

# Surveys 2021

Reference Institute for Bioanalytics  
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**Quality assurance  
in medical laboratory**

**Imprint**

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Dear participant,  
and those interested,

Implementation of the current guidelines for quality assurance in medical laboratories (RiliBÄK 2019) published by the German Medical Association is already well underway in many laboratories in Germany, and the Reference Institute for Bioanalytics (RfB) supports these efforts with great efforts and its comprehensive range of services.

One of the most far-reaching changes in RiliBÄK is the adjustment of the evaluation limits for HbA1c. From 2022 onwards, the evaluation of the results for HbA1c will be based on a maximum permitted measurement deviation of  $\pm 8\%$  in response to medical necessity in this field. What has been presented so far in the assessments solely as information, will form the basis of the evaluation for all participants as of 2022.

In recent months, the corona pandemic has placed great demands on laboratories to meet the challenges in its wake. Adjustments had to be made organisationally, but also in regarding content for each process or newly introduced. The implications of the corona pandemic, also on external quality control, are also worthy of mention, and especially in the months of the lockdown they led to some significant delays in the process, caused by the shifting/heightening demands at some participating laboratories. In terms of content, RfB reacted quickly to the needs of the laboratories and implemented the "CoVimm" survey for determining SARS-CoV-2 antibodies. This survey is attracting huge attention both nationally and internationally and has already recruited 200 participants in each of the first runs. Starting 2021, this survey will be offered twice a year like our other serological surveys.

Thanks to your cooperation, we consider the transition to almost complete online data capture in mid-2020 to be very successful. The associated advantages, such as improved transmission quality and much faster evaluation of your results, are now providing immediate benefit.

In order to be in the position to react flexibly to your requirements in the future and to continue accompanying you competently with external quality assurance, we have strengthened our team in all areas such as sales, shipping, evaluation, IT and the calibration laboratories.

We look forward to our positive and constructive cooperation!

With best regards on behalf of the RfB team



Dr. Wolf-Jochen Geilenkeuser



Dr. Anja Kessler

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 2021, we will offer the following new surveys/analytes:

### B1

BF (Bodyfluid): erythrocyte count, leukocyte count ..... page 10

HB (Hemoglobin und Hematocrit)..... page 16

### B2

CoVimm (SARS-CoV-2 Immunology): Anti-SARS-CoV-2 IgG, Anti-SARS-CoV-2 IgA ..... page 30

Advices and instructions concerning the processes for registration and ordering are described on page 5.

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](http://www.rfb.bio/agb) and can be sent on request.

### General informations

2	Topics
3	List of contents
5	How to order surveys
5	Changes of orders
5	Fees and invoice
6	Internet / homepage / e-mail
7	Registration / Change of customer's data
53	RfB office
53	Survey directors
53	Calibration laboratories
53	Scientific advisors
55	Data protection declaration

### Quantitative determinations

9	AD	Automated differential count
9	AK	Therapeutic drug monitoring
10	AM	Ammonia
10	BF	Body fluid
10	BG	Blood gas
11	BI	Neonatal bilirubin
11	CM	Cardiac markers
12	CMX	Cardiac markers in whole blood
12	CS	Immunosuppressives
12	DD	D-Dimer
13	DT	CD Transferrin
13	EG	Ethylglucuronide
13	ET	Ethanol
14	FD	Faeces diagnostics
14	GH	Glycated hemoglobin
14	GL	Glucose („wet“ and „POCT/dry chemistry“) (special offer for small laboratories)
15	GR	Coagulation
15	HA	Hematology - Full blood count
16	HB	Hemoglobin and Hematocrit
16	HM	Hormones - group 1
17	HP	Hormones - group 2
17	IG	Serum proteins
18	IS	Immunophenotyping
18	KL	Clinical chemical analytes in cerebrospinal fluid (CSF)
18	KS	Clinical chemical analytes in serum „wet chemistry“
19	KU	Clinical chemical analytes in urine
20	LP	Lipoproteins
20	NBS	Newborn screening
21	OH	Hemoglobin derivates
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
24	SW	Sweat analysis
25	TH	Thrombophilia screening (cooperation with the Dutch organization ECAT)
26	TM	Tumor markers group 1
26	TMX	Tumor markers group 2
27	TR	Clinical chemical analytes in serum „dry chemistry“
27	VT	Vitamins and analgesics
28	ZL	Cell count in cerebrospinal fluid (CSF)
28	ZY	Cytokines

### Qualitative determinations

29	AI	Antinuclear antibodies
29	AL	Allergology
30	BorrBimm	Anti-Borrelia burgdorferi
30	CMVimm	CMV serology
30	CoVimm	SARS-CoV-2 Immunology
31	DF	Hematology - Differential blood count
31	DS	Drug screening in urine
31	EBVimm	Epstein-Barr-Virus serology
32	HAVimm	HAV serology

32	HBVimm1	HBV serology Minor
32	HBVimm2	HBV serology Major
33	HCVimm	HCV serology
33	HerpVimm	Herpes viruses serology
33	HIVimm	HIV serology
34	HS	Urinary calculus
34	HTLVimm	Human T-lymphotropic virus
34	IA	Immunoematology automated
35	IH	Immunoematology Major (extended offer)
35	IM	Immunoematology Minor (basic program)
36	KUST	Clinical chemistry in urine, test strip and pregnancy test, qualitative
36	MaMulImm	Morbilli and mumps serology
36	OB	Oligoclonal bands in cerebrospinal fluid (CSF)
37	pvB19imm	pvB19 serology
37	RoetLimm	Anti-Rubella Virus
37	SX	Systematic toxicologic analysis
38	ToxoGimm	Anti-Toxoplasma gondii
38	TrepPimm	Anti-Treponema pallidum
38	TX	Toxicologic analyses
39	US	Urine sediment
39	VariAimm	Various immunological analytes
39	ZZ	Cerebrospinal fluid cytology

### Direct detections of pathogens

40	BA	Bacteriology Major
40	BakNAT1	Genome evidence group 1
40	BakNAT2	Genome evidence group 2
41	BAK-TK	Proficiency panel to detect bacteria in platelet concentrates
41	BM	Bacteriology Minor
42	B-Stscre	B-Streptococci screening
42	ChlamTra	Chlamydia trachomatis AG
42	CrypCand	Cryptococcus neoformans and candida albicans antigen
43	GP	Gram-staining
43	HEVpcr	Hepatitis E virus
43	Infl-RSV	Influenza and RSV antigen evidence
44	MRGNscre	MRGN screening
44	MRSAscre	MRSA screening
44	MykCult	Cultivation and identification of fungi
45	MykIdent	Identification of fungi
45	NoroPCR	Norovirus PCR
45	ParasitB	Parasites in blood
46	ParasitS	Parasites in stool
46	PolyVir1	Genome evidence group 1
46	PolyVir2	Genome evidence group 2
47	ToxoGen	Toxoplasma gondii genome
47	TubDiag	Tuberculosis diagnostics
48	VREscre	VRE screening

### 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

50	ctDNA	circulating tumor DNA
50	DI	DNA isolation
51	MG1	Molecular genetics group 1
51	MG2	Molecular genetics group 2
52	SQ	DNA sequencing

### Addendum

56	Index
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### Forms

7	Registration / Change of customer's data
61	Thrombophilia screening (TH) application form
63	Application form 1
65	Application form 2
67	Application form 3
69	Application form 4
71	Application form 5
73	Application form 6
75	Application form 7

### ➤ 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](http://www.rfb.bio)) or by using the forms 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](http://www.rfb.bio/agb-en.pdf) and can be sent on request.

Our websites address is:

**www.rfb.bio**

Open to all interested people, you can find there:

- Informations about our current survey program,
- Evaluations of our surveys (target values, statistics, youdenplots, comments on the evaluation etc.),
- Informations 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 or use the form on the next page.  
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](mailto:info@spmd-rfb.de)





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participant no



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**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:** .....

**Telephone:** .....

**Telefax:** .....

**e-mail:** .....

**VAT no.:** .....

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**Your comment**

.....

**For informations about our data policy please refer to our data protection declaration on page 55.**

.....  
Date

.....  
Signature



## Quantitative determinations

### AD - Automatic differential count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AD1/21	04.01.21	27.01.21	28.01.21	03.02.21
AD2/21	06.04.21	05.05.21	06.05.21	12.05.21
AD3/21	21.06.21	14.07.21	15.07.21	21.07.21
AD4/21	11.10.21	10.11.21	11.11.21	17.11.21

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

	<b>34,00 €</b>
each additional required pair of samples	<b>28,00 €</b>

➤ **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 therefore with an express or parcel courier. The costs will be charged additionally.  
The registration form for this survey you will find on page 63/64.

### AK - Therapeutic drug monitoring

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AK1/21	<b>14.12.20</b>	06.01.21	11.01.21	23.01.21
AK2/21	22.03.21	14.04.21	19.04.21	01.05.21
AK3/21	07.06.21	30.06.21	05.07.21	17.07.21
AK4/21	30.08.21	22.09.21	27.09.21	09.10.21

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

material	fee	additional set
set 1	<b>56,00 €</b>	36,00 €
set 2	<b>47,00 €</b>	36,00 €
set 3	<b>34,00 €</b>	20,00 €
set 1 + 2	<b>88,00 €</b>	
set 1 + 3	<b>75,00 €</b>	
set 2 + 3	<b>66,00 €</b>	
set 1 + 2 + 3	<b>107,00 €</b>	

➤ **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		set 2		set 3
carbamazepine	phenytoin	amikacin	methotrexate	piperacillin
digoxin	primidone	caffeine	tobramycin	linezolid
ethosuximide	theophylline	digitoxin	vancomycin	meropenem
lithium	valproic acid	gentamycin		
phenobarbital				

➤ **Information**

The registration form for this survey you will find on page 63/64.

## AM - Ammonia

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AM1/21	<b>16.11.20</b>	06.01.21	11.01.21	23.01.21
AM2/21	08.03.21	30.03.21	06.04.21	17.04.21
AM3/21	07.06.21	30.06.21	05.07.21	17.07.21
AM4/21	30.08.21	22.09.21	27.09.21	09.10.21

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

**32,00 €**  
**each additional required pair of samples 15,00 €**

➤ **Sample material**

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

➤ **Analyte**

ammonia

➤ **Information**

The registration form for this survey you will find on page 63/64.

## BF - Body fluid

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BF1/21	25.01.21	16.02.21	17.02.21	27.02.21
BF2/21	05.04.21	27.04.21	28.04.21	08.05.21
BF3/21	07.06.21	29.06.21	30.06.21	10.07.21
BF4/21	13.09.21	05.10.21	06.10.21	16.10.21

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

**69,00 €**  
**each additional required pair of samples 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.  
The registration form for this survey you will find on page 63/64.

## BG - Blood gas

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BG1/21	<b>21.12.20</b>	13.01.21	18.01.21	30.01.21
BG2/21	15.03.21	07.04.21	12.04.21	24.04.21
BG3/21	28.06.21	21.07.21	26.07.21	07.08.21
BG4/21	20.09.21	13.10.21	18.10.21	30.10.21

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

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

➤ **Sample material**

gas equilibrated solution, liquid, 2 ampoules each 2 ml

▶ **Analytes**

pH	calcium, ionized	lactate	sodium
pCO <sub>2</sub>	chloride	lithium	urea
pO <sub>2</sub>	creatinine	magnesium	
	glucose	potassium	

▶ **Information**

The registration form for this survey you will find on page 63/64.

## BI - Neonatal bilirubin

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BI1/21	14.12.20	06.01.21	11.01.21	23.01.21
BI2/21	15.03.21	07.04.21	12.04.21	24.04.21
BI3/21	14.06.21	07.07.21	12.07.21	24.07.21
BI4/21	13.09.21	06.10.21	11.10.21	23.10.21

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

	<b>44,00 €</b>
<b>each additional required pair of samples</b>	<b>28,00 €</b>

▶ **Sample material**

serum, lyophilized, 2 samples each 2 ml

▶ **Analytes**

bilirubin, total	bilirubin, conjugated bilirubin, direct	bilirubin, unconjugated bilirubin, indirect
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▶ **Information**

These specimens contain concentrations of bilirubin which are characteristic in neonatology.  
The registration form for this survey you will find on page 63/64.

## CM - Cardiac markers

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CM1/21	04.01.21	27.01.21	01.02.21	13.02.21
CM2/21	29.03.21	21.04.21	26.04.21	08.05.21
CM3/21	14.06.21	07.07.21	12.07.21	24.07.21
CM4/21	30.08.21	22.09.21	27.09.21	09.10.21

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

<b>material</b>	<b>fee</b>	additional set
<b>set 1</b>	<b>52,00 €</b>	31,00 €
<b>set 2</b>	<b>36,00 €</b>	29,00 €
<b>set 1 and set 2</b>	<b>80,00 €</b>	

▶ **Sample material**

serum, lyophilized  
serum, lyophilized

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

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

▶ **Analytes**

<b>set 1</b>			<b>set 2</b>
CK-MB mass + activity	NT-proBNP	cardiac troponin T	BNP
myoglobine	cardiac troponin I	test strips	

▶ **Information**

The registration form for this survey you will find on page 63/64.

## CMX - Cardiac markers in whole blood

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CMX1/21	04.01.21	27.01.21	28.01.21	03.02.21
CMX2/21	06.04.21	05.05.21	06.05.21	12.05.21
CMX3/21	21.06.21	14.07.21	15.07.21	21.07.21
CMX4/21	11.10.21	10.11.21	11.11.21	17.11.21

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

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

▶ **Sample material**

human whole blood, liquid, 2 samples each 1 ml

▶ **Analytes**

NT-proBNP                      cardiac troponin I                      cardiac troponin T

▶ **Information**

The registration form for this survey you will find on page 63/64.

## CS - Immunosuppressives

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CS1/21	18.01.21	09.02.21	10.02.21	20.02.21
CS2/21	02.08.21	24.08.21	25.08.21	04.09.21

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

material	fee	additional set
set 1	<b>41,00 €</b>	28,00 €
set 2	<b>36,00 €</b>	15,00 €
<b>set 1 and set 2</b>	<b>56,00 €</b>	

▶ **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	

▶ **Information**

The registration form for this survey you will find on page 63/64.

## DD - D-Dimer

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DD1/21	<b>21.12.20</b>	20.01.21	25.01.21	06.02.21
DD2/21	06.04.21	28.04.21	03.05.21	15.05.21
DD3/21	21.06.21	14.07.21	19.07.21	31.07.21
DD4/21	20.09.21	13.10.21	18.10.21	30.10.21

€ **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**

ethanol

▶ **Information**

The registration form for this survey you will find on page 63/64.

## FD - Faeces diagnostics

Survey	Application deadline	Sample dispatch date	survey period from	to
FD1/21	01.03.21	26.05.21	31.05.21	12.06.21
FD2/21	26.07.21	20.10.21	25.10.21	06.11.21

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

**evaluation pair analytical results**

1-2 **44,00 €**

3 **62,00 €**

4 **80,00 €**

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

▶ **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)

▶ **Information**

The registration form for this survey you will find on page 63/64.

## GH - Glycated hemoglobin

Survey	Application deadline	Sample dispatch date	survey period from	to
GH1/21	<b>14.12.20</b>	19.01.21	20.01.21	27.01.21
GH2/21	15.03.21	20.04.21	21.04.21	28.04.21
GH3/21	14.06.21	06.07.21	07.07.21	14.07.21
GH4/21	04.10.21	26.10.21	27.10.21	03.11.21

€ **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

▶ **Information**

The registration form for this survey you will find on page 63/64.

## GL - Glucose (wet and POCT/dry chemistry)

Survey	Application deadline	Sample dispatch date	survey period from	to
GL1/21	<b>23.11.20</b>	06.01.21	11.01.21	23.01.21
GL2/21	22.02.21	17.03.21	22.03.21	03.04.21
GL3/21	25.05.21	16.06.21	21.06.21	03.07.21
GL4/21	23.08.21	15.09.21	20.09.21	02.10.21



€ **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.).  
The registration form for this survey you will find on page 63/64.

## GR - Coagulation

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GR1/21	<b>21.12.20</b>	20.01.21	25.01.21	06.02.21
GR2/21	06.04.21	28.04.21	03.05.21	15.05.21
GR3/21	21.06.21	14.07.21	19.07.21	31.07.21
GR4/21	20.09.21	13.10.21	18.10.21	30.10.21

€ **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	factor II	factor X
fibrinogen	factor V	factor XI
INR	factor VII	factor XII
prothrombin time (PT, Quick)	factor VIII	factor XIII
activated partial thromboplastin time (aPTT)	factor IX	
thrombin time		

▶ **Information**

The registration form for this survey you will find on page 65/66.

## HA - Hematology - Full blood count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HA1/21	04.01.21	26.01.21	27.01.21	03.02.21
HA2/21	06.04.21	04.05.21	05.05.21	12.05.21
HA3/21	21.06.21	13.07.21	14.07.21	21.07.21
HA4/21	13.09.21	05.10.21	06.10.21	13.10.21

€	<b>Net prices plus VAT</b> (Standard shipping within Germany included)			
			<b>each additional required pair of samples</b>	<b>49,00 €</b> <b>36,00 €</b>
▶	<b>Sample material</b> prepared blood, liquid, 2 samples each 2 ml			
▶	<b>Analytes</b>			
	erythrocyte count	leukocyte count	MCV	
	hematocrit (packed cell volume)	MCH	platelet count	
	hemoglobin	MCHC		
▶	<b>Information</b>			
	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. The registration form for this survey you will find on page 65/66.			

## HB - Hemoglobin and Hematocrit

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HB1/21	04.01.21	26.01.21	27.01.21	03.02.21
HB2/21	06.04.21	04.05.21	05.05.21	12.05.21
HB3/21	21.06.21	13.07.21	14.07.21	21.07.21
HB4/21	13.09.21	05.10.21	06.10.21	13.10.21

€	<b>Net prices plus VAT</b> (Standard shipping within Germany included)			
			<b>each additional required pair of samples</b>	<b>42,00 €</b> <b>30,00 €</b>
▶	<b>Sample material</b> prepared blood, liquid, 2 samples each 2 ml			
▶	<b>Analytes</b>			
	hematocrit	hemoglobin		
▶	<b>Information</b>			
	The registration form for this survey you will find on page 65/66.			

## HM - Hormones - Group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HM1/21	<b>23.11.20</b>	06.01.21	11.01.21	30.01.21
HM2/21	08.03.21	30.03.21	06.04.21	24.04.21
HM3/21	31.05.21	23.06.21	28.06.21	17.07.21
HM4/21	16.08.21	08.09.21	13.09.21	02.10.21

€	<b>Net prices plus VAT</b> (Standard shipping within Germany included)			
			<b>evaluation pair analytical results</b>	
			<b>1-4</b>	<b>50,00 €</b>
			<b>5-8</b>	<b>54,00 €</b>
			<b>each additional 4 pairs analytical results</b>	<b>4,00 €</b>
			<b>each additional required pair of samples</b>	<b>33,00 €</b>
▶	<b>Sample material</b> serum, lyophilized, 2 samples each 3 ml			
▶	<b>Analytes</b>			
	aldosterone	estradiol-17β	17-OH-progesterone	T3, free
	cortisol	ferritin	TBG	T3, total
	DHEA-S	progesterone	testosterone	T4, free
				T4, total
				TSH

▶ **Information**

Free estriol can be determined only in the survey for pregnancy diagnostic (SD).  
The registration form for this survey you will find on page 65/66.

## HP - Hormones - Group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HP1/21	<b>23.11.20</b>	06.01.21	11.01.21	30.01.21
HP2/21	08.03.21	30.03.21	06.04.21	24.04.21
HP3/21	31.05.21	23.06.21	28.06.21	17.07.21
HP4/21	16.08.21	08.09.21	13.09.21	02.10.21

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

<b>evaluation pair analytical results</b>		
	<b>1-2</b>	<b>35,00 €</b>
	<b>3-6</b>	<b>39,00 €</b>
<b>each additional 4 pairs of analytical results</b>		<b>4,00 €</b>
<b>each additional required pair of samples</b>		<b>23,00 €</b>

▶ **Sample material**

serum, lyophilized, 2 samples each 3 ml

▶ **Analytes**

ferritin	IGF-1	parathyroid hormone	SHBG
folic acid	IGFBP-3	prolactin	vitamin B <sub>12</sub>
FSH	insulin	renin / renin-activity	
hGH (somatotropin/growth hormone)	LH		

▶ **Information**

The registration form for this survey you will find on page 65/66.

## IG - Serum proteins

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IG1/21	<b>14.12.20</b>	05.01.21	11.01.21	23.01.21
IG2/21	22.03.21	13.04.21	19.04.21	01.05.21
IG3/21	07.06.21	29.06.21	05.07.21	17.07.21
IG4/21	30.08.21	21.09.21	27.09.21	09.10.21

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

<b>evaluation pair analytical results</b>		
	<b>1-2</b>	<b>45,00 €</b>
	<b>3-6</b>	<b>49,00 €</b>
<b>each additional 4 pairs analytical results</b>		<b>4,00 €</b>
<b>each additional required pair of samples</b>		<b>33,00 €</b>

▶ **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

▶ **Information**

The registration form for this survey you will find on page 65/66.

## IS - Immunophenotyping (flow cytometry)

Survey	Application deadline	Sample dispatch date	survey period from	to
IS1/21	25.01.21	22.02.21	23.02.21	25.02.21
IS2/21	16.08.21	06.09.21	07.09.21	09.09.21

€ 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-B27
lymphocyte count	T-helper cells	

### ▶ Information

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

The registration form for this survey you will find on page 65/66.

## KL - Clinical chemical analytes in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
KL1/21	<b>21.12.20</b>	13.01.21	18.01.21	30.01.21
KL2/21	01.03.21	24.03.21	29.03.21	10.04.21
KL3/21	25.05.21	16.06.21	21.06.21	03.07.21
KL4/21	23.08.21	15.09.21	20.09.21	02.10.21

€ 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.

The registration form for this survey you will find on page 65/66.

## KS - Clinical chemical analytes in serum „wet chemistry“

Survey	Application deadline	Sample dispatch date	survey period from	to
KS1/21	<b>30.11.20</b>	06.01.21	11.01.21	16.01.21
KS2/21	11.01.21	03.02.21	08.02.21	13.02.21
KS3/21	01.03.21	24.03.21	29.03.21	03.04.21
KS4/21	12.04.21	05.05.21	10.05.21	15.05.21
KS5/21	31.05.21	23.06.21	28.06.21	03.07.21
KS6/21	12.07.21	04.08.21	09.08.21	14.08.21
KS7/21	30.08.21	22.09.21	27.09.21	02.10.21
KS8/21	11.10.21	03.11.21	08.11.21	13.11.21

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

	<b>evaluation pair analytical results</b>	
	<b>1-8</b>	<b>48,00 €</b>
	<b>9-12</b>	<b>51,00 €</b>
	<b>each additional 4 pairs analytical results</b>	<b>3,00 €</b>
	<b>each additional required pair of samples</b>	<b>26,00 €</b>

▶ **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 (elektrophoresis)	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	

▶ **Information**

The registration form for this survey you will find on page 65/66.

## KU - Clinical chemical analytes in urine

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
KU1/21	<b>21.12.20</b>	13.01.21	18.01.21	30.01.21
KU2/21	01.03.21	24.03.21	29.03.21	10.04.21
KU3/21	25.05.21	16.06.21	21.06.21	03.07.21
KU4/21	23.08.21	15.09.21	20.09.21	02.10.21

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

	<b>43,00 €</b>
<b>each additional required pair of samples</b>	<b>28,00 €</b>

▶ **Sample material**

urine, lyophilized, 2 samples each 5 ml

▶ **Analytes**

albumin	urea	<b>Test strip</b>	
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.  
The registration form for this survey you will find on page 65/66.

## LP - Lipoproteins

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
LP1/21	11.01.21	03.02.21	08.02.21	20.02.21
LP2/21	29.03.21	21.04.21	26.04.21	08.05.21
LP3/21	14.06.21	07.07.21	12.07.21	24.07.21
LP4/21	06.09.21	29.09.21	04.10.21	16.10.21

€ **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		

▶ **Information**

The registration form for this survey you will find on page 65/66.

## NBS - Newborn screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
NBS1/21	<b>21.12.20</b>	27.01.21	01.02.21	20.02.21
NBS2/21	01.03.21	07.04.21	12.04.21	01.05.21
NBS3/21	07.06.21	30.06.21	05.07.21	24.07.21
NBS4/21	23.08.21	15.09.21	20.09.21	09.10.21

€ **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

▶ **Information**

The registration form for this survey you will find on page 65/66.

## OH - Hemoglobin derivates

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
OH1/21	<b>21.12.20</b>	13.01.21	18.01.21	30.01.21
OH2/21	15.03.21	07.04.21	12.04.21	24.04.21
OH3/21	28.06.21	21.07.21	26.07.21	07.08.21
OH4/21	20.09.21	13.10.21	18.10.21	30.10.21

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

**37,00 €**  
each additional required pair of samples **21,00 €**

➤ **Sample material**

hemolysate, 2 samples each 0,5 ml

➤ **Analytes**

hemoglobin (total)	carboxyhemoglobin (COHb)
oxyhemoglobin (HbO <sub>2</sub> )	methemoglobin (metHb)

➤ **Information**

The registration form for this survey you will find on page 65/66.

## OS - Bone metabolism

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
OS1/21	18.01.21	07.04.21	12.04.21	24.04.21
OS2/21	10.05.21	01.09.21	06.09.21	18.09.21

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

**88,00 €**  
each additional required pair of samples **50,00 €**

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

➤ **Analytes**

osteocalcin	CTx (CrossLaps)
bone specific alkaline phosphatase (BAP)	P1NP

➤ **Information**

The registration form for this survey you will find on page 65/66.

## PH - Photometer control

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PH1/21	04.01.21	27.01.21	01.02.21	13.02.21
PH2/21	02.08.21	25.08.21	30.08.21	11.09.21

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

**30,00 €**  
each additional required set of samples **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.  
 The registration form for this survey you will find on page 65/66.

## RE - Reticulocytes

Survey	Application deadline	Sample dispatch date	survey period from	to
RE1/21	04.01.21	26.01.21	27.01.21	03.02.21
RE2/21	06.04.21	04.05.21	05.05.21	12.05.21
RE3/21	21.06.21	13.07.21	14.07.21	21.07.21
RE4/21	13.09.21	05.10.21	06.10.21	13.10.21

€ **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.  
 The registration form for this survey you will find on page 65/66.

## RF - Rheumatoid factors

Survey	Application deadline	Sample dispatch date	survey period from	to
RF1/21	25.01.21	17.02.21	22.02.21	06.03.21
RF2/21	12.04.21	05.05.21	10.05.21	22.05.21
RF3/21	05.07.21	28.07.21	02.08.21	14.08.21
RF4/21	13.08.21	29.09.21	04.10.21	16.10.21

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

material	fee	additional set
set 1	37,00 €	22,00 €
set 2	25,00 €	18,50 €
set 1 and set 2	51,00 €	

➤ **Sample material**

serum, lyophilized, 2 samples each 1 ml

➤ **Analytes**

**set 1**

rheumatoid factors qualitative and quantitative  
 anti-CCP-Ab (anti-cyclic citrullinated peptide antibodies)  
 IgA-RF  
 IgG-RF  
 IgM-RF

**set 2**

anti-streptolysin O qualitative and quantitative

➤ **Information**

The registration form for this survey you will find on page 65/66.



## SA - Thyroid antibodies

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SA1/21	<b>07.12.20</b>	03.03.21	08.03.21	20.03.21
SA2/21	17.05.21	04.08.21	09.08.21	21.08.21

€ **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)

➤ **Information**

The registration form for this survey you will find on page 67/68.

## SD - Pregnancy diagnostic

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SD1/21	<b>23.11.20</b>	06.01.21	11.01.21	30.01.21
SD2/21	08.03.21	30.03.21	06.04.21	24.04.21
SD3/21	31.05.21	23.06.21	28.06.21	17.07.21
SD4/21	16.08.21	08.09.21	13.09.21	02.10.21

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

material	fee	additional set
set 1	<b>43,00 €</b>	24,00 €
set 2	<b>39,00 €</b>	27,00 €
<b>set 1 and set 2</b>	<b>73,00 €</b>	

➤ **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  $\beta$ -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.

The registration form for this survey you will find on page 67/68.

## SP - Trace elements in urine

Survey	Application deadline	Sample dispatch date	survey period from	to
SP1/21	25.01.21	17.02.21	22.02.21	13.03.21
SP2/21	12.07.21	04.08.21	09.08.21	28.08.21

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

**49,00 €**  
**each additional required pair of samples 35,00 €**

▶ **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	

▶ **Information**

The registration form for this survey you will find on page 67/68.

## SV - Saliva diagnostic

Survey	Application deadline	Sample dispatch date	survey period from	to
SV1/21	18.01.21	07.04.21	12.04.21	24.04.21
SV2/21	10.05.21	01.09.21	06.09.21	18.09.21

€ **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

▶ **Information**

The registration form for this survey you will find on page 67/68.

## SW - Sweat analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
SW1/21	22.02.21	17.03.21	22.03.21	03.04.21
SW2/21	19.07.21	11.08.21	16.08.21	28.08.21

€ **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

▶ **Information**

The registration form for this survey you will find on page 67/68.

## TH - Thrombophilia screening

Survey	Application deadline	Dispatch date	Closing date
TH1/20	07.12.20	09.03.21	13.04.21
TH2/20		25.05.21	29.06.21
TH3/20		24.08.21	28.09.21
TH4/20		02.11.21	07.12.21

### € 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	125,00 €
Result submission via internet/report internet+post, annual subscription fee	250,00 €

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

Thrombophilia module I	365,00 €
Thrombophilia module II	147,50 €
Lupus Anticoagulant / Antiphospholipid Antibodies	172,50 €
Von Willebrand Faktor module (antigen, activity, collagen binding, multimers, Factor VIII)	275,00 €
ADAMTS-13 - I (activity and antigen)	192,50 €
Factor XIII (activity and antigen)	137,50 €
Fibrinolysis parameters I (Plasminogen, Antiplasmin)	133,50 €
Fibrinolysis parameters II (t-PA, PAI-1)	133,50 €
Unfractionated Heparin Monitoring (anti-Xa)	120,50 €
Low-Molecular Weight Heparin Monitoring (anti-Xa)	120,50 €

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

Faktor VIII Inhibitor	180,00 €
Thrombin Generation Test	143,50 €
ADAMTS-13 - II (antibodies)	125,00 €
Faktor IX Inhibitor	180,00 €

### The following prices are valid in each case for one survey

HIT - Immunological assays	105,00 €
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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: TH1/21, TH2/21, TH3/21, TH4/21

#### 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, activity, collagen binding, multimers, Factor 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 (TH2/21 + TH4/21)

#### Thrombin Generation Test (TH2/21 + TH4/21)

#### ADAMTS-13 - II (antibodies) (TH2/21 + TH4/21)

#### Faktor IX Inhibitor (TH1/21 + TH3/21)

### ▶ Analytes 1 per year:

#### HIT - I Immunological assays (TH3/21)

▶ **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 61/62.

## TM - Tumor markers group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TM1/21	<b>23.11.20</b>	06.01.21	11.01.21	30.01.21
TM2/21	08.03.21	30.03.21	06.04.21	24.04.21
TM3/21	31.05.21	23.06.21	28.06.21	17.07.21
TM4/21	16.08.21	08.09.21	13.09.21	02.10.21

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

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

▶ **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

▶ **Information**

The registration form for this survey you will find on page 67/68.

## TMX - Tumor markers group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TMX1/21	<b>23.11.20</b>	06.01.21	11.01.21	30.01.21
TMX2/21	08.03.21	30.03.21	06.04.21	24.04.21
TMX3/21	31.05.21	23.06.21	28.06.21	17.07.21
TMX4/21	16.08.21	08.09.21	13.09.21	02.10.21

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

		<b>34,00 €</b>
<b>each additional required pair of samples</b>		
		<b>24,00 €</b>

▶ **Sample material**

serum, lyophilized, 2 samples each 1 ml

▶ **Analytes**

chromogranin A	human epidermal growth factor receptor 2	CA 50
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➤ **Information**

The registration form for this survey you will find on page 67/68.

## TR - Clinical chemical analytes in serum „dry chemistry“

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TR1/21	<b>23.11.20</b>	06.01.21	11.01.21	23.01.21
TR2/21	22.02.21	17.03.21	22.03.21	03.04.21
TR3/21	07.06.21	30.06.21	05.07.21	17.07.21
TR4/21	04.10.21	27.10.21	02.11.21	13.11.21

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

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

➤ **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.  
The registration form for this survey you will find on page 67/68.

## VT - Vitamins and analgesics

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
VT1/21	08.02.21	03.03.21	08.03.21	20.03.21
VT2/21	12.07.21	04.08.21	09.08.21	21.08.21

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

	<b>44,00 €</b>
<b>each additional required pair of samples</b>	<b>27,00 €</b>

➤ **Sample material**

serum, lyophilized, 2 samples each 3 ml

➤ **Analytes**

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

➤ **Information**

The registration form for this survey you will find on page 67/68.

## ZL - Cell count in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
ZL1/21	<b>02.11.20</b>	02.03.21	08.03.21	13.03.21
ZL2/21	14.06.21	15.09.21	20.09.21	25.09.21

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

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

➤ **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.

The registration form for this survey you will find on page 67/68.

## ZY - Cytokines

Survey	Application deadline	Sample dispatch date	survey period from	to
ZY1/21	25.01.21	17.02.21	22.02.21	06.03.21
ZY2/21	06.04.21	28.04.21	03.05.21	15.05.21
ZY3/21	05.07.21	28.07.21	02.08.21	14.08.21
ZY4/21	04.10.21	27.10.21	02.11.21	13.11.21

€ **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 (TNF $\alpha$ )

PCT-POCT  
IL-6-POCT

➤ **Information**

The registration form for this survey you will find on page 67/68.

## Qualitative determinations

### AI - Antinuclear antibodies

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AI1/21	14.12.20	24.02.21	01.03.21	13.03.21
AI2/21	21.06.21	01.09.21	06.09.21	18.09.21

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

material	fee	additional set
set 1	74,00 €	42,00 €
set 2	71,00 €	42,00 €
<b>set 1 and set 2</b>	<b>128,00 €</b>	

#### ▶ 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  
Celiak disease ab  
Onconeural ab

#### ▶ Information

The registration form for this survey you will find on page 69/70.

### AL - Allergology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AL1/21	18.01.21	10.02.21	15.02.21	27.02.21
AL2/21	12.04.21	05.05.21	10.05.21	22.05.21
AL3/21	05.07.21	28.07.21	02.08.21	14.08.21
AL4/21	06.09.21	29.09.21	04.10.21	16.10.21

€ **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 €
<b>set 1 and set 2</b>	<b>74,00 €</b>	

#### ▶ 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):

AL1/21: mite (d1), scampi (f24), cod (f3), rye, cultivated (g12), alder (t2), honey bee venom (i1)

AL2/21: dog epithelia (e2), apple (f49), maple (t1), kiwi (f84), hazel (t4), wasp venom (i3)

AL3/21: mite (d2), pear (f94), salmon (f41), ash (t901), english plantain (w9), honey bee venom (i1)

AL4/21: cat epithelia (e1), walnut (f16), strawberry (f44), birch (t3), common ragweed (w1), wasp venom (i3)

#### ▶ 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.

The registration form for this survey you will find on page 69/70.

## BorrBimm - Anti-Borrelia burgdorferi

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BorrBimm1/21	19.04.21	26.05.21	31.05.21	12.06.21
BorrBimm2/21	09.08.21	15.09.21	20.09.21	02.10.21

€ **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

▶ **Information**

The registration form for this survey you will find on page 69/70.

## CMVimm - CMV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CMVimm1/21	04.01.21	10.03.21	15.03.21	27.03.21
CMVimm2/21	21.06.21	25.08.21	30.08.21	11.09.21

€ **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

▶ **Information**

The registration form for this survey you will find on page 69/70.

## CoVimm - SARS-CoV-2 Immunology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CoVimm1/21	05.04.21	26.05.21	31.05.21	05.06.21
CoVimm2/21	30.08.21	20.10.21	25.10.21	30.10.21

€ **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 IgG                      Anti-SARS-CoV-2 IgA

▶ **Information**

The registration form for this survey you will find on page 69/70.



## DF - Hematology - Differential blood count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DF1/21	21.12.20	20.01.21	25.01.21	06.02.21
DF2/21	22.03.21	14.04.21	19.04.21	01.05.21
DF3/21	21.06.21	14.07.21	19.07.21	31.07.21
DF4/21	30.08.21	22.09.21	27.09.21	09.10.21

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

**45,00 €**  
each additional required pair of samples **27,00 €**

▶ **Sample material**

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

▶ **Information**

The registration form for this survey you will find on page 69/70.

## DS - Drug screening in urine

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DS1/21	18.01.21	10.02.21	15.02.21	27.02.21
DS2/21	12.04.21	05.05.21	10.05.21	22.05.21
DS3/21	28.06.21	21.07.21	26.07.21	07.08.21
DS4/21	04.10.21	27.10.21	02.11.21	13.11.21

€ **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. The registration form for this survey you will find on page 69/70.

## EBVimm - Epstein-Barr-Virus serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
EBVimm1/21	18.01.21	24.02.21	01.03.21	13.03.21
EBVimm2/21	19.07.21	25.08.21	30.08.21	11.09.21

€ **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
- > **Information**  
The registration form for this survey you will find on page 69/70.

## HAVimm - HAV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HAVimm1/21	04.01.21	10.03.21	15.03.21	27.03.21
HAVimm2/21	21.06.21	25.08.21	30.08.21	11.09.21

€ **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
- > **Information**  
The registration form for this survey you will find on page 69/70.

## HBVimm1 - HBV serology minor

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HBVimm11/21	04.01.21	10.03.21	15.03.21	27.03.21
HBVimm12/21	21.06.21	25.08.21	30.08.21	11.09.21

€ **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
- > **Information**  
The registration form for this survey you will find on page 69/70.

## HBVimm2 - HBV serology major

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HBVimm21/21	04.01.21	10.03.21	15.03.21	27.03.21
HBVimm22/21	21.06.21	25.08.21	30.08.21	11.09.21

€ **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

> **Information**

The registration form for this survey you will find on page 69/70.

## HCVimm - HCV serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HCVimm1/21	04.01.21	10.03.21	15.03.21	27.03.21
HCVimm2/21	21.06.21	25.08.21	30.08.21	11.09.21

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

	<b>92,00 €</b>
<b>each additional required set of samples</b>	<b>46,00 €</b>

> **Sample material**

4 liquid samples of defibrinated plasma or serum

> **Analytes**

Anti-HCV IgG + IgM

> **Information**

The registration form for this survey you will find on page 69/70.

## HerpVimm - Herpes viruses serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HerpVimm1/21	18.01.21	24.02.21	01.03.21	13.03.21
HerpVimm2/21	19.07.21	25.08.21	30.08.21	11.09.21

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

	<b>set 1</b>	<b>82,00 €</b>
	<b>set 2</b>	<b>82,00 €</b>
	<b>set 1 + 2</b>	<b>134,00 €</b>
<b>each additional required set of samples</b>		<b>46,00 €</b>

> **Sample material**

plasma, 4 samples, each 500 µl

> **Analytes**

Set 1: HSV 1/2	IgG + IgM
Set 2: VZV	IgG + IgM

> **Information**

The registration form for this survey you will find on page 69/70.

## HIVimm - HIV serology

Survey	Application deadline	Sample dispatch date	survey period from	to
HIVimm1/21	04.01.21	10.03.21	15.03.21	27.03.21
HIVimm2/21	21.06.21	25.08.21	30.08.21	11.09.21

€	<b>Net prices plus VAT</b> (Standard shipping within Germany included)	<b>124,00 €</b>
	<b>each additional required set of samples</b>	<b>62,00 €</b>
>	<b>Sample material</b> 4 liquid samples of defibrinated plasma or serum	
>	<b>Analytes</b> Anti-HIV 1/2 Ak / Ag(p24)	
>	<b>Information</b> The registration form for this survey you will find on page 69/70.	

## HS - Urinary calculus

Survey	Application deadline	Sample dispatch date	survey period from	to
HS1/21	18.01.21	10.02.21	15.02.21	27.02.21
HS2/21	12.07.21	04.08.21	09.08.21	21.08.21

€	<b>Net prices plus VAT</b> (Standard shipping within Germany included)	<b>40,00 €</b>
	<b>each additional required set of samples</b>	<b>17,00 €</b>
>	<b>Sample material</b> 4 samples of pulverized urinary calculus components (pure, mixed, human stones)	
>	<b>Information</b> Together with the evaluation of the survey you will get IR-spectra, which you can collect for an IR-catalog. The registration form for this survey you will find on page 69/70.	

## HTLVimm - Human T-lymphotropic virus

Survey	Application deadline	Sample dispatch date	survey period from	to
HTLVimm1/21	18.01.21	10.02.21	15.02.21	27.02.21
HTLVimm2/21	12.07.21	04.08.21	09.08.21	21.08.21

€	<b>Net prices plus VAT</b> (Standard shipping within Germany included)	<b>90,00 €</b>
	<b>each additional required set of samples</b>	<b>42,00 €</b>
>	<b>Sample material</b> lyophilized plasma, 4 samples	
>	<b>Analyt</b> Anti-Human T-lymphotropic virus	
>	<b>Information</b> The registration form for this survey you will find on page 69/70.	

## IA - Immunohematology for automated systems

Survey	Application deadline	Sample dispatch date	survey period from	to
IA1/21	11.01.21	02.02.21	03.02.21	13.02.21
IA2/21	22.03.21	13.04.21	14.04.21	24.04.21
IA3/21	05.07.21	27.07.21	28.07.21	07.08.21
IA4/21	27.09.21	19.10.21	20.10.21	30.10.21

€ **Net prices plus VAT** (Standard shipping within Germany included) **82,00 €**  
**each additional required set of samples** **42,00 €**

➤ **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

➤ **Information**  
 The registration form for this survey you will find on page 69/70.

### IH - Immunohematology Major (extended offer)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IH1/21	25.01.21	16.02.21	17.02.21	27.02.21
IH2/21	05.04.21	27.04.21	28.04.21	08.05.21
IH3/21	07.06.21	29.06.21	30.06.21	10.07.21
IH4/21	13.09.21	05.10.21	06.10.21	16.10.21

€ **Net prices plus VAT** (Standard shipping within Germany included) **59,00 €**  
**each additional required set of samples** **30,00 €**

➤ **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 antibody differentiation is included. In addition to the analytes of the basic program (Minor).  
 The registration form for this survey you will find on page 69/70.

### IM - Immunohematology Minor (basic programm)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IM1/21	25.01.21	16.02.21	17.02.21	27.02.21
IM2/21	05.04.21	27.04.21	28.04.21	08.05.21
IM3/21	07.06.21	29.06.21	30.06.21	10.07.21
IM4/21	13.09.21	05.10.21	06.10.21	16.10.21

€ **Net prices plus VAT** (Standard shipping within Germany included) **51,00 €**  
**each additional required set of samples** **25,00 €**

➤ **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

➤ **Information**  
 The registration form for this survey you will find on page 69/70.

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

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
KUST1/21	21.12.20	13.01.21	18.01.21	30.01.21
KUST2/21	01.03.21	24.03.21	29.03.21	10.04.21
KUST3/21	25.05.21	16.06.21	21.06.21	03.07.21
KUST4/21	23.08.21	15.09.21	20.09.21	02.10.21

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

**23,00 €**

**each additional required pair of samples**

**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		

### > Information

The registration form for this survey you will find on page 71/72.

## MaMulmm - Morbilli and mumps serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MaMulmm1/21	18.01.21	24.02.21	01.03.21	13.03.21
MaMulmm2/21	19.07.21	25.08.21	30.08.21	11.09.21

€ **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: morbilli IgG + IgM  
set 2: mumps IgG + IgM

### > Information

The registration form for this survey you will find on page 71/72.

## OB - Oligoclonal bands in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
OB1/21	08.02.21	03.03.21	08.03.21	27.03.21
OB2/21	26.07.21	18.08.21	23.08.21	11.09.21

€ **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.

> **Information**

The registration form for this survey you will find on page 71/72.

## pvB19imm - Parvovirus B19 serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
pvB19imm1/21	04.01.21	10.03.21	15.03.21	27.03.21
pvB19imm2/21	21.06.21	25.08.21	30.08.21	11.09.21

€ **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

> **Information**

The registration form for this survey you will find on page 71/72.

## RoetLimm - Anti-Rubella-Virus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RoetLimm1/21	19.04.21	26.05.21	31.05.21	12.06.21
RoetLimm2/21	09.08.21	15.09.21	20.09.21	02.10.21

€ **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

> **Information**

The registration form for this survey you will find on page 71/72.

## SX - Systematic toxicologic analysis

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SX1/21	22.02.21	14.04.21	19.04.21	08.05.21
SX2/21	21.06.21	11.08.21	16.08.21	04.09.21

€ **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](http://www.rfb.bio/cgi/anaLists/SX/en)), the proof of 6 - 8 substances with chromatographic methods is required in both samples.

> **Information**

The registration form for this survey you will find on page 71/72.

## ToxoGimm - Anti-Toxoplasma-gondii

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ToxoGimm1/21	19.04.21	26.05.21	31.05.21	12.06.21
ToxoGimm2/21	09.08.21	15.09.21	20.09.21	02.10.21

€ **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

> **Information**

The registration form for this survey you will find on page 71/72.

## TrepPimm - Anti-Treponema pallidum

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TrepPimm1/21	19.04.21	26.05.21	31.05.21	12.06.21
TrepPimm2/21	09.08.21	15.09.21	20.09.21	02.10.21

€ **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

> **Information**

The registration form for this survey you will find on page 71/72.

## TX - Toxicologic analyses

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TX1/21	18.01.21	10.02.21	15.02.21	27.02.21
TX2/21	28.06.21	21.07.21	26.07.21	07.08.21

€ **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.

The registration form for this survey you will find on page 71/72.



## US - Urine sediment

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
US1/21	15.03.21	24.03.21	29.03.21	10.04.21
US2/21	13.09.21	22.09.21	27.09.21	16.10.21

### € 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

#### > Information

The registration form for this survey you will find on page 71/72.

## VariAimm - Various immunological analytes

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
VariAimm1/21	19.04.21	26.05.21	31.05.21	12.06.21
VariAimm2/21	09.08.21	15.09.21	20.09.21	02.10.21

### € 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

#### > Information

The registration form for this survey you will find on page 71/72.

## ZZ - Cerebrospinal fluid cytology

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
ZZ1/21	03.05.21	11.05.21	17.05.21	29.05.21
ZZ2/21	13.09.21	22.09.21	27.09.21	09.10.21

### € Fee for each survey, net prices plus VAT

42,00 €

#### > Sample material

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

#### > Analytes

Both preparations are to be assessed for morphology and diagnosis

#### > Information

The registration form for this survey you will find on page 71/72.

## Direct detection of pathogens

### BA - Bacteriology Major

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BA1/21	06.04.21	11.05.21	17.05.21	29.05.21
BA2/21	30.08.21	06.10.21	11.10.21	23.10.21

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

**90,00 €**

➤ **Sample material**

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

➤ **Investigation target**

identification and resistance testing

➤ **Information**

The registration form for this survey you will find on page 73/74.

### BakNAT1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT11/21	22.03.21	11.05.21	17.05.21	29.05.21
BakNAT12/21	30.08.21	20.10.21	25.10.21	06.11.21

€ **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  
Analyte 8: Chlamydia trachomatis

➤ **Information**

The registration form for this survey you will find on page 73/74.

### BakNAT2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT21/21	22.03.21	11.05.21	17.05.21	29.05.21
BakNAT22/21	30.08.21	20.10.21	25.10.21	06.11.21

€ **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  
Analyte 6: Neisseria gonorrhoeae

> **Information**

The registration form for this survey you will find on page 73/74.

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

Survey	Application deadline	Sample dispatch date	survey period from	to
BAK-TK1/21 Set 1	22.03.21	21.04.21	22.04.21	23.04.21
BAK-TK1/21 Set 2 + 3	22.03.21	21.04.21	22.04.21	05.05.21
BAK-TK2/21 Set 1	04.10.21	03.11.21	04.11.21	05.11.21
BAK-TK2/21 Set 2 + 3	04.10.21	03.11.21	04.11.21	17.11.21

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

set 1	200,00 €	set 1 + 3	300,00 €
set 2	150,00 €	set 2 + 3	250,00 €
set 3	200,00 €	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**

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

The registration form for this survey you will find on page 73/74.

## BM - Bacteriology Minor

Survey	Application deadline	Sample dispatch date	survey period from	to
BM1/21	06.04.21	11.05.21	17.05.21	29.05.21
BM2/21	30.08.21	06.10.21	11.10.21	23.10.21

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

66,00 €

> **Sample material**

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

> **Investigation target**

identification and resistance testing

> **Information**

The registration form for this survey you will find on page 73/74.

## B-Stscre - B-Streptococci screening

Survey	Application deadline	Sample dispatch date	survey period from	to
B-Stscre1/21	08.02.21	30.03.21	05.04.21	17.04.21
B-Stscre2/21	16.08.21	06.10.21	11.10.21	23.10.21

€ **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

> **Information**

The registration form for this survey you will find on page 73/74.

## ChlamTra - Chlamydia trachomatis AG

Survey	Application deadline	Sample dispatch date	survey period from	to
ChlamTra1/21	22.03.21	11.05.21	17.05.21	29.05.21
ChlamTra2/21	30.08.21	20.10.21	25.10.21	06.11.21

€ **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

> **Information**

The registration form for this survey you will find on page 73/74.

## CrypCand - Cryptococcus neoformans and candida albicans antigen

Survey	Application deadline	Sample dispatch date	survey period from	to
CrypCand1/21	08.02.21	30.03.21	05.04.21	17.04.21
CrypCand2/21	16.08.21	06.10.21	11.10.21	23.10.21

€ **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

> **Analyte**

Cryptococcus neoformans and candida albicans antigen

> **Information**

The registration form for this survey you will find on page 73/74.

## GP - Gram-staining

Survey	Application deadline	Sample dispatch date	survey period from	to
GP1/21	11.01.21	24.02.21	01.03.21	13.03.21
GP2/21	05.07.21	18.08.21	23.08.21	04.09.21

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

**36,00 €**

**each additional required pair of samples 14,00 €**

➤ **Sample material**

2 fixed unstained smears

➤ **Examination**

Judgement of staining and morphology

➤ **Information**

The registration form for this survey you will find on page 73/74.

## HEVpcr - Hepatitis E virus

Survey	Application deadline	Sample dispatch date	survey period from	to
HEVpcr1/21	18.01.20	10.02.21	15.02.21	27.02.21
HEVpcr2/21	12.07.21	04.08.21	09.08.21	21.08.21

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

**140,00 €**

**each additional required set of samples 56,00 €**

➤ **Sample material**

lyophilized EDTA-plasma, 4 samples

➤ **Analyte**

Hepatitis E virus

➤ **Information**

The registration form for this survey you will find on page 73/74.

## Infl-RSV - Influenza and RSV antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from	to
Infl-RSV1/21	15.03.21	28.04.21	03.05.21	15.05.21
Infl-RSV2/21	16.08.21	20.10.21	25.10.21	06.11.21

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

**one analyte 80,00 €**

**both analytes 130,00 €**

➤ **Sample material**

NaCl-matrix, 4 samples, each 1 ml

➤ **Analytes**

Analyte 1: Influenza AG  
Analyte 2: RSV AG

➤ **Information**

The registration form for this survey you will find on page 73/74.

## MRGNscre - MRGN Screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MRGNscre1/21	08.02.21	30.03.21	05.04.21	17.04.21
MRGNscre2/21	16.08.21	06.10.21	11.10.21	23.10.21

€ **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**

Culture proof of MRGN

Molecular diagnostic proof of Carbapenemases

> **Information**

The registration form for this survey you will find on page 73/74.

## MRSAscre - MRSA Screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MRSAscre1/21	22.03.21	11.05.21	17.05.21	29.05.21
MRSAscre2/21	30.08.21	20.10.21	25.10.21	06.11.21

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

**84,00 €**

> **Sample material**

4 eswab tubes, 1 ml

> **Analytes**

MRSA Screening for cultural evidence and NAT-methods

> **Information**

The registration form for this survey you will find on page 73/74.

## MykCult - Cultivation and identification of fungi

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MykCult1/21	22.03.21	11.05.21	17.05.21	05.06.21
MykCult2/21	30.08.21	20.10.21	25.10.21	13.11.21

€ **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

> **Information**

The registration form for this survey you will find on page 73/74.

## MykIdent - Identification of fungi

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
MykIdent1/21	08.03.21	30.03.21	05.04.21	17.04.21
MykIdent2/21	13.09.21	06.10.21	11.10.21	23.10.21

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

**60,00 €**

➤ **Sample material**

virtual microscopy of 2 preparations

➤ **Analytes**

Identification of fungi

➤ **Information**

The registration form for this survey you will find on page 73/74.

## NoroPCR - Norovirus PCR

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
NoroPCR1/21	08.03.21	30.03.21	06.04.21	17.04.21
NoroPCR2/21	23.08.21	06.10.21	11.10.21	23.10.21

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

**one set**

**150,00 €**

➤ **Sample material**

NaCl-matrix, liquid, 4 samples

➤ **Analyte**

Norovirus RNA

➤ **Information**

The registration form for this survey you will find on page 73/74.

## ParasitB - Parasites in blood

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
ParasitB1/21	15.03.21	28.04.21	03.05.21	15.05.21
ParasitB2/21	20.09.21	20.10.21	25.10.21	06.11.21

€ **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

➤ **Information**

The registration form for this survey you will find on page 73/74.

## ParasitS - Parasites in stool

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
ParasitS1/21	15.03.21	28.04.21	03.05.21	15.05.21
ParasitS2/21	20.09.21	20.10.21	25.10.21	06.11.21

### € 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

#### > Information

The registration form for this survey you will find on page 73/74.

## PolyVir1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PolyVir11/21	08.02.21	10.05.21	17.05.21	29.05.21
PolyVir12/21	16.08.21	20.10.21	25.10.21	06.11.21

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

<b>material</b>	<b>fee</b>	additional set
<b>one set</b>	<b>150,00 €</b>	<b>75,00 €</b>

#### > 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

#### > Information

The registration form for this survey you will find on page 75/76.

## PolyVir2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PolyVir21/21	15.03.21	28.04.21	03.05.21	15.05.21
PolyVir22/21	05.07.21	05.10.21	11.10.21	23.10.21

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

<b>material</b>	<b>fee</b>	additional set
<b>one set</b>	<b>150,00 €</b>	<b>50,00 €</b>

#### > 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	

#### > Information

The registration form for this survey you will find on page 75/76.



## ToxoGen - Toxoplasma Gondii Genome

Survey	Application deadline	Sample dispatch date	survey period from	to
ToxoGen1/21	22.03.21	11.05.21	17.05.21	29.05.21
ToxoGen2/21	30.08.21	20.10.21	25.10.21	06.11.21

€ **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

➤ **Information**

The registration form for this survey you will find on page 75/76.

## TubDiag - Tuberculosis diagnostic

Survey	Application deadline	Sample dispatch date	survey period from	to
TubDiag1/20 Set 1 + 4	22.01.21	24.03.21	25.03.21	09.04.21
TubDiag1/20 Set 2	22.01.21	24.03.21	25.03.21	02.06.21
TubDiag1/20 Set 3 + 5 + 6	22.01.21	24.03.21	25.03.21	12.05.21
TubDiag2/20 Set 1 + 4	16.07.21	15.09.21	16.09.21	01.10.21
TubDiag2/20 Set 2	16.07.21	15.09.21	16.09.21	26.11.21
TubDiag2/20 Set 3 + 5 + 6	16.07.21	15.09.21	16.09.21	05.11.21

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

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

<b>set 1</b>	<b>49,00 €</b>	<b>set 4</b>	<b>67,00 €</b>
<b>set 2</b>	<b>49,00 €</b>	<b>set 5</b>	<b>39,00 €</b>
<b>set 3</b>	<b>42,00 €</b>	<b>set 6</b>	<b>39,00 €</b>

➤ **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.

The registration form for this survey you will find on page 75/76.

## VREscre - VRE Screening

Survey	Application deadline	Sample dispatch date	survey period from	to
VREscre1/21	08.02.21	30.03.21	05.04.21	17.04.21
VREscre2/21	16.08.21	06.10.21	11.10.21	23.10.21

€ **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

➤ **Information**

The registration form for this survey you will find on page 75/76.

# Ejaculate investigation

## EJ - Semen analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
EJ1/21	27.01.21	22.02.21	23.02.21	22.03.21
EJ2/21	14.09.21	11.10.21	12.10.21	11.11.21

€ **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. This dispatch of the samples and the evaluation is done by QuaDeGa.

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

The registration form for this survey you will find on page 75/76.

## Molecular- and cytogenetic investigations

### ctDNA - circulating tumor DNA

Survey	Application deadline	Sample dispatch date	survey period from	to
ctDNA1/21	25.01.21	23.03.21	29.03.21	24.04.21
ctDNA2/21	26.07.21	21.09.21	27.09.21	23.10.21

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

**material one set**      **fee** 125,00 €      **additional set** 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 2 ml

#### ▶ **Analyte**

set A: KRAS C12, C13  
(rs121913530, rs121913529, rs121913535, rs112445441, rs121913238, rs121913240, rs17851045)

set B: BRAF V600E (rs113488022)

set C: EGFR T790M (rs121434569)

Set D: NRAS 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 and C.

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.

The registration form for this survey you will find on page 75/76.

### DI - DNA isolation

Survey	Application deadline	Sample dispatch date	survey period from	to
DI1/21	04.01.21	10.03.21	15.03.21	10.04.21
DI2/21	28.06.21	01.09.21	06.09.21	02.10.21

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

**each additional required pair of samples**      **62,00 €**  
**30,00 €**

#### ▶ **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, HFE (H63D, C282Y, S65C)

#### ▶ **Information**

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

The registration form for this survey you will find on page 75/76.

## MG1 - Molecular genetics group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG11/21	11.01.21	10.03.21	15.03.21	03.04.21
MG12/21	05.07.21	01.09.21	06.09.21	25.09.21

€ **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,  $\beta$ Fib (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

### Information

The registration form for this survey you will find on page 75/76.

## MG2 - Molecular genetics group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG21/21	11.01.21	10.03.21	15.03.21	03.04.21
MG22/21	05.07.21	01.09.21	06.09.21	25.09.21

€ **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 (Ex 14 skipp), BCHE A/K, DPYD\*13, DPYD D949V (rs67376798), DPYD 1129 (rs75017182)

set B: K-Ras: Codon 12/13/61, BRAF V600E, BRAF V600K, cKit D816V

set C: HLA-B27, TNF alpha (238, 308)

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 Polymorphism), 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.

The registration form for this survey you will find on page 75/76.

➤ **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](http://www.rfb.bio/pdf/EMQN.pdf)

8 Hereditary hemochromatosis (genotyping and interpretation)

17 Cystic fibrosis, mucoviscidosis

18 Familial breast-/ovarial- cancer (BRCA)

19 21-hydroxylase deficiency (Congenital adrenal hyperplasia)

20 Duchenne and Becker muscular dystrophy

21 Fragile X Syndrome

22 Hereditary auditory disorder

23 Hereditary nonpolyposis colon cancer

24 Huntington s disease

25 Prader-Willi and Angelman syndromes

26 Spinal Muscular Atrophy

28 Y chromosome microdeletions

## SQ - DNA Sequencing

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SQ1/21	10.01.21	10.03.21	15.03.21	10.04.21
SQ2/21	28.06.21	01.09.21	06.09.21	02.10.21

€ **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 and corresponding diagnostic interpretation

➤ **Information**

This survey is not subject of the accredited area of the RfB.  
The registration form for this survey you will find on page 75/76.

**Responsible body of the Reference Institute for Bioanalytics (RfB) is the  
Foundation for Pathobiochemistry and Molecular Diagnostics**

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Calibration laboratories	Grote-Koska, Dr. D., Medizinische Hochschule Hannover Stobe, Ms. Dr. C., BioCampus Köln
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No matter whether you are a participant in a ring trial, a prospective customer or are simply visiting our website: we respect and protect your private sphere. In accordance with Art. 13 of the EU General Data Protection Regulation (EU-GDPR), we hereby inform you of the means by which we collect, process and use your personal data. At the same time, we especially focus on transparent use of your data by the RfB that's fair for you. The following provides you with an overview of what personal data we collect from you and what we do with it. We also inform you of your rights according to data protection legislation in effect and let you know who you can consult if you have any further questions.

### **Who are we?**

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

Responsible party as per EU-GDPR

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Foundation directory Karlsruhe - Ref. no.: 14-0563.1

Authorised representative: Dr. Wolf-Jochen Geilenkeuser - [datenschutzbeauftragter@spmd-rfb.de](mailto: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 ring trials 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, ring trial 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 ring trials 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 ring trial 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 ring trial organisers**

If you have registered with us for a ring trial 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 ring trial 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**

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#### **Further information**

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

## Symbole

17-OH-progesterone 20, 24  
 25-OH-cholecalciferol 27  
 25-OH-D3 (25-OH-cholecalciferol),  
 25-(OH)<sub>2</sub>-D3 27  
 25-OH-vitamin D total 27  
 260 nm 21  
 280 nm 21  
 334 nm 21  
 340 nm 21  
 365 / 366 nm 21  
 405 nm 21  
 546 nm 21  
 560 nm 21  
 (IL-1 β) 28  
 α1-antitrypsin 17  
 α1-glycoprotein 17  
 α1-microglobulin 19  
 α2-macroglobulin 19  
 α-amylase 19, 27  
 α-HBDH 19  
 β-2-microglobulin 26  
 βFib (g455a) 51  
 βFib g-455a 51  
 γ-globulin 19  
 γ-GT 19, 27

## A

a1 PI 51  
 AB0-system 35  
 ABCB1 (MDR1) c.3435C>T 51  
 Accucheck 15  
 Accutrend 15  
 ACE 51  
 acetaminophen 27  
 acid phosphatase, prostate 19  
 acid phosphatase, total 19  
 activated partial thromboplastin time 15  
 AD 9  
 ADAMTS-13 25, 62  
 ADAMTS-13 - I (activity and antigen) 62  
 ADAMTS-13 - I (activity and antigen) 25  
 ADAMTS-13 - II (antibodies) 25  
 ADAMTS-13 - II (inhibitor) 25  
 ADAMTS-13 (inhibitor) 25, 62  
 Adenoviren 46  
 AFP 23, 26  
 AK 9  
 albumin 17, 18, 19, 27  
 albumin (chem.) 19  
 albumin (elektrophoresis) 19  
 AldoB (149,174,334) 51  
 aldosterone 16  
 alkaline phosphatase 19, 27  
 allergology 29  
 Allergology 70  
 ALT 19, 27  
 aluminium 24  
 AM 10  
 amikacin 9  
 ammonia 10  
 Ammonia 64  
 amphetamine 31  
 analgesics 27  
 antibodies 22  
 antibody differentiation 35  
 antibody test 35  
 antibody titer 35  
 Anti-Borrelia burgdorferi 30, 70  
 Anti-Candida albicans IgG 39  
 anti-CCP-Ab 22, 23  
 Anti-CMV IgG + total 30  
 Anti-CMV IgM 30  
 antidepressives 31  
 Anti-Echinococcus IgG 39  
 Anti-Entamoeba histolytica IgG 39  
 Anti-HAV IgG 32  
 Anti-HAV IgM 32  
 Anti-HAV total 32  
 Anti-HBc 32, 33  
 Anti-HBc-IgM 33

Anti-HBe 33  
 Anti-HBs 32, 33  
 Anti-HCV IgG 33  
 Anti-HCV IgG + IgM 33  
 Anti-HIV 1/2 Ak / Ag(p24) 34  
 anti-Müllerian hormone (AMH) 23  
 antinuclear antibodies 29  
 Antinuclear antibodies 70  
 Anti-Parvovirus B19 IgG + total 37  
 Anti-Parvovirus B19 IgM 37  
 Antiphospholipid Antibodies 25  
 antiphospholipide ab 25  
 Antiplasmin 25, 62  
 Anti-Plasmodium IgG total 39  
 Anti-Rubella-Virus 37, 72  
 Anti-Rubella-Virus IgG 37  
 Anti-Rubella-Virus IgM 37  
 Anti-Rubella-Virus total 37  
 Anti-SARS-CoV-2 IgA 30  
 Anti-SARS-CoV-2 IgG 30  
 Anti-Schistosoma IgG 39  
 Anti-Streptokokken-Desoxyribonuklease  
 IgG 39  
 anti-streptolysin O 22  
 antithrombin 25  
 Antithrombin 62  
 antithrombin III 15  
 antithrombin III (AT III), activity 15  
 Anti-Toxoplasma gondii 72  
 Anti-Toxoplasma-gondii 38  
 Anti-Treponema pallidum 38, 72  
 anti-Xa 25, 62  
 APC resistance 62  
 APC-Resistance 25  
 Apo B100 51  
 ApoB100, 51  
 Apo E 51  
 apolipoproteins 20  
 Application 62, 67  
 application surveys 70, 74, 76  
 arsenic 24  
 Ascentia Elite 15  
 AST 19, 27  
 A-subgroups 35  
 AI 29  
 AL 29  
 AMA 29  
 ANA 29  
 ANCA 29  
 annual report 62  
 antibodies 29, 62  
 antiphospholipide ab 29, 62  
 application 62  
 application surveys 64, 66, 68, 72  
 application Thrombophilia screening 61  
 AT3 Cambridge Typ I/II 51  
 Automatic differential count 9, 64

## B

BakNAT1 40, 74  
 BakNAT1 - Genome evidence 74  
 BakNAT2 40, 74  
 BakNAT2 - Genome evidence 74  
 Bakteriologie Major 40  
 Bakteriologie Minor 41, 74  
 BAK-TK 41, 74  
 barbiturate 31  
 B-cells 18  
 BA 40  
 Bakteriologie Major 74  
 BCHE A/K 51  
 benzodiazepine 31  
 BF 10  
 BG 10  
 BI 11  
 bilirubin 19, 36  
 bilirubin, conjugated 11  
 bilirubin, direct 11, 19  
 bilirubin, indirect 11  
 bilirubin, total 11, 19, 27  
 bilirubin, unconjugated 11  
 Blood gas 10, 64

blood groups 35  
 blood preparation 22  
 blood samples 18  
 blood slides 31  
 BM 41  
 BNP 11  
 Body fluid 10  
 Bone metabolism 21, 66  
 bone specific alkaline phosphatase  
 (BAP) 21  
 Bordetella pertussis 40  
 BorrBimm 30  
 Borrelia burgdorferi 41  
 BRAF V600E 50, 51  
 BsmI/ApaI/TaqI 51  
 B-Streptococci screening 42  
 B-Streptococci screening for cultural  
 evidence and NAT-methods 42  
 B-Stscre 42, 74

## C

C3 complement 17  
 C4 complement 17  
 CA 15-3 26  
 CA 19-9 26  
 CA 50 26  
 CA 72-4 26  
 CA 125 26  
 cadmium 24  
 caffein 9  
 calcitonin 26  
 calcium 19, 27  
 calcium, ionized 11, 19  
 calcium, total 19  
 Calprotectin (quantitative, qualitative) 14  
 cannabinoide 31  
 carbamazepin 9  
 carboxyhemoglobin (COHb) 21  
 cardiac markers 11, 12  
 Cardiac markers 64  
 Cardiac markers in whole blood 12, 64  
 cardiac troponin I 11, 12  
 cardiac troponin T 11, 12  
 CCR5-del-32bp 51  
 CDT 13  
 CD transferrin 13, 49  
 CD Transferrin 64  
 CEA 26  
 celiak disease ab 29  
 Cell count in cerebrospinal fluid 28  
 Cell count in CSF 68  
 cerebrospinal fluid 18, 39  
 Cerebrospinal fluid cytology 39, 72  
 Certificates 6  
 CETP 51  
 Change of Customer's data 7  
 changes of orders 5  
 ChlamTra 42, 74  
 Chlamydia pneumoniae 40  
 Chlamydia trachomatis 40  
 Chlamydia trachomatis AG 42, 74  
 Chlamydia trachomatis antigen 42  
 chloride 11, 19, 24, 27  
 cholesterol 19, 20, 27  
 cholinesterase 19, 27  
 chromatographic methods 38  
 chromium 24  
 chromogranin A 26  
 circulating tumor DNA 50  
 citrate 19  
 citrullinated peptide antibodies 22  
 CK 27  
 CK, creatine kinase 19  
 CK-MB mass + activity 11  
 Clin. chem. analytes in urine, qualitative 72  
 clinical chemical analytes 18, 19, 27, 36  
 Clinical chemical analytes in CSF 66  
 Clinical chemical analytes in serum 66, 68  
 Clinical chemical analytes in urine 66  
 CM 11  
 CMV-DNA 46  
 CMVimm 30

- CMVimm CMV Serology 70  
 CMV Serologie 30, 34, 43, 45  
 CMV serology 30  
 CMX 12  
 coagulation 15  
 Coagulation 66  
 cobalt 24  
 cocain/metab. 31  
 coeruloplasmin 17  
 COHb 21  
 Col1A1 SP1 51  
 collagen binding 25, 62  
 coloured solutions 22  
 conductivity 24  
 contact 2  
 Contract type 5  
 contract type A 5  
 contract type B 5  
 copper 19, 24  
 cortisol 16, 24  
 CoVimm 30  
 Coxiella burnetii 40  
 cPSA 26  
 creatinine 11, 19, 27  
 CRP 17  
 CRP qualitative 17  
 CrypCand 42, 74  
 Cryptococcus neoformans and candida albicans antigen 42  
 Cryptococcus neoformans and Candida albicans antigen 74  
 CS 12  
 CSF 18, 28, 36  
 CSF, lyophilized 18, 36  
 ctDNA 50  
 CTx (CrossLaps) and P1NP 21  
 Cultivation and identification of fungi 44, 74  
 Cultural proof of VRE 48  
 Culture proof of MRGN 44  
 Cw antigen 35  
 cyanocobalamin 27  
 cyclosporine 12  
 CYFRA 26  
 CYP2B6 \*4/\*9/\*6 51  
 CYP2C8 (K399R) 51  
 Cyp2C9 \*2/\*3 51  
 CYP2C9\*2/\*3 51  
 CYP2C19 (\*2/\*17) 51  
 CYP2D6 51  
 CYP3A4\*22 51  
 CYP3A5\*3 51  
 cystatin C 17  
 Cytokines 28, 68
- D**
- Data protection declaration 55  
 DD 12  
 D-dimer 13  
 D-Dimer 12, 13, 64  
 D-Dimer (FEU) 13  
 D-Dimer, quantiativ 13  
 defibrinated plasma 32  
 defined genotypes 50  
 dehydrogenase 19  
 Detection of mycobacteria by culture and differentiation between TB and NTM (Instand program 422) 47  
 Detection of tubercle-bacilli by NAT (Instand program 424). 47  
 Detection with culture methods 41  
 Detection with rapid methods 41  
 DF 31  
 DHEA-S 16  
 DI 50  
 diagnoses 18  
 differential blood count 31  
 differentiation 9  
 digitoxin 9  
 digoxin 9  
 direct Coombs' test 35  
 DNA 50  
 DNA isolation 50  
 DNA preparation 51  
 DNA-preparation 52  
 DNA isolation 50, 76  
 DNA sequencing 76  
 DNA Sequencing 52  
 DNA sequencing 52  
 DPYD \*2A (Ex 14 skipp) 51  
 DPYD\*13 51  
 DPYD D949V (rs67376798) 51  
 drug group 31  
 drugs 31  
 drug screening in urine 31  
 Drug screening in urine 70  
 Drug susceptibility (Instand program 425) 47  
 Drug susceptibility (Instand program 426) 47  
 dry chemistry 14, 27, 68  
 DS 31  
 ds-DNA-ab 29  
 DT 13, 49
- E**
- EBV 46  
 EBV-EA (early antigen) 32  
 EBV-EBNA 32  
 EBVimm 31, 70  
 EBV-VCA 32  
 ECAT 26  
 EG 13  
 EGFR T790M (rs121434569) 50  
 EHEC/STEC 41  
 EJ 49  
 EJ Semen 76  
 Elastase -1 (quantitative, qualitative) 14  
 EMQN 52  
 ENA 29  
 Enteroviren 46  
 Epstein-Barr-Virus serology 31, 70  
 erythrocyte count 10, 16, 28  
 erythrocyte suspension 35  
 estradiol-17β 16  
 estriol 23  
 ET 13, 43  
 ethanol 14  
 Ethanol 13, 64  
 ethosuximide 9  
 Ethylglucuronide 13, 64  
 everolimus 12
- F**
- factor II 15  
 factor IX 15  
 Factor IX Inhibitor 25  
 factor V 15  
 factor VII 15  
 factor VIII 15  
 Factor VIII 25, 62  
 factor VIII Inhibitor 62  
 factor X 15  
 factor XI 15  
 factor XII 15  
 factor XIII 15  
 Factor XIII (activity and antigen) 25  
 Faeces diagnostics 14, 64  
 faktor VIII Inhibitor 25  
 Faktor VIII Inhibitor 25  
 Faktor VII (R353Q) 51  
 FD 14  
 fees 5  
 Fees and invoice 5  
 ferritin 16, 17  
 fibrinogen 15  
 Fibrinolyse Parameter I 62  
 Fibrinolyse Parameter II 62  
 Fibrinolysis 25  
 flow cytometry 18  
 folic acid 17, 27  
 for IgE total 29  
 for specific IgE antibodies 29  
 Francisella tularensis 40  
 free b-hCG 23  
 free estriol 23  
 FSAP 51
- FSAP (Marburg-I) 51  
 FSH 17  
 full blood count 15  
 FV-Genotypisierung 50  
 FV H1299R 51  
 FV-H1299R 51  
 FV-Leiden 51  
 FV genotyping 50  
 FXII c46t 51  
 FXIII 51  
 FXIII V34L 51
- G**
- gas equilibrated solution 10  
 GBM 29  
 Genome evidence group 1 40, 46, 76  
 Genome evidence group 2 40, 46, 76  
 gentamycin 9  
 GH 14  
 GL 14  
 GLDH 19  
 glucose 11, 14, 15, 18, 19, 27, 36  
 Glucose 66  
 glucose measuring instrument 15  
 glycated hemoglobin 14  
 Glycated hemoglobin 64  
 GPIIIa 51  
 GR 15  
 Gram-staining 43, 74
- H**
- HA 9, 15  
 haptoglobin 17  
 HAVimm 32  
 HAVimm HAV Serology 70  
 HAV Serologie 32  
 HAV serology 32  
 HB 16  
 Hb A1c 14  
 HBe 33  
 HbO2 21  
 HBsAg 32, 33  
 HBV-DNA 46  
 HBVimm1 32  
 HBVimm1 Serology Minor 70  
 HBVimm2 32  
 HBVimm2 HBV Serology Major 70  
 HBV Serologie 32  
 HBV serology major 32  
 HBV serology minor 32  
 hCG 23, 26  
 HCVimm 33, 70  
 HCV-RNA 46  
 HCV Serologie 33  
 HCV serology 33  
 HDL 20  
 Helicobacter pylori 41  
 hematocrit 16  
 hematology 9, 15, 31  
 Hematology - Differential blood count 70  
 Hematology - Full blood count 66  
 HemoCue 15  
 hemoglobin 16, 19, 36  
 hemoglobin derivates 21  
 Hemoglobin derivates 66  
 Hemoglobin / haptoglobin complex (quantitative, qualitative) 14  
 Hemoglobin iFOBT assay (quantitative, qualitative) 14  
 hemoglobin (total) 21  
 Hepatitis E virus 43  
 Herpes viruses serology 33, 70  
 HerpVimm 33  
 HEVpcr 74  
 HEV PCR 43  
 HEV PCR Hepatitis E virus 74  
 HFE 51  
 HFE (H63D, C282Y, S65C) 51  
 hGH 17  
 HIT 25, 62  
 HIT - Immunological assays 25  
 HIV1-RNA 46

- HIVimm 33  
HIVimm HIV Serologie 70  
HIV Serologie 33  
HIV serologie 33  
HLA-B\*27 18, 51  
HLA B\*5701 51  
HM 16  
homocysteine 20  
Hormones 16, 17  
Hormones - Group 1 66  
Hormones - Group 2 66  
HP 17  
HPV 46  
HS 34  
HSV 33  
HSV1/2 46  
HTLV 34  
human epidermal growth factor receptor 2 26  
Human T-lymphotropic virus 34
- I**
- IA 34  
Identification of bacteria 41  
Identification of fungi 45, 74  
Identification of mycobacteria (Instand program 423) 47  
IG 17  
IgA 17, 18  
IgA-RF 22  
IgE 17, 29  
IgE-antibodies 29  
IgE total 29  
IGF-1 17  
IGFBP-3 17  
IgG 17, 18, 19  
IgG-RF 22  
IgM 17, 18  
IgM-RF 22  
IH 35  
IL-6 28  
IL6 (G174C) 51  
IL-6-POCT 28  
IL-8 28  
IL-10 28  
IL28B (C/T Polymorphismus) 51  
IM 35  
Immunology 30  
Immunohematology 35  
Immunohematology automated 70  
Immunohematology for automated systems 34  
immunohematology Major 35  
Immunohematology Major 70  
Immunohematology Minor 70  
immunophenotyping 18  
Immunophenotyping 66  
immunosuppressiva 12  
Immunosuppressives 64  
imprint 2  
indices 18  
Infl-RSV 43, 74  
Influenza and RSV antigen evidence 43  
Influenza A/B 46  
Information for application 5  
INR 15  
insulin 17  
Interleukin-1  $\beta$  28  
Interleukin-6 28  
Interleukin-8 28  
Interleukin-10 28  
internet 6  
Internet 62  
invoice 5  
iron 19, 24, 27  
IR-spectra 34  
IRT 20  
IS 18  
isoenzyme 19  
ITGA2 51  
ITGA2 Gplalla C807T 51
- K**
- K-EDTA 50  
Kell antigen 35  
ketone 19, 36  
KL 18  
K-Ras: Codon 12/13/61 51  
KRAS Codon 12/13/61 50  
KS 18  
KU 19, 36  
KUST 36
- L**
- L1007fins 51  
lactate 11, 18, 19, 27  
LBP 28  
LCT 51  
LCT c-13910t 51  
LDH 19, 27  
LDL 20  
lead 24  
Legionella pneumophila 40  
leucocyte count 16, 18  
leukocyte count 10, 28  
leukocytes 19, 36  
LH 17  
linezolid 9  
lipase 19, 27  
lipopolysaccharide-binding-protein 28  
lipoprotein(a) 20  
lipoproteins 20  
Lipoproteins 66  
Listeria monocytogenes 41  
lithium 9, 11, 19, 27  
LKM-1 29  
long-time evaluation 62  
Low-Molecular Weight heparin Monitoring 25  
Low-Molecular Weight heparin Monitoring (anti-Xa) 25  
Low-Molecular Weight Heparin Monitoring (anti-Xa) 62  
LP 20  
LSD 31  
Lupus Anticoagulant 25, 62  
lymphocyte count 18
- M**
- magnesium 11, 19, 27  
MaMuimm 36, 72  
MaMulmm 72  
MCH 16  
MCHC 16  
MCV 16  
mercury 24  
meropenem 9  
metHb 21  
methemoglobin (metHb) 21  
methotrexate 9  
methylphenidate 31  
MG1 51  
MG2 51  
microalbumin 19, 36  
Microscopy detection of acid-fast bacilli (Instand program 421) 47  
molecular biology 51  
Molecular diagnostic proof of Carbapenemases 44  
Molecular diagnostic proof of Van A / Van B 48  
Molecular genetics 51  
Molecular genetics group 1 76  
Molecular genetics group 2 76  
Morbilli and mumps serology 36, 72  
MRGNscre 44  
MRGN Screening 44, 74  
MRSA 40, 44  
MRSA Screening 44, 74  
MRSA Screening for cultural evidence and NAT-methods 44  
MRSAsre 44
- MTHFR (C677T, A1298C) 51  
multimers 25  
MultiVir NAT 76  
mumps IgG + IgM 36  
M. Wilson (ATP7B-C3207A) 51  
methadon/metab. 31  
method of identification 50  
methodological survey 50  
multimers 62  
Mycoplasma pneumoniae 40  
MykCult 44, 74  
MykIdent 45, 74  
myoglobine 11
- N**
- NBS 20  
Neisseria gonorrhoeae 41  
neonatal bilirubin 11  
Neonatal bilirubin 64  
neonatology 11  
Newborn screening 20  
nickel 24  
nitrite 19, 36  
NK-cells 18  
NOD2 51  
NOD2 (R702W, G908R) 51  
NoroPCR 45  
Norovirus PCR 45, 74  
NRAS Q61 (rs121913254, rs11554290, rs121913295) 50  
NSE 26  
NT-proBNP 11, 12
- O**
- OB 36  
OH 21  
oligoclonal bands 36  
Oligoclonal bands in CSF 72  
Onconeural ab 29  
online data entry 6  
online ordering 6  
online users 6  
opiates/opioide 31  
order surveys 5  
OS 21  
osmolality 19  
osmolatity 19  
osteocalcin 21  
oxalate 19  
oxyhemoglobin (HbO<sub>2</sub>) 21
- P**
- p24 34  
PAI-1 25, 62  
PAI-I 4g5g 51  
PAI-I 4G5G 51  
pancreatic amylase 19, 27  
PAP 20, 26  
PAPP-A 23  
Pappenheim 31  
paracetamol 27  
ParasitB 45, 74  
Parasites in blood 45, 74  
Parasites in stool 46, 74  
ParasitS 46, 74  
parathyroid hormone 17  
Parvovirus B19 Serologie 37  
Parvovirus B19 Serology 72  
pCO<sub>2</sub> 11  
PCT 28  
PCT-POCT 28  
pH 11, 19, 36  
PH 21  
pharmaceutical drugs 38  
phencyclidine 31  
phenobarbital 9  
phenytoin 9  
phosphorus 27  
phosphorus, inorganic 19  
photometer control 21  
Photometer control 66

- piperacillin 9  
 Plasminogen 25, 62  
 platelet count 16  
 pO<sub>2</sub> 11  
 POCT 14  
 POCT/dry chem. 66  
 PolyVir1 46, 76  
 PolyVir2 46, 76  
 potassium 11, 19, 27  
 prealbumin 17  
 pregabalin 31  
 pregnancy 36  
 pregnancy diagnostic 23  
 Pregnancy diagnostic 68  
 primidone 9  
 Proficiency panel to detect bacteria in platelet concentrates 41  
 progesterone 16  
 prolactin 17  
 prostate 19  
 protein 19, 36  
 Protein C 25  
 Protein C Pathway Test 25  
 protein S activity 25  
 protein S antigen 25  
 protein, total 19, 27  
 Protein C 62  
 protein S activity 62  
 protein S antigen 62  
 Prothrombin 51  
 prothrombin time 15  
 PSA 26  
 PSA free 26  
 pvB19imm 37  
 pvB19imm Parvovirus B19 Serology 72  
 pyridoxal-5-phosphate 27
- Q**
- QBC systems 16  
 QuaDeGa 49  
 quotients 18
- R**
- ratio 260/280 50  
 RE 22  
 red cells 28  
 Reference laboratories 53  
 Reflotron 27  
 Registration 7  
 renin 17  
 renin-activity 17  
 resistance 41  
 resistance testing 40  
 reticulocyte count 22  
 Reticulocytes 66  
 retikulocytes 22  
 retinol 27  
 RF 22  
 RfB office 53  
 rhesus-factor 35  
 rhesus-system 35  
 rhesus-system (rhesus-formula) 35  
 rheumatoid factors 22  
 Rheumatoid factors 68  
 RoetLimm 37  
 RSV 46
- S**
- S-100 26  
 SA 23  
 salicylic acid 27  
 Saliva diagnostic 24, 68  
 Salmonella enterica 41  
 SARS-CoV-2 30  
 SCC 26  
 scientific advisors 53  
 Scientific advisors 53  
 screening 20  
 SD 23  
 selenium 24  
 serum proteins 17  
 Serum proteins 66  
 Set 6: Molecular drug susceptibility (Instand program 426). 47  
 SHBG 17  
 siIL-2R 28  
 sirolimus 12  
 SMA 29  
 sodium 11, 19, 27  
 sol. transferrin receptor 17  
 soluble IL-2 receptor 28  
 SP 24, 37  
 specific gravity 19, 36  
 specific IgE antibodies 29  
 SQ 52  
 statistics 6  
 steroid hormones 17  
 subscription 5  
 subscription fee 25  
 survey directors 53  
 Survey directors 53  
 SV 24  
 SW 24  
 Sweat analysis 24, 68  
 SX 37  
 Systematic toxicologic analysis 37, 72
- T**
- T3, free 16  
 T3, total 16  
 T4, free 16  
 T4, total 16  
 tacrolimus 12  
 TBG 16  
 T-cells 18  
 testosterone 16  
 test strip and pregnancy test, qualitative 36  
 test strips 11  
 TG Ab 23  
 TH 25  
 T-helper cells 18  
 theophylline 9  
 therapeutic drug monitoring 9  
 Therapeutic drug monitoring 64  
 Thrombin Generation Test 25, 62  
 thrombin time 15  
 Thrombophilia module 25  
 Thrombophilia module I 25, 62  
 Thrombophilia module II 25, 62  
 Thrombophilia screening 25, 68  
 thyroglobulin 26  
 thyroid antibodies 23  
 Thyroid antibodies 68  
 thyroid peroxidase 23  
 thyrotropin-receptor 23  
 TM 26  
 TMX 26  
 TNF alpha (238, 308) 51  
 TNF $\alpha$  28  
 tobramycin 9  
 tocopherol 27  
 topics 2  
 total protein 18  
 toxic agents 38  
 toxicologic analyses 38  
 Toxicologic analyses 72  
 ToxoGen 47, 76  
 ToxoGimm 38  
 Toxoplasma gondii genom 76  
 Toxoplasma Gondii Genom 47  
 t-PA 25, 62  
 TPA 26  
 TPMT 51  
 TPMT, 51  
 TPO Ab 23  
 TPS 26  
 TR 27  
 TR Ab 23  
 trace elements 24  
 Trace elements in urine 68  
 transferrin 17  
 TrepPimm 38  
 triglycerides 19, 20, 27  
 TSH 16, 20  
 TSH-R Ab 23  
 T-suppressor cells 18  
 Thrombophilia screening 61  
 TubDiag 47, 76  
 Tuberculosis diagnostic 47  
 tumor markers 26  
 Tumor markers 68  
 Tumor markers group 1 26, 68  
 Tumor markers group 2 26, 68  
 tumor necrosis factor-alpha 28  
 TX 38
- U**
- UGT1a1 51  
 UGT1A1 (\*28) 51  
 Unfractionated heparin Monitoring 62  
 Unfractionated Heparin Monitoring 25  
 Unfractionated Heparin Monitoring (anti-Xa) 25, 62  
 urea 11, 19, 27  
 uric acid 19, 27  
 urinary calculus 34  
 Urinary calculus 70  
 urine 19, 24, 36, 37  
 Urine sediment 72  
 urobilinogen 19, 36  
 US 39
- V**
- valproic acid 9  
 vancomycin 9  
 VariAimm 39  
 VariAimm various analytes 72  
 Various immunological analytes 39  
 VDR 51  
 VDR (BsmI/ApaI, TaqI) 51  
 visual microscopy 22  
 vitamin A 27  
 vitamin B6 27  
 vitamin B12 17, 27  
 vitamin D 27  
 vitamin E 27  
 Vitamins 27  
 Vitamins and analgesics 68  
 Vitros 27  
 VKORC1 51  
 VKORC1 (G-1639A/C1173T) 51  
 Von Willebrand Factor 62  
 Von Willebrand Factor module 25  
 Von Willebrand Factor module (antigen, activity, collagen binding, multimers, Factor VIII) 25  
 VREscre 48  
 VREscreening 76  
 VRE Screening 48  
 VT 27, 39  
 VZV 33, 46
- W**
- watery coloured solutions 21  
 web-based assessment 39  
 website 6  
 wet chemistry 18  
 white cells 28
- Y**
- yearly order 5  
 youdenplots 6
- Z**
- zinc 24  
 ZL 28, 39  
 ZY 28  
 ZZ 39





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**Thrombophilia screening 2021  
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 55.

.....  
Date Signature

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

## Application form for Thrombophilia screening 2021

participant no

new client

We cannot accept cancellations during the annual programme.

### Annual subscription fee

1	<input type="checkbox"/> result submission via Internet / report internet	125,00 €
2	<input type="checkbox"/> result submission via Internet / report internet + post	250,00 €
<b>Analytes four times yearly: TH1/21, TH2/21, TH3/21, TH4/21</b>		
1	<input type="checkbox"/> 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)	365,00 €
2	<input type="checkbox"/> Thrombophilia module II (APC resistance)	147,50 €
3	<input type="checkbox"/> Lupus Anticoagulant / Antiphospholipide Antibodies	172,50 €
4	<input type="checkbox"/> Von Willebrand Factor Module (antigen, activity, collagen binding, multimers, Factor VIII)	275,00 €
5	<input type="checkbox"/> ADAMTS-13 - I (activity and antigen)	192,50 €
6	<input type="checkbox"/> Factor XIII (activity and antigen)	137,50 €
7	<input type="checkbox"/> Fibrinolysis parameters I (Plasminogen, Antiplasmin)	133,50 €
8	<input type="checkbox"/> Fibrinolysis parameters II (t-PA, PAI-1)	133,50 €
9	<input type="checkbox"/> Unfractionated Heparin Monitoring (anti-Xa)	120,50 €
A	<input type="checkbox"/> Low-Molecular Weight Heparin Monitoring (anti-Xa)	120,50 €
<b>Analytes two times yearly:</b>		
B	<input type="checkbox"/> Factor VIII Inhibitor (TH2/21 + TH4/21)	180,00 €
C	<input type="checkbox"/> Thrombin Generation Test (TH2/21 + TH4/21)	143,50 €
D	<input type="checkbox"/> ADAMTS-13 - II (antibodies) (TH2/21 + TH4/21)	125,00 €
E	<input type="checkbox"/> Factor IX Inhibitor (TH1/21 + TH3/21)	180,00 €
<b>Analytes one time yearly:</b>		
F	<input type="checkbox"/> HIT - I Immunological assays (TH3/21)	105,00 €





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**Application form 1**

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: \_\_\_\_\_

Telephone: \_\_\_\_\_ Telefax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

VAT no.: \_\_\_\_\_

**Your comment**

\_\_\_\_\_  
\_\_\_\_\_

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see [www.rfb.bio/agb](http://www.rfb.bio/agb)).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

# Application form 1

participant no

new client

Quantitative determinations		
Automatic differential count <span style="float: right;">p. 9</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AD1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
AD2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
AD3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
AD4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Therapeutic drug monitoring <span style="float: right;">p. 9</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AK1	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	
AK2	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	
AK3	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	
AK4	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	
Ammonia <span style="float: right;">p. 10</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AM1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
AM2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
AM3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
AM4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Body fluid <span style="float: right;">p. 10</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BF1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BF2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BF3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BF4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Blood gas <span style="float: right;">p. 10</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BG1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BG2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BG3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BG4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Neonatal bilirubin <span style="float: right;">p. 11</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BI1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BI2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BI3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
BI4	<input type="checkbox"/>	<input type="checkbox"/> additional samples

Cardiac markers <span style="float: right;">p. 11</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CM1	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
CM2	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
CM3	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
CM4	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
Cardiac markers in whole blood <span style="float: right;">p. 12</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CMX1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
CMX2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
CMX3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
CMX4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Immunosuppressives <span style="float: right;">p. 12</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CS1	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
CS2	set 1 <input type="checkbox"/>	<input type="checkbox"/> additional sets
	set 2 <input type="checkbox"/>	
D-Dimer <span style="float: right;">p. 12</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
DD1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DD2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DD3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DD4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
CD Transferrin <span style="float: right;">p. 13</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
DT1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DT2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Ethylglucuronide <span style="float: right;">p. 13</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
EG1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
EG2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Ethanol <span style="float: right;">p. 13</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ET1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ET2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ET3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ET4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Faeces diagnostics <span style="float: right;">p. 14</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
FD1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
FD2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Glycated hemoglobin <span style="float: right;">p. 14</span>		
	subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GH1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GH2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GH3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GH4	<input type="checkbox"/>	<input type="checkbox"/> additional samples



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**Application form 2**

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: .....

Telephone: ..... Telefax: .....

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VAT no.: .....

**Your comment**

.....  
.....

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see www.rfb.bio/agb).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

## Application form 2

<b>Glucose („wet“, „POCT/dry chem.“)</b>		p. 14
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
GL1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GL2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GL3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GL4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Coagulation</b>		p. 15
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
GR1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GR2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GR3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
GR4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Hematology - Full blood count</b>		p. 15
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HA1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HA2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HA3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HA4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Hemablobin and Hematocrit</b>		p. 16
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HB1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HB2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HB3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HB4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Hormones - Group 1</b>		p. 16
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HM1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HM2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HM3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HM4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Hormones - Group 2</b>		p. 17
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
HP1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HP2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HP3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HP4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Serum proteins</b>		p. 17
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IG1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IG2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IG3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IG4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Immunophenotyping</b>		p. 18
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
IS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
IS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Clinical chemical analytes in CSF</b>		p. 18
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KL1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KL2	<input type="checkbox"/>	<input type="checkbox"/> additional samples

participant no

new client

KL3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KL4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Clinical chemical analytes in serum</b>		p. 18
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS5	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS6	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS7	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KS8	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Clinical chemical analytes in urine</b>		p. 19
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KU1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KU2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KU3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
KU4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Lipoproteins</b>		p. 20
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
LP1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
LP2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
LP3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
LP4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Newborn Screening</b>		p. 20
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
NBS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
NBS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
NBS3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
NBS4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Hemoglobin derivates</b>		p. 21
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
OH1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OH2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OH3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OH4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Bone metabolism</b>		p. 21
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
OS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
OS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Photometer control</b>		p. 21
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
PH1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
PH2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Reticulocytes</b>		p. 22
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
RE1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
RE2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
RE3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
RE4	<input type="checkbox"/>	<input type="checkbox"/> additional samples



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**Application form 3**

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: \_\_\_\_\_

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\_\_\_\_\_  
\_\_\_\_\_

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Post code / City: \_\_\_\_\_

Telephone: \_\_\_\_\_ Telefax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

VAT no.: \_\_\_\_\_

**Your comment**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see [www.rfb.bio/agb](http://www.rfb.bio/agb)).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

### Application form 3

<b>Rheumatoid factors</b>				p. 22
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>	
RF1	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
RF2	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
RF3	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
RF4	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
<b>Thyroid antibodies</b>				p. 23
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>	
SA1		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
SA2		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
<b>Pregnancy diagnostic</b>				p. 23
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>	
SD1	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
SD2	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
SD3	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
SD4	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets	
<b>Trace elements in urine</b>				p. 24
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>	
SP1		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
SP2		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
<b>Saliva diagnostic</b>				p. 24
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>	
SV1		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
SV2		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
<b>Sweat analysis</b>				p. 24
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>	
SW1		<input type="checkbox"/>	<input type="checkbox"/> additional samples	
SW2		<input type="checkbox"/>	<input type="checkbox"/> additional samples	

participant no

new client

<b>Thrombophilia screening</b>			p. 25
			extra order on page 61
<b>Tumor markers group 1</b>			p. 26
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
TM1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Tumor markers group 2</b>			p. 26
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
TMX1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TMX2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TMX3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TMX4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Clinical chemical analytes in serum „dry chemistry“</b>			p. 27
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
TR1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Vitamins and analgesics</b>			p. 27
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
VT1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
VT2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Cell count in CSF</b>			p. 28
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ZL1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZL2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
<b>Cytokines</b>			p. 28
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ZY1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY4		<input type="checkbox"/>	<input type="checkbox"/> additional samples



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E-mail: info@spmd-rfb.de

**Application form 4**

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:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_ **Telefax:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

**VAT no.:** \_\_\_\_\_

**Your comment**

\_\_\_\_\_  
\_\_\_\_\_

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see [www.rfb.bio/agb](http://www.rfb.bio/agb)).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

# Application form 4

participant no

new client

<b>Qualitative determinations</b>			
<b>Antinuclear antibodies</b>		p. 29	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
AI1	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets
AI2	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets
<b>Allergology</b>		p. 29	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
AL1	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL2	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL3	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL4	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> additional sets
<b>Anti-Borrelia burgdorferi</b>		p. 30	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BorrBimm 1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BorrBimm 2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
<b>CMVimm CMV Serology</b>		p. 30	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
CMVimm 1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
CMVimm 2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
<b>SARS-CoV-2 Immunology</b>		p. 30	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
CoVimm 1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
CoVimm 2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
<b>Hematology - Differential blood count</b>		p. 31	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
DF1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DF2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DF3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DF4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
<b>Drug screening in urine</b>		p. 31	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
DS1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DS2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DS3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DS4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
<b>EBVimm Epstein-Barr-Virus serology</b>		p. 31	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
EBVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
EBVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
<b>HAVimm HAV Serology</b>		p. 32	
		subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HAVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HAVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets

<b>HBVimm1 Serology Minor</b>				p. 32	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HBVimm1 1	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
HBVimm1 2	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
<b>HBVimm2 HBV Serology Major</b>				p. 32	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HBVimm2 1	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
HBVimm2 2	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
<b>HCVimm HCV Serology</b>				p. 33	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HCVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
HCVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
<b>HerpVimm Herpes viruses serology</b>				p. 33	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HerpVimm1	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	additional sets	
HerpVimm2	set 1 set 2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	additional sets	
<b>HIVimm HIV Serology</b>				p. 33	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HIVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
HIVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
<b>Urinary calculus</b>				p. 34	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HS1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
HS2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
<b>HTLVimm HumanT-lymphotropic virus</b>				p. 34	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HTLVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
HTLVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/>	additional sets	
<b>Immunoematology automated</b>				p. 34	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
IA1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IA2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IA3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IA4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
<b>Immunoematology Major</b>				p. 35	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
IH1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IH2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IH3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IH4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
<b>Immunoematology Minor</b>				p. 35	
				subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
IM1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IM2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IM3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		
IM4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples		





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### Application form 5

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: \_\_\_\_\_

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Contact person: \_\_\_\_\_

#### Invoice address if different from delivery address

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Street: \_\_\_\_\_

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Telephone: \_\_\_\_\_ Telefax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

VAT no.: \_\_\_\_\_

#### Your comment

\_\_\_\_\_

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see [www.rfb.bio/agb](http://www.rfb.bio/agb)).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

## Application form 5

<b>Clin. chem. analytes in urine, qualitative</b>		p. 36
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
KUST1	<input type="checkbox"/> <input type="checkbox"/> additional samples	
KUST2	<input type="checkbox"/> <input type="checkbox"/> additional samples	
KUST3	<input type="checkbox"/> <input type="checkbox"/> additional samples	
KUST4	<input type="checkbox"/> <input type="checkbox"/> additional samples	
<b>MaMulmm Morbilli and mumps serology</b>		p. 36
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
MaMulmm1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/> <input type="checkbox"/> additional sets	
MaMulmm2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/> <input type="checkbox"/> additional sets	
<b>Oligoclonal bands in CSF</b>		p. 36
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
OB1	<input type="checkbox"/> <input type="checkbox"/> additional samples	
OB2	<input type="checkbox"/> <input type="checkbox"/> additional samples	
<b>pvB19imm Parvovirus B19 Serology</b>		p. 37
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
pvB19imm 1	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
pvB19imm 2	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
<b>Anti-Rubella-Virus</b>		p. 37
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
RoetLimm 1	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
RoetLimm 2	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
<b>Systematic toxicologic analysis</b>		p. 37
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SX1	<input type="checkbox"/> <input type="checkbox"/> additional samples	
SX2	<input type="checkbox"/> <input type="checkbox"/> additional samples	
<b>Anti-Toxoplasma gondii</b>		p. 38
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ToxoGimm 1	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
ToxoGimm 2	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
<b>Anti-Treponema pallidum</b>		p. 38
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TrepPimm 1	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
TrepPimm 2	1 set <input type="checkbox"/> <input type="checkbox"/> additional sets	
<b>Toxicologic analyses</b>		p. 38
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TX1	<input type="checkbox"/> <input type="checkbox"/> additional samples	
TX2	<input type="checkbox"/> <input type="checkbox"/> additional samples	
<b>Urine sediment</b>		p. 39
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
US1	<input type="checkbox"/>	
US2	<input type="checkbox"/>	

participant no

new client

### VariAimm various immunological analytes

p. 39

subscription  yearly order

VariAimm 1

set 1   
set 2   
set 3   
set 4   
set 5   
set 6

Please place here   
the additional order of your set collection

VariAimm 2

set 1   
set 2   
set 3   
set 4   
set 5   
set 6

Please place here   
the additional order of your set collection

### Cerebrospinal fluid cytology

p. 39

subscription  yearly order

ZZ1   
ZZ2



Reference Institute for Bioanalytics  
Office  
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53175 Bonn  
GERMANY

**Office**  
Telephone +49 228 926895-0  
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Internet: www.rfb.bio  
E-mail: info@spmd-rfb.de

**Application form 6**

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:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_ **Telefax:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

**VAT no.:** \_\_\_\_\_

**Your comment**

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see www.rfb.bio/agb).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

## Application form 6

<b>Direct detection of pathogens</b>	
<b>Bakteriology Major</b> p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BA1	<input type="checkbox"/>
BA2	<input type="checkbox"/>
<b>BakNAT1 - Genome evidence</b> p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT1 1	analyte 1 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 6 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 7 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 8 <input type="checkbox"/>
<b>BakNAT1 - Genome evidence</b> p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT1 2	analyte 1 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 6 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 7 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 8 <input type="checkbox"/>
<b>BakNAT2 - Genome evidence</b> p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT2 1	analyte 1 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 6 <input type="checkbox"/>
<b>BakNAT2 - Genome evidence</b> p. 40	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BakNAT2 2	analyte 1 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 6 <input type="checkbox"/>
<b>BAK-TK</b> p. 41	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BAK-TK 1	<input type="checkbox"/> Set 1 <input type="checkbox"/> Set 2 <input type="checkbox"/> Set 3 <input type="checkbox"/>
BAK-TK 2	<input type="checkbox"/> Set 1 <input type="checkbox"/> Set 2 <input type="checkbox"/> Set 3 <input type="checkbox"/>
<b>Bakteriology Minor</b> p. 41	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
BM 1	<input type="checkbox"/>
BM 2	<input type="checkbox"/>
<b>B-Stscre B-Streptococci screening</b> p. 41	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
B-Stscre 1	<input type="checkbox"/> additional samples
B-Stscre 2	<input type="checkbox"/> additional samples
<b>ChlamTra</b> Chlamydia trachomatis AG p. 42	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
ChlamTra 1	<input type="checkbox"/> additional samples
ChlamTra 2	<input type="checkbox"/> additional samples
<b>CrypCand</b> Cryptococcus neoformans and Candida albicans antigen p. 42	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
CrypCand 1	<input type="checkbox"/> additional samples
CrypCand 2	<input type="checkbox"/> additional samples

participant no

new client

<b>Gram-staining</b> p. 43	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
GP1	<input type="checkbox"/> additional samples
GP2	<input type="checkbox"/> additional samples
<b>HEVpcr Hepatitis E virus</b> p. 43	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
HEV 1	1 set <input type="checkbox"/> additional sets
HEV 2	1 set <input type="checkbox"/> additional sets
<b>Infl-RSV - antigen evidence</b> p.43	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
Infl-RSV 1	analyte 1 <input type="checkbox"/> analyte 2 <input type="checkbox"/>
<b>Infl-RSV - antigen evidence</b> p. 43	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
Infl-RSV 2	analyte 1 <input type="checkbox"/> analyte 2 <input type="checkbox"/>
<b>MRGN Screening</b> p. 44	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MRGNscre 1	<input type="checkbox"/> additional samples
MRGNscre 2	<input type="checkbox"/> additional samples
<b>MRSA Screening</b> p. 44	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MRSAscre 1	<input type="checkbox"/> additional samples
MRSAscre 2	<input type="checkbox"/> additional samples
<b>MykCult - Cultivation and identification of fungi</b> p. 44	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MykCult 1	<input type="checkbox"/> additional samples
MykCult 2	<input type="checkbox"/> additional samples
<b>MykIdent</b> Identification of fungi p. 45	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
MykIdent 1	<input type="checkbox"/>
MykIdent 2	<input type="checkbox"/>
<b>Norovirus PCR</b> p. 45	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
Noro PCR 1	<input type="checkbox"/> additional samples
Noro PCR 2	<input type="checkbox"/> additional samples
<b>ParasitB Parasites in blood</b> p. 45	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
ParasitB 1	<input type="checkbox"/> additional samples
ParasitB 2	<input type="checkbox"/> additional samples
<b>ParasitS Parasites in stool</b> p. 46	
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>	
ParasitS 1	<input type="checkbox"/> additional samples
ParasitS 2	<input type="checkbox"/> additional samples



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**Application form 7**

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: \_\_\_\_\_

Telephone: \_\_\_\_\_ Telefax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

VAT no.: \_\_\_\_\_

**Your comment**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

In accordance with the participation conditions I hereby declare my participation in the ordered surveys (Participation conditions see [www.rfb.bio/agb](http://www.rfb.bio/agb)).  
For information about our data policy please refer to our data protection declaration on page 55.

.....  
Date Signature

## Application form 7

### PolyVir1

Genome evidence group 1

p. 46

subscription  yearly order

PolyVir1 1

set 1

set 2  Please place

set 3  here

set 4  the additional order

set 5  of your set collection

set 6

set 7

set 8

PolyVir1 2

set 1

set 2  Please place

set 3  here

set 4  the additional order

set 5  of your set collection

set 6

set 7

set 8

### PolyVir2

Genome evidence group 2

p. 46

subscription  yearly order

PolyVir2 1

set 1  set 5

set 2  set 6

set 3  set 7

set 4  set 8

PolyVir2 2

set 1  set 5

set 2  set 6

set 3  set 7

set 4  set 8

### ToxoGen

Toxoplasma gondii genom

p. 47

subscription  yearly order

ToxoGen 1   additional samples

ToxoGen 2   additional samples

### TubDiag Tuberculosis diagnostic

p. 47

subscription  yearly order

TubDiag1

set 1

set 2

set 3

set 4

set 5

TubDiag2

set 1

set 2

set 3

set 4

set 5

### VREscre VRE Screening

p. 48

subscription  yearly order

VREscre 1   additional samples

VREscre 2   additional samples

participant no

new client

### Ejakulate investigation

#### EJ Semen

p. 49

subscription  yearly order

EJ1   additional samples

EJ2   additional samples

### Molecular- and cytogenetic investigation

#### ctDNA circulating DNA

p. 50

subscription  yearly order

ctDNA1

set A  Please place

set B  here

set C  the additional order

of your set collection

ctDNA2

set A  Please place

set B  here

set C  the additional order

of your set collection

#### DNA isolation

p. 50

subscription  yearly order

DI1   additional samples

DI2   additional samples

#### Molecular genetics group 1

p.51

subscription  yearly order

MG1 1

set A

set B  Please place

set C  here

set D  the additional order

set E  of your set collection

set F

MG1 2

set A

set B  Please place

set C  here

set D  the additional order

set E  of your set collection

set F

#### Molecular genetics group 2

p. 51

subscription  yearly order

MG2 1

set A

set B  Please place

set C  here

set D  the additional order

set E  of your set collection

set F

MG2 2

set A

set B  Please place

set C  here

set D  the additional order

set E  of your set collection

set F

#### DNA sequencing

p. 52

subscription  yearly order

SQ1   additional samples

SQ2   additional samples



## Reference Institute for Bioanalytics

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