31.08.22	05.09.22	01.10.22

€ **Net prices plus VAT** (Standard shipping within Germany included)

132,00 €
each additional pair of samples 46,00 €

➤ Sample material

DNA-preparation, lyophilized

➤ Analytes

DNA sequencing

➤ Information

This survey is not subject of the accredited area of the RfB.

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Who are we?

The Reference Institute for Bioanalytics (Referenzinstitut für Bioanalytik or RfB for short) is one of two survey organisations which is officially commissioned by the German Medical Association to conduct surveys for external quality control.

Responsible party as per EU-GDPR

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Authorised representative: Dr. Wolf-Jochen Geilenkeuser - datenschutzbeauftragter@spmd-rfb.de

How your data is processed

What personal data do we collect from you?

We collect your personal data if you have registered for the surveys in written form or if you contact us through the various communication channels. We process the following specific data: Name, E-mail address, company address.

If you are a participant: Participant number, password, delivery address, certificate address, billing address, telephone number and, if necessary, E-mail address, bank connection, survey results and all related documents. IT usage data (IP address, date and time of connection).

Where does this data come from?

You yourself provide us with this information when you sign up to use our services. If you are a participant: from your written registration, from a message from you via E-mail, fax or telephone, from messages over our website or, if we are missing important communication information, from internet research as well. In some cases, we also obtain your contact information from external cooperation partners. When our internet services are used, pseudonymised usage data in the form of IP addresses is collected.

What do we use this data for and what are the legal bases for doing so?

Fulfilment of contractual relationships (Art. 6 Para. 1b EU-GDPR): As a general rule, you are engaging in a business relationship with us (an ongoing contract) or the data processing is necessary at your request to conduct pre-contractual measures, such as: For the fulfilment of contractual relationships, such as surveys ordered, as well as to bill for services received: To fulfil your requests and improve our offerings based on a balancing of interests (Art. 6 Para. 1f EU-GDPR): To ensure orderly operation and to optimise our offerings: We monitor the use of our services in order to ensure capacity and IT security. This is done based on IP addresses. We do not attempt to allocate the IP addresses used to your user account. Due to statutory requirements (Art. 6 Para. 1c EU-GDPR): As a special-purpose enterprise of the Foundation for Pathobiochemistry and Molecular Diagnostics, we are subject to numerous provisions of fiscal and commercial legislation. We must process and store your data in order to comply with these provisions.

Based on your consent (Art. 6 Para. 1a EU-GDPR): In some cases, you have granted us your consent to process your data. You may revoke this consent at any time. This also applies to declarations of consent which you have granted us before the EU-GDPR entered into effect, i.e. before 25 May 2018.

How long will we store your data for?

Different periods of time apply to the storage duration of your data: Tax-related data will, as a rule, be stored for 10 years Commerce-related data will, as a rule, be stored for 6 years Usage data such as connection history (pseudonymised by IP address): 1 year

Will we transfer your data to a third party?

Data collection companies have been commissioned to record your survey results which we receive in hard copy (fax or letter). All persons involved are obliged to comply strictly with all relevant data protection requirements.

External service providers

We work with a host of external service providers who support us in providing our services. We have chosen all of our service providers carefully and contractually obligated them to comply diligently with all relevant data protection requirements. At the same time, we only transfer the minimum amount of data necessary to use these services as a matter of course.

Transfer to other survey organisers

If you have registered with us for a survey which is being conducted by one of our cooperation partners (such as TH thrombophilia screening at ECAT), we will transfer all of the data relevant to the performance of the survey to the cooperation partner.

What other rights do you have?

Right to information, correction, deletion and restriction In accordance with Articles 14-17 of the EU-GDPR, we hereby inform you that you have the right to information, correction, deletion or restriction of the processing of your data.

Right to revocation

If you have granted your consent to the data processing, you may revoke this at any time without affecting the legality of the processing which had already taken place based on the consent until it was revoked.

Right to file a complaint

You have the right to file a complaint with a competent supervisory authority at any time.

Use of cookies

Cookies are small text files which are sent to your computer when our website is used We use cookies for the exclusive purpose of enabling special user functions (so-called "session cookies"). For that reason, it may be the case that you will not be able to use our website as intended without cookies. However, we do not use cookies in order to create user profiles.

Most internet browsers are set to accept cookies automatically. However, you can deactivate the saving of cookies or set your browser to notify you as soon as cookies are sent. You can use your internet browser's help function to do so.

Further information

Should you have any further questions or suggestions, we will be glad to assist you at any time.



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Thrombophilia screening 2022 please cross on the back

Dear participant,

If you are already registered as participant, please enter your participant number. This will be sufficient unless your address has changed.

participant no

new client ☐

Delivery address

Name / Institute:

Street:

Post code / City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT no.:

Contact person:

Invoice address if different from delivery address

Name / Institute:

Street:

Post code / City:

VAT no.:

Telephone:

Telefax:

E-mail:

Your comment

In accordance with the participation conditions for the survey "Thrombophilia screening" in cooperation with the Dutch organisation ECAT, I hereby declare my participation in the ordered survey outlined in the current survey plan (see side back).

For information about our data policy please refer to our data protection declaration on page 58.

Date

Signature

The participation fees are specified in the current annual survey plan.

Application form for Thrombophilia screening 2022

participant no

new client ☐

We cannot accept cancellations during the annual programme.

Annual subscription fee

1	☐ result submission via Internet / report internet	132,50 €
2	☐ result submission via Internet / report internet + post	275,00 €

Analytes four times yearly: TH1/22, TH2/22, TH3/22, TH4/22

1	☐ Thrombophilia module I Includes an annual report on the long-time evaluation of test results Antithrombin (activity and antigen) Protein C (activity [chromogenic and clotting] and antigen) Protein S activity Protein S antigen (free and total)	375,00 €
2	☐ Thrombophilia module II (APC resistance)	151,50 €
3	☐ Lupus Anticoagulant / Antiphospholipide Antibodies	177,50 €
4	☐ Von Willebrand Factor Module (antigen, ristocetin cofactor activity, activity, collagen binding, multimers, Factor VIII)	282,50 €
5	☐ ADAMTS-13 - I (activity and antigen)	197,50 €
6	☐ Factor XIII (activity and antigen)	141,00 €
7	☐ Fibrinolysis parameters I (Plasminogen, Antiplasmin)	137,00 €
8	☐ Fibrinolysis parameters II (t-PA, PAI-1)	137,00 €
9	☐ Unfractionated Heparin Monitoring (anti-Xa)	123,50 €
A	☐ Low-Molecular Weight Heparin Monitoring (anti-Xa)	123,50 €

Analytes two times yearly:

B	☐ Factor VIII Inhibitor (TH2/22 + TH4/22)	185,00 €
C	☐ Thrombin Generation Test (TH2/22 + TH4/22)	147,00 €
D	☐ ADAMTS-13 - II (antibodies) (TH2/22 + TH4/22)	128,50 €
E	☐ Factor IX Inhibitor (TH1/22 + TH3/22)	185,00 €
F	☐ HIT - I (Immunological testing) (TH1/22 + TH3/22)	215,00 €

Analytes one time yearly:

G	☐ ADAMTS-13 - III (functional inhibitor) (TH2/22)	95,00 €
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