External Quality Assessment

Product Catalogue 2027

LABQUALITY

Service information

Labquality EQAS

Labquality EQAS is provided by an independent Finnish external quality assessment provider with over 50 years of experience in helping clinical laboratories and POCT sites develop and maintain their performance. Labquality EQAS schemes are internationally recognised high-quality programs. The EQA programs have a clinical scope with an educational touch. Part of the EQA production is outsourced to expert laboratories and national partners.

Integrated EQA service (EQA3)

We are the first EQA provider to integrate pre-analytical, analytical, and post-analytical phases into its EQA programs. Advanced and traditional EQA schemes have been designed to fully support the total quality management system of the participating laboratories and fulfil ISO 15189 requirements concerning the extra-analytical phases. In addition to the samples, the integrated schemes include pre- and/or post-analytical questionnaires concerning the scope of the scheme.

Quality management

Our management system is certified according to ISO 9001 (sbcert), and the main EQA schemes are accredited according to ISO 17043 (FINAS, PT02, SFS-EN ISO/IEC 17043:2023). The scope of accreditation is available on the FINAS website and the accreditation status of the EQA schemes is available on our website in the product search. The list of accredited schemes will be provided upon request.

EQA service availability

We have customers in over 60 countries in Europe, Asia, America and North Africa. The service is localised by 40 national partners. All digital schemes, including pre-analytical and diagnostic schemes for anatomic pathology, are available globally. With only a few exceptions, all schemes are globally available through national partners. For direct customers, the program selection is limited to the schemes with stable and non-hazardous sample materials.

Enrolment and prices

We offer annual programmes and pricing. Participants shall place their orders for the following year before the end of November to ensure participation in all needed EQA rounds. Enrolment is possible during the calendar year, but only part of the EQA rounds may be available. To place an order, please contact our national partner in your country or our customer service at **info@labquality.com**.

Distributions

Our specimen logistics system is accepted and continuously audited as part of accreditation according to the ISO 17043 (FINAS, PT02, SFS-EN ISO/IEC 17043:2023) standard. Specimens are shipped according to the annual schedule. We retain the right to make changes to the schedule.

LabScala EQA portal

Partners and participants can handle the whole EQA process, from orders to reports, through a modern web-based software, LabScala. The EQA process is designed to complement the laboratory process, from pre-analytics to post-analytics. Easy availability and a user-friendly interface guarantee an advanced experience.

Certificate

A certificate of participation will be provided upon request at the end of the calendar year. The certificate refers to EQA reports to evaluate the performance of the participant.

Customer service

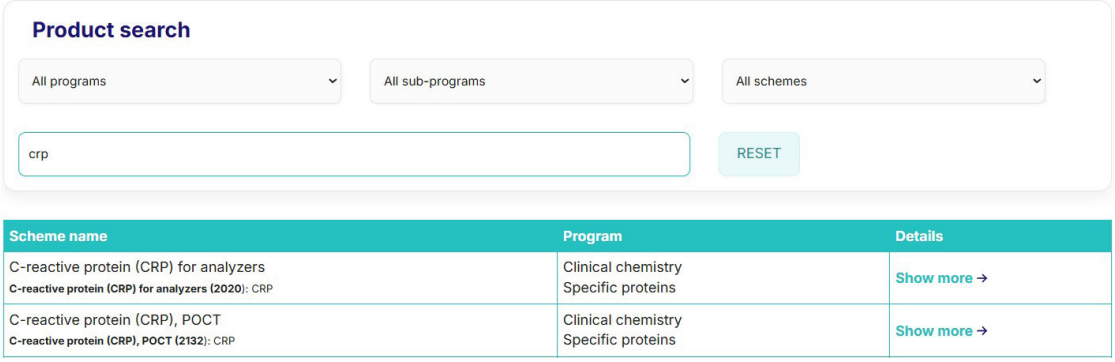
Please contact our international partners (listed on our website: www.labquality.com) or customer service: **info@labquality.com**.

How to use the catalogue and web search

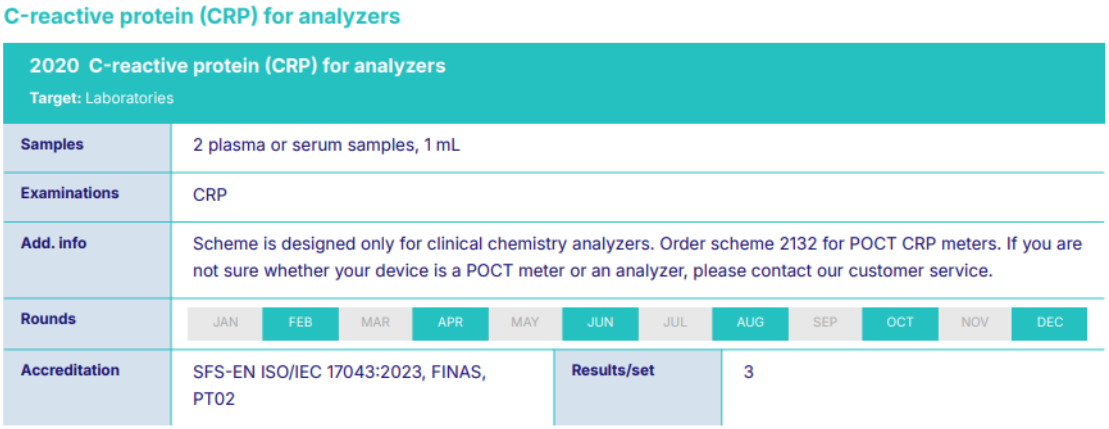
The 2027 product catalogue has been harmonized with the product search on our website. Finding EQA services is now easier than before. You can use the product catalogue to browse services, but the product search is clearly faster for finding EQA products.

The product search can be found at: https://www.labquality.com/eqas/product-search

In the product search, you can filter EQA services by group, subgroup or scheme to narrow down the services. Alternatively, you can do a free search by word or Labquality product number.



You can download a PDF version of the product catalogue from the product search. The product catalogue lists basic information about all available EQA products: product number and name, sample description, list of examinations, rounds and planned shipping months, accreditation status and number of accepted results (instruments) from one sample set.



C-reactive protein (CRP) for analyzers

2020 C-reactive protein (CRP) for analyzers
Target: Laboratories

Samples	2 plasma or serum samples, 1 mL		
Examinations	CRP		
Add. info	Scheme is designed only for clinical chemistry analyzers. Order scheme 2132 for POCT CRP meters. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Updates for 2027

New schemes and products

2744 Faecal occult blood, quantitative, extra set of samples
3171 Body cavity fluids, identification of cells
4425 Extended phenotyping, blood group antigens
5262 *Candidozyma auris* (ex *Candida auris*), nucleid acid detection
5476 *Cryptosporidium/Giardia/Entamoeba*, antigen detection
5477 Macroscopic findings in parasitology
5557 Tropical fever multiplex, nucleic acid detection
5558 Joint infection multiplex, nucleic acid detection
5559 Multiple respiratory virus, antigen detection
5592 Streptococcus pyogenes (Group A), detection in pharyngeal sample, extra set of samples
6810 NGS in clinical oncology, Pan cancer
6811 NGS in clinical oncology, Breast cancer
6812 NGS in clinical oncology, Colonrectal cancer
6813 NGS in clinical oncology, Lung cancer
7808 Preanalytics, extended specimen collection
8818 HIL-index (DEKS)

Changes in distribution schedule

2526 Ketones (beta-hydroxybutyrate)
2755 B12-vitamiinin puutoksen biokemialliset indikaattori
2756 Immunosuppressants
5071 Surveillance for multidrug resistant bacteria, MRSA
5072 Surveillance for multidrug resistant bacteria, VRE
5073 Surveillance for multidrug resistant bacteria, gramnegative rods
5251 Interferon Gamma Release Assay (IGRA) for *Mycobacterium tuberculosis* - whole blood
5670 Influenza virus A+B and RS virus, nucleic acid detection
5688 West Nile virus, antibodies
5900 Antinuclear antibodies

Discontinued schemes and products

4300 Prothrombin time
4337 INR, EuroLyzer, POCT
4340 INR, LabPad, POCT
4154 Reticulocte count, automated: ABX Pentra
2691 Natriuretic peptides 2, B-type, BNP

Changes in scope, specimens or parameters

2281 Interleukins. New analytes: IL-2, IL-4, IL-8, IL-10.
2300-2300S Hormones A: Basic analytes of hormone and immunochemistry. Discontinued analyte: Active vitamin B-12 (see 2755).
2755 Biochemical indicators of vitamin B12 deficiency. New analyte: Vitamin B12, in addition to analytes: Active vitamin B12 (HoloTC), MMA, Homocystein
4180 Leucocyte differential count and evaluation of blood cell morphology, virtual microscopy and video summary. Change in reporting.
5472 Faecal parasites multiplex, nucleic acid detection. New analyte: Cyclospora cayetanensis.

Planned pilot studies

Pilot studies are EQA schemes under development. Information about pilot studies and schedules are updated on our website: **www.labquality.com/eqas/new-schemes/**

New EQA concepts

Genomics & Molecular Pathology EQA

Four new Genomics & Molecular Pathology EQA schemes are available for laboratories performing molecular oncology testing and cancer panel analysis. The schemes include clinically relevant sample materials designed for the detection and interpretation of somatic variants in cancer samples. The portfolio includes FFPE-based schemes and will be expanded to cover also cfDNA-based analysis. Further information on new EQA schemes and pilot rounds will be available on our website.

Products in the catalogue:

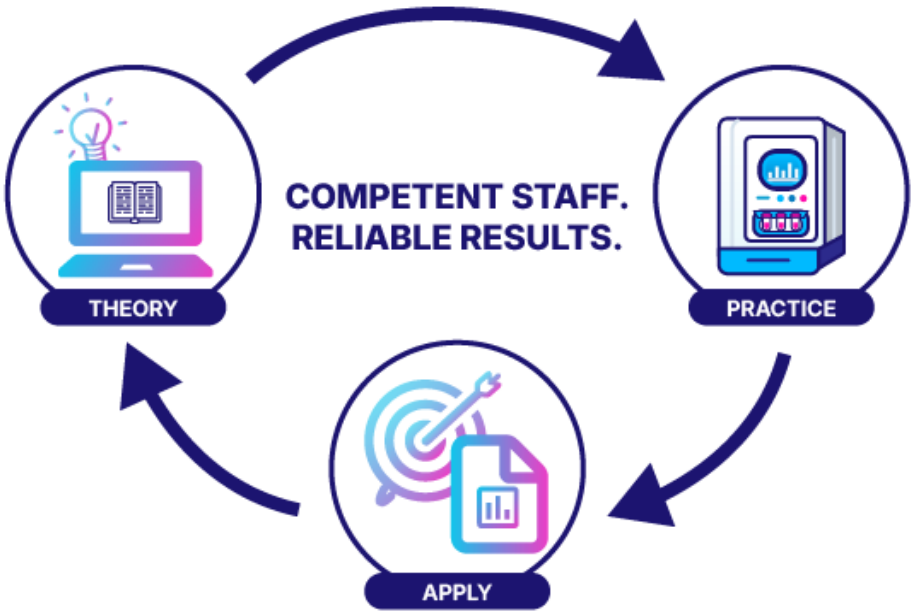
6810	NGS in Clinical Oncology - Pan Cancer (FFPE-based panels)
6811	NGS in Clinical Oncology - Breast Cancer (FFPE-based panels)
6812	NGS in Clinical Oncology - Colon Cancer (FFPE-based panels)
6813	NGS in Clinical Oncology - Lung Cancer (FFPE-based panels)

Educational EQA schemes (EQA4)

The EQA4 service is an advanced EQA solution that integrates learning and competence development directly into the external quality assessment process. Building on the integrated EQA approach, the service combines theoretical training, practical performance, and post-analytical learning into a continuous workflow, transforming each EQA round into a structured learning experience. In addition to samples and performance reports, the service includes targeted educational content enabling participants to understand not only the correctness of their results but also the underlying reasoning and areas for improvement. This approach supports continuous professional development, strengthens individual competence, and enhances the overall quality and consistency of diagnostic work. In addition, several regional pilots will be implemented during 2027, which will be announced separately for each country.

Products in the catalogue:

4180	Leucocyte differential count and evaluation of blood cell morphology, virtual microscopy and video summary



Integrated EQA service

Integrated EQA is a unique service for laboratories and point-of-care sites. Integrated EQA combines the evaluation of analytical and extra-analytical phases of the laboratory investigation process.

An integrated EQA scheme may include:

- Pre-analytical cases (written cases, images, videos) related to the scope of the scheme to be evaluated
- Specimens, including disturbing agents (haemolysis, lipemia, drugs), to be analysed
- Traditional specimens to be analysed
- Post-analytical cases related to the scope of the scheme to be evaluated

The selection of cases and samples varies from round to round. Some rounds may include only samples to be analysed, and some rounds pre- and/or post-analytical cases to be evaluated as well. More information on our website: https://www.labquality.com/eqas/integrated-eqa-service/.

Integrated EQA schemes

Clinical chemistry

2610	Acid-base status and electrolytes
2570, 2580, 2590	Glucose meters
2114	Haemoglobin, 1-level, POCT
2300, 2300S	Hormones A: Basic analytes of hormone and immunochemistry
2301, 2301S	Hormones B: Steroid and peptide hormones
2200	Lipids and lipoproteins
2240	Proteins, electrophoresis
2050	General clinical chemistry, 2-level sera (serum B and C)
3100, 3102	Urine strip test A
3130	Urine strip test B
2480	Vitamin A, E and D metabolites

Clinical physiology

7130	ECG, interpretation

Haematology

4480	Column agglutination methods: grading of reactions and patient cases

Immunology

5935	ANCA and GbmAb
5900	Antinuclear antibodies
5940	Coeliac disease, antibodies
5250	Interferon Gamma Release Assay (IGRA) for *Mycobacterium tuberculosis*

Microbiology

5950	*Bordetella pertussis,* antibodies
5960	*Borrelia burgdorferi,* antibodies, European origin
5620	*Chlamydia pneumoniae*, antibodies
5650	Cytomegalovirus, antibodies
5635	Dengue virus, antibodies and antigen detection
5641	EBV mononucleosis, specific antibodies
5080	General Bacteriology 1 (aerobes and anaerobes)
5081	General Bacteriology 2 (aerobes)
5860	*Helicobacter pylori*, antibodies
5092	Hepatitis A, antibodies
5094-5096	Hepatitis B and C, serology
5682	Hepatitis E, antibodies
5091	HIV, antibodies and antigen detection
5089	Human T-cell lymphotropic virus, antibodies
5668	Measles virus, antibodies
5669	Mumps virus, antibodies
5980	*Mycoplasma pneumoniae,* antibodies
5660	Parvovirus B19, antibodies
5560	Puumala virus, antibodies
5667	Rubella virus, antibodies
5880	Syphilis serology
5099	Tick-borne encephalitis virus, antibodies
5420	Toxoplasma, antibodies
5060	Urine culture, quantitative screening
5065	Urine culture, quantitative screening, identification and susceptibility
5665	Varicella-zoster virus, antibodies

EQA services for POCT sites

Patient outcome is associated with obtaining a reliable test result regardless of where the testing is performed. To ensure high quality of care and patient safety, it is imperative that point-of-care testing (POCT) is subjected to the same quality requirements as conventional laboratory analyses.

We offer a range of EQA schemes suitable for POCT sites. These services are intended for all testing units including home/community nursing, hospital wards, pediatric clinics, surgical units, occupational healthcare, outpatient clinics and medical centers.

Clinical chemistry

2610	Acid-base status and electrolytes
3240	Albumin and creatinine in urine
2100	Basic chemistry, POCT analysers
2132	C-reactive protein (CRP), POCT
3300	Drug of abuse screening in urine
2750	Faecal occult blood, qualitative
2749	Faecal occult blood, quantitative
2570, 2580, 2590	Glucose meters
1263	Haemoglobin A1c, liquid samples, POCT
2114	Haemoglobin, 1-level, POCT
2115	Haemoglobin, 1-level HemoCue 801 and HemoCue 301
2112	Haemoglobin, 3-level samples, POCT
2526	Ketones (beta-hydroxybutyrate), POCT
2690	Natriuretic peptides 1, B-type, NT-ProBNP
3270	Pregnancy test
2530	Troponin I and Troponin T, detection, POCT
3100	Urine strip test A

Haematology

4388	D-Dimer
4335	INR, CoaguChek, i-STAT and Siemens Xprecia, POCT
4338	INR, MicroINR, LumiraDX and CoagSense, POCT
5430	Malaria, antigen and nucleic acid detection
4130	White blood cell count: HemoCue, POCT

Microbiology

5262	*Candidozyma auris* (ex *Candida auris*), nucleid acid detection
5476	*Cryptosporidium/Giardia/Entamoeba*, antigen detection
5635	Dengue virus, antibodies and antigen detection
5640	EBV mononucleosis, POCT
5689	HCV RNA from capillary blood, POCT
5860	*Helicobacter pylori*, antibodies
5596	*Helicobacter pylori*, antigen detection in faeces
5090	HIV, antibodies and antigen detection, POCT
5687	HBsAg and HCVAb POCT
5671	Influenza virus A+B, antigen detection
5597	Legionella, antigen detection in urine
5430	Malaria, antigen and nucleic acid detection
5980	*Mycoplasma pneumoniae*, antibodies
5686	Norovirus, antigen detection
5560	Puumala virus, antibodies
5673	Respiratory adenovirus, antigen detection
5098	Rotavirus and adenovirus, antigen detection
5672	RS virus, antigen detection
5681	SARS-CoV-2 antigen detection
5676	SARS-CoV-2 nucleic acid detection
5595	*Streptococcus pyogenes* (Group A), detection in pharyngeal sample
5599	*Streptococcus agalactiae* (GBS), nucleic acid detection
5598	*Streptococcus pneumoniae*, antigen detection in urine
5099	Tick-borne encephalitis virus, antibodies
5473	*Trichomonas vaginalis*, detection

Preanalytics

7801	Preanalytics, urine and blood sample collection
7804	Preanalytics, POCT in chemistry
7808	Preanalytics, extended specimen collection

EQA schemes with digital samples

The 2027 program includes many rounds with digital sample formats. These include, for example, image programmes, where cell or particle morphology is assessed, and rounds utilising virtual microscopy technology, where the entire sample is digitised and can be viewed with a browser like a microscope. Preanalytical rounds, where the cases to be evaluated are described verbally, also fall into this category.

The best part of the digital rounds is that all participants receive the exact same sample. Sample stability is also not an issue with digital programmes, so they can be shipped anywhere in the world.

Rounds with digital samples

5938	Autoimmune diagnostics, IFA interpretation
5050	Bacteriological staining, direct
3171	Body cavity fluids, identification of cells
4480	Column agglutination methods: grading of reactions and patient cases
7130	ECG, interpretation
5043	Gram stain, vaginal fluid
6701	Gynaecological cytology (liquid based), virtual microscopy
6700	Gynaecological cytology (smear), virtual microscopy
6542	Histopathology, virtual microscopy
4180	Leucocyte differential count and evaluation of blood cell morphology
5477	Macroscopic findings in parasitology
2651	Nasal swab cells
6702	Non-gynaecological cytology, virtual microscopy
5450	Parasites in faeces, virtual microscopy
7806	Preanalytics and process in anatomic pathology
7800	Preanalytics, clinical chemistry
7802	Preanalytics, microbiology
7804	Preanalytics, POCT in chemistry
7801	Preanalytics, urine and blood sample collection
6400	Semen analysis
2652	Sputum cells
3200	Urine, identification of cells and other particles

EQA schemes for blood banks

Blood transfusion serology

4420	ABO and Rh grouping
4460	Antibody screening and compatibility testing
4440	Antiglobulin test, direct
4480	Column agglutination methods: grading of reactions and patient cases
4425	Extended phenotyping, blood group antigens

Bacterial serology

5880	Syphilis serology

Bacteriology

5100	Blood culture
5101	Blood culture, screening

Virology, serological tests

5650	Cytomegalovirus, antibodies
5092	Hepatitis A, antibodies
5093	Hepatitis B, s-antigen antibodies, quantitative
5094-5096	Hepatitis B and C, serology
5091	HIV, antibodies and antigen detection
5089	Human T-cell lymphotropic virus, antibodies
5660	Parvovirus B19, antibodies

Virology, molecular tests

5679	Hepatitis B virus, nucleic acid detection (DNA)
5678	Hepatitis C virus, nucleic acid detection (RNA)
5680	HIV-1, nucleic acid detection (RNA)

Pre- and postanalytical EQA programmes

Preanalytical EQA programmes

8817	Interference (DEKS)
8818	HIL-index (DEKS)
7800	Preanalytics, clinical chemistry
7802	Preanalytics, microbiology
7806	Preanalytics and process in anatomic pathology
7807	Preanalytics, Pneumatic sample transport
7804	Preanalytics, POCT in chemistry
7801	Preanalytics, urine and blood sample collection
7808	Extended sample collection

EQA schemes for direct nucleic acid detection

Bacteriology

5241	*Bordetella pertussis/parapertussis*, nucleic acid detection
5612	*Chlamydia trachomatis* and *Neisseria gonorrhoeae,* nucleic acid detection
5201	*Clostridioides difficile*, nucleic acid detection
5191	Faecal bacterial pathogens multiplex, nucleic acid detection
5253	*Helicobacter pylori*, drug resistance, nucleic acid detection
5221	Mycobacterial nucleic acid detection
5230	*Mycobacterium tuberculosis*, drug resistance, nucleic acid detection
5254	*Mycoplasma genitalium*, drug resistance, nucleic acid detection
5599	*Streptococcus agalactiae (GBS),* nucleic acid detection
5595	*Streptococcus pyogenes* (Group A), detection in pharyngeal sample
5071	Surveillance for multidrug resistant bacteria, MRSA
5072	Surveillance for multidrug resistant bacteria, VRE
5073	Surveillance for multidrug resistant bacteria, gramnegative rods

Multiplex

5305	Bacterial vaginosis and vaginitis multiplex, nucleic acid detection
5191	Faecal bacterial pathogens multiplex, nucleic acid detection
5472	Faecal parasites multiplex, nucleic acid detection
5304	Gastrointestinal viral multiplex, nucleic acid detection
5558	Joint infection multiplex, nucleic acid detection
5303	Meningitis-encephalitis multiplex, nucleic acid detection
5559	Multiple respiratory virus, antigen detection
5300	Respiratory infections multiplex, nucleic acid detection
5302	Sexually transmitted diseases multiplex, nucleic acid detection
5557	Tropical fever multiplex, nucleic acid detection

Mycology

5262	*Candidozyma auris* (ex *Candida auris*), nucleid acid detection
5261	Fungal infections, nucleic acid detection

Parasitology

5472	Faecal parasites multiplex, nucleic acid detection
5430	Malaria, antigen and nucleic acid detection
5473	*Trichomonas vaginalis*, detection

Virology

5651	CMV and EBV, nucleic acid detection, quantitative
5689	HCV RNA from capillary blood, POCT
5679	Hepatitis B virus, nucleic acid detection (DNA)
5678	Hepatitis C virus, nucleic acid detection (RNA)
5680	HIV-1, nucleic acid detection (RNA)
5556	HSV1&2/VZV/*Treponema pallidum*, nucleic acid detection
5086	Human papillomavirus, nucleic acid detection
5670	Influenza virus A+B and RS virus, nucleic acid detection
5562	Multiple Respiratory Virus, nucleic acid detection
5683	Mpox, nucleic acid detection
5675	Norovirus, nucleic acid detection
5676	SARS-CoV-2, nucleic acid detection

Clinical andrology

Andrology

Semen analysis

Target: Laboratories, Fertility clinics

6400 Semen analysis			
Samples	2-3 digital image series to assess morphology, 2-3 videos to assess sperm concentration and motility, 1 image series to assess sperm vitality.		
Examinations	Sperm concentration, morphology, motility, vitality.		
Add. info	Scheme is carried out online.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Clinical chemistry

The clinical chemistry portfolio covers areas of allergology, basic chemistry, cardiac markers, diabetes analysis, endocrinology, special chemistry, specific proteins, tumour markers and urine analysis. For routine chemistry needs, schemes with both one and two level samples enabling assessment of more than 50 analytes are available. A wide selection of schemes specifically tailored for POCT devices are also available, including e.g. those for drug abuse screening, glucose meters and troponin detection.

Allergology

Allergen component (UK NEQAS)

Target: Laboratories

2675 Allergen component (UK NEQAS)			
Samples	2 liquid human serum samples		
Examinations	Allergen component test which covers recombinant allergens as well as the ISAC system		
Add. info	Organised in cooperation with UK NEQAS. Participation in all rounds is required. An annual subscription must be made by the end of the previous year. Limited availability.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** **SEP** OCT **NOV** DEC		
Accreditation	ISO/IEC 17043:2023 (UKAS 7795)	**Results/set**	1

Allergy in vitro diagnostics (SKML)

Target: Laboratories

2681 Allergy in vitro diagnostics (SKML)			
Samples	3 liquid human serum samples for specific IgEs with 3 allergens, 2 mixes and total IgE in each and some allergen components, 0.5 mL		
Examinations	Total IgE, specific IgEs, allergen mixes and allergen components.		
Add. info	Organised in cooperation with SKML. Participation in all rounds is required. Register orders before the end of October. All samples are distributed in February.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Allergy in vitro diagnostics (UK NEQAS) and ECP

Target: Laboratories

2670 Allergy in vitro diagnostics (UK NEQAS and Labquality)

Samples	2 human serum samples for specific IgE with 4 allergens in each specimen, 0.5 mL and 1 serum specimen for total IgE, 0.5 mL		
Examinations	Total IgE and specific IgEs		
Add. info	Organised in cooperation with UK NEQAS. Participation in all rounds is required. An annual subscription must be made by the end of the previous year. Limited availability.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	1

2680 Eosinophil cationic proteiin

Samples	1 lyophilized serum sample, 0.3 mL		
Examinations	ECP		
Add. info	Results are processed in connection with total IgE results of scheme 2670		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	1

Tryptase (UK NEQAS)

Target: Laboratories

2685 Tryptase (UK NEQAS)

Samples	2 liquid human serum samples		
Examinations	Tryptase		
Add. info	Organised in cooperation with UK NEQAS. Participation in all rounds is required. An annual subscription must be made by the end of the previous year. Limited availability.		
Rounds	JAN **FEB** MAR **APR** **MAY** JUN **JUL** AUG **SEP** OCT **NOV** DEC		
Accreditation	ISO/IEC 17043:2023 (UKAS 7795)	**Results/set**	1

Basic chemistry

Basic chemistry, POC

Target: Laboratories and POCT

2100 Basic chemistry, POCT analyzers			
Samples	2 human serum samples, 1 mL		
Examinations	Alanine aminotransferase, albumin, alkaline phosphatase, amylase (total and pancreatic), aspartate aminotransferase, calcium, chloride, HDL cholesterol, cholesterol, creatinekinase, creatinine, gamma glutamyltransferase, glucose, lactate dehydrogenase, magnesium, phosphorus, potassim, sodium, total protein, triglycerides, urea, uric acid.		
Add. info	For clinical laboratories and POCT sites. Only for dry chemistry analyzers. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Bilirubin, neonatal

Target: Laboratories

2040 Bilirubin, neonatal			
Samples	2 lyophilized or liquid samples		
Examinations	Bil, neo.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Erythrocyte sedimentation rate

Target: Laboratories

2730 Erythrocyte sedimentation rate			
Samples	1 artificial blood cell suspension, 4 mL		
Examinations	ESR		
Add. info	Not suitable for Alcor iSed and Mindray.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2731 Erythrocyte sedimentation rate: Alifax; Greiner tube			
Samples	3 test tubes containing synthetic latex solution, 3 mL		
Examinations	ESR		
Add. info	Only for Alifax analyzers		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2732 Erythrocyte sedimentation rate: Alifax; Sarstedt tube			
Samples	3 test tubes containing synthetic latex solution, 3 mL		
Examinations	ESR		
Add. info	Only for Alifax analyzers		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Faecal occult blood, qualitative

Target: Laboratories and POCT

2750 Faecal occult blood, qualitative			
Samples	2 preparations that include human haemoglobin, 0.5 mL		
Examinations	Qualitative detection of Hb in human faeces		
Add. info	For clinical laboratories and POCT sites		
Rounds	**JAN** FEB MAR APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Faecal occult blood, quantitative

Target: Laboratories and POCT

2744 Faecal occult blood, quantitative, extra set of samples	
Samples	2 liquid samples or artificial stool preparations including human haemoglobin
Add. info	Only in connection with scheme 2749.
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**

2749 Faecal occult blood, quantitative			
Samples	2 liquid samples or artificial stool preparations including human haemoglobin		
Examinations	Quantitative determination of Hb in human faeces (iFOB/FIT)		
Add. info	The liquid samples assess the analytical process only, the lyophilized samples assess both the preanalytical and analytical processes. For clinical laboratories and POCT sites.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	Not accredited	**Results/set**	3

Haemoglobin 3-level

Target: Laboratories and POCT

2112 Haemoglobin, 3-level samples, POCT			
Samples	3 bovine or human samples, 1 mL each (low, medium and high concentration)		
Examinations	Haemoglobin linearity with three samples		
Add. info	Only for POCT devices. Not suitable for Diaspect or Hemocue Hb 301/801 meters.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2113 Haemoglobin, 3-level samples, cell counters and analyzers			
Samples	3 human whole blood control samples, 1 mL each (low, medium and high concentration)		
Examinations	Haemoglobin linearity with three samples. Reference values will be provided in the summary report.		
Add. info	For cell counters and analyzers		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Haemoglobin, POC

Target: POCT

2114 Haemoglobin, 1-level POC analyzers			
Samples	1 bovine sample, 1 mL		
Examinations	Haemoglobin		
Add. info	Only for POCT devices. Not suitable for Diaspect or HemoCue 801 or HemoCue 301 meters.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

2115 Haemoglobin, 1-level HemoCue 801 and HemoCue 301			
Samples	1 bovine sample, 1 mL		
Examinations	Haemoglobin		
Add. info	Only for HemoCue 801 and HemoCue 301 meters.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Cardiac markers

Myocardial markers

Target: Laboratories

1541 CRP, low concentration			
Samples	1 Human serum sample, 1 mL		
Examinations	CRP		
Add. info	CRP, low concentration sample is included in product 2541 Myocardiac markers and CRP		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2540 Myocardial markers			
Samples	2 Human serum samples, 1 mL		
Examinations	CK MB mass, myoglobin, quantitative troponin I, quantitative troponin T. Not for CKMB activity!		
Add. info	Suits clinical laboratory analyzers. See also scheme 2530 Troponin I and T, detection for POCT. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2541 Myocardial markers and CRP, low concentration			
Samples	2 Human serum samples for myocardial markers, 1 mL and one for CRP, 1 mL		
Examinations	CK-MB mass, myoglobin, quantitative troponin I, quantitative troponin T and CRP, low concentration. Not for CKMB activity!		
Add. info	Suits clinical laboratory analyzers. See also scheme 2530 Troponin I and T, detection for POCT. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Natriuretic peptides

Target: Laboratories and POCT

2690 Natriuretic peptides 1, B-type, NT-ProBNP			
Samples	2 liquid samples, 1,5 mL		
Examinations	NT-proBNP		
Add. info	Also suitable for Roche Cardiac Reader and Cobas h232		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Troponin I and troponin T, POC

Target: POCT

2530 Troponin I and troponin T, detection, POCT			
Samples	2 fresh human serum samples or 2 liquid human samples, 1 ml		
Examinations	Detection of troponin I and troponin T		
Add. info	Qualitative and quantitative results are processed This scheme is only for POCT, scheme 2540 is for analyzers. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Diabetes analysis

Glucose meters, POCT

Target: POCT

2570 Glucose meters: for all except Contour, HemoCue and On Call Plus			
Samples	1 whole blood, plasma or serum sample, 1 mL		
Examinations	Glucose, pre-analytical case yearly, timing not specified		
Add. info	5 results processed with one order if sample volume is sufficient and devices belong to the same product group.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	5

2580 Glucose meters: HemoCue meters			
Samples	1 whole blood, plasma or serum sample, 1 mL		
Examinations	Glucose, pre-analytical case yearly, timing not specified		
Add. info	5 results processed with one order if sample volume is sufficient and devices belong to the same product group.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	5

2590 Glucose meters: Contour meters			
Samples	1 whole blood, plasma or serum sample, 1 mL		
Examinations	Glucose, pre-analytical case yearly, timing not specified		
Add. info	5 results processed with one order if sample volume is sufficient and devices belong to the same product group.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	5

Haemoglobin A1c

Target: Laboratories and POCT

1261 Haemoglobin A1c, liquid samples (not suitable for Afinion instrument)			
Samples	2 liquid blood samples, 0.5 mL		
Examinations	HbA1c		
Add. info	Result processing in IFCC units. Not suitable for Afinion instruments.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

1263 Haemoglobin A1c, liquid samples, POCT			
Samples	2 liquid blood samples, 0.5 mL		
Examinations	HbA1c		
Add. info	Result processing in IFCC units. Only for POCT devices. Not suitable for Afinion instruments.		
Rounds	JAN FEB MAR **APR** MAY **JUN** JUL AUG SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Ketones (beta-hydroxybutyrate)

Target: Laboratories and POCT

2526 Ketones (beta-hydroxybutyrate)			
Samples	2 serum samples, 0.4 mL		
Examinations	Beta-hydroxybutyrate		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL **AUG** SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Endocrinology

ACTH and Cortisol

Target: Laboratories

2704 ACTH and Cortisol			
Samples	2 lyophilized human serum samples, 3 mL		
Examinations	Adrenocorticotropic hormone (ACTH) and Cortisol		
Rounds	JAN FEB MAR APR MAY **JUN** JUL AUG SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Erythropoietin and Thrombopoietin

Target: Laboratories

2708 Erythropoetin and Thrombopoietin			
Samples	2 lyophilised human serum samples, 1 mL		
Examinations	Erythropoietin and thrombopoietin		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Hormones A

Target: Laboratories

1300 Hormones A, extra set of samples	
Samples	2 human serum samples with differing concentrations, 3 mL
Add. info	Only in connection with scheme 2300.
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** NOV **DEC**

2300 Hormones A: Basic analytes of hormone and immunochemistry			
Samples	2 human serum samples with differing concentrations, 3 mL. Liquid serum (one level) included in Apr and Oct rounds. Pre- and/or post-analytical cases in part of the rounds.		
Examinations	Ferritin, folate, hCG (total, intact), T3, free T3, T4, free T4, TSH, vitamin B12, pre- and/or post-analytical indicators in part of the rounds.		
Add. info	2300S is a limited version of the scheme available for laboratories performing testing of 1-5 analytes. See also 2755 for active vitamin B-12/HoloTC. For additional set of samples, order scheme 1300.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

2300S Hormones A, limited selecton of analytes			
Samples	2 human serum samples with differing concentrations, 3 mL. Liquid serum (one level) included in Apr and Oct rounds. Pre- and/or post-analytical cases in part of the rounds.		
Examinations	Ferritin, folate, hCG (total, intact), T3, free T3, T4, free T4, TSH, vitamin B12, pre- and/or post-analytical indicators in part of the rounds.		
Add. info	2300S is a limited version of the scheme available for laboratories performing testing of 1–5 analytes. See also 2755 for active vitamin B-12/HoloTC. For additional set of samples, order scheme 1300. Product 2300S does not include reporting from multiple analysers or methods.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	1

Hormones B

Target: Laboratories

1301 Hormones B, extra set of samples	
Samples	2 human serum samples with differing concentrations, 3 mL
Add. info	Only in connection with scheme 2301.
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

2301 Hormones B: Steroids and peptide hormones

Samples	2 human serum samples with differing concentrations, 3 mL. Liquid serum sample (one level) included in Apr, Aug and Dec rounds. Pre- and/or postanalytical cases in part of the rounds.
Examinations	Androstenedione, aldosterone, C-peptide, cortisol, DHEAS, estradiol, FSH, gastrin, growth hormone, IGF-1, insulin, LH, progesterone, 17-OH-progesterone, prolactin, SHBG, testosterone, free testosterone, TBG, pre- and/or post-analytical indicators in part of the rounds.
Add. info	Reference values for 1 analyte in liquid serum will be provided. 2301S is a limited version of the scheme available for laboratories performing testing of 1–5 analytes. For additional set of samples, order scheme 1301.
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** NOV **DEC**
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.
Results/set	3

2301S Hormones B, limited selecton of analytes

Samples	2 human serum samples with differing concentrations, 3 mL. Liquid serum sample (one level) included in Apr, Aug and Dec rounds. Pre- and/or postanalytical cases in part of the rounds.
Examinations	Androstenedione, aldosterone, C-peptide, cortisol, DHEAS, estradiol, FSH, gastrin, growth hormone, IGF-1, insulin, LH, progesterone, 17-OH-progesterone, prolactin, SHBG, testosterone, free testosterone, TBG, pre- and/or post-analytical indicators in part of the rounds.
Add. info	Reference values for 1 analyte in liquid serum will be provided. 2301S is a limited version of the scheme available for laboratories performing testing of 1–5 analytes. Product does not include reporting from multiple analyzers or methods.
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** NOV **DEC**
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.
Results/set	1

Immunosuppressants

Target: Laboratories

2756 Immunosuppressants

Samples	2 lyophilised human whole blood samples, 2 mL
Examinations	Ciclosporin, tacrolimus, sirolimus, everolimus
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC
Accreditation	Not accredited
Results/set	3

Parathyroid hormone

Target: Laboratories

2250 Parathyroid hormone, intact			
Samples	2 lyophilized human serum samples, 3 ml		
Examinations	PTH, intact		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Salivary cortisol

Target: Laboratories

2706 Salivary cortisol			
Samples	2 liquid or lyophilized simulated salivary samples		
Examinations	Salivary cortisol		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

General chemistry, long term

General chemistry, Daytrol

Target: Laboratories

1031 DayTrol, human serum			
Samples	1 lyophilized human serum sample, 5 mL		
Examinations	Alanine aminotransferase, albumin, alkaline phosphatase, amylase, aspartate aminotransferase, bilirubin total, calcium, chloride, cholesterol, cholesterol HDL, creatine phosphokinase, creatinine, gammaglutamyltransferase, glucose, iron, lactate, lactate dehydrogenase, lithium, magnesium, osmolality, phosphorus, potassium, protein, sodium, thyreotropin, thyroxine, thyroxine free, transferrin, transferrin receptor, triglycerides, urea, uric acid.		
Add. info	Same sample is analyzed daily or weekly basis. Monthly averages and CV%´s are compared with other participants. Minimum order quantity of 10 bottles per year. Monthly reporting is included.		
Rounds	**JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

General chemistry, short term

General clinical chemistry, 1-level sample

Target: Laboratories

1072 General clinical chemistry, 1-level sample (Serum A)

Samples	Lyophilized serum sample, 3 - 5 mL, samples are selected to cover a wide concentration range
Examinations	Alanine aminotransferase, albumin, alkaline phosphatase, alpha-1-antitrypsin, alpha-1-glykoprotein, amylase, amylase (pancreatic), aspartate aminotransferase, bilirubin, calcium, calcium (ionized, actual), calcium (ionized, pH 7.4), chloride, cholesterol, cholesterol HDL, cholesterol LDL, cortisol, creatine phosphokinase, creatinine, ferritin, gamma-glutamyltransferase, glucose, haptoglobin, IgA, IgE, IgG, IgM, iron, lactate, lactate dehydrogenase, lithium, magnesium, oroso-mucoid, osmolality, phosphorus, potassium, protein, selenium, sodium, thyreotropin, thyroxine, thyroxine free, TIBC, transferrin, transferrin receptor, triglycerides, urea, uric acid
Add. info	Samples for multiple rounds shipped simultaneously. Monthly processing of results included.
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02
Results/set	3

1072S General clinical chemistry, 1-level sample, limited selecton of analytes

Samples	Lyophilized serum sample, 3 - 5 mL, samples are selected to cover a wide concentration range
Examinations	Alanine aminotransferase, albumin, alkaline phosphatase, alpha-1-antitrypsin, alpha-1-glykoprotein, amylase, amylase (pancreatic), aspartate aminotransferase, bilirubin, calcium, calcium (ionized, actual), calcium (ionized, pH 7.4), chloride, cholesterol, cholesterol HDL, cholesterol LDL, cortisol, creatine phosphokinase, creatinine, ferritin, gamma-glutamyltransferase, glucose, haptoglobin, IgA, IgE, IgG, IgM, iron, lactate, lactate dehydrogenase, lithium, magnesium, oroso-mucoid, osmolality, phosphorus, potassium, protein, selenium, sodium, thyreotropin, thyroxine, thyroxine free, TIBC, transferrin, transferrin receptor, triglycerides, urea, uric acid
Add. info	Limited version for laboratories performing testing of 1–5 analytes. Product 1072S does not include reporting from multiple analyzers or methods.
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02
Results/set	1

General clinical chemistry, 2-level sera

Target: Laboratories

2050 General clinical chemistry, 2-level sera (serum B and C)			
Samples	2 liquid human serum samples covering a wide concentration range, 3-5mL each.		
Examinations	Alanine aminotransferase, albumin, alfa-1-antitrypcine, alfa-1-glycoprotein, alkaline phosphatase, amylase, pancreas amylase, aspartate aminotransferase, bilirubin, ferritin, phosphate, glucose, glutamyltransferase, haptoglobin, IgA, IgE, IgG, IgM, potassium, calcium, ionized calcium, ionized calcium pH corrected (7.4), chloride, cholesterol, HDL cholesterol, LDL cholesterol, cortisol, creatine kinase, creatinine, copper, lactate, lactate dehydrogenase, lipase, lithium, magnesium, sodium, osmolality, protein, iron binding capacity, iron, selenium, zinc, transferrin, transferrin receptor, triglycerides, tri-iodio-thyronine, thyrotropin, tyroxine, free tyroxine, urea, uric acid.		
Add. info	Comparison of two different concentration ranges simultaneously. Reference method values available occasionally for some of the analytes.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Special chemistry

5-hydroxyindoleacetic Acid

Target: Laboratories

2525 5-hydroxyindoleacetic Acid (5HIAA)			
Samples	2 serum samples		
Examinations	5-HIAA		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Acid-base status and electrolytes

Target: Laboratories and POCT

2610 Acid-base status and electrolytes			
Samples	3 buffered artificial samples, 2.5 mL each.		
Examinations	Chloride, creatinine, glucose, ionized calcium, lactate, pCO2, pH, pO2, potassium, sodium, urea, base excess, HCO3, CO2 (total), anion gap		
Add. info	Order own sample set for each analyzer. For clinical laboratories and POCT sites.		
Rounds	JAN **FEB** MAR **APR** MAY JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	1

Alcohol determinations

Target: Laboratories

2510 Alcohol in whole blood: Ethanol + methanol + isopropanol

Samples	Ethanol: 2-level whole blood samples. Methanol and isopropanol: 1-level whole blood samples.		
Examinations	Ethanol, methanol, isopropanol.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2511 Alcohol in serum: Ethanol + methanol + isopropanol + acetone

Samples	Ethanol: 2-level serum samples. Methanol, isopropanol and acetone: 1-level serum samples.		
Examinations	Ethanol, methanol, isopropanol and acetone		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02, examination of acetone is not accredited	**Results/set**	3

2516 Alcohol in whole blood: Ethylene glycol

Samples	1-level whole blood samples.		
Examinations	Ethylene glycol		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2517 Alcohol in serum: Ethylene glycol

Samples	1-level serum samples.		
Examinations	Ethylene glycol		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Ammonium ion

Target: Laboratories

2105 Ammonium ion			
Samples	2 serum based or buffered samples, 3 ml		
Examinations	Ammonium ion		
Rounds	JAN FEB MAR **APR** MAY JUN JUL **AUG** SEP OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Angiotensin convertase (ACE)

Target: Laboratories

2210 Angiotensin convertase (ACE)			
Samples	1 liquid and 1 lyophilized human serum sample, 1 mL		
Examinations	ACE		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Bile acids

Target: Laboratories

2520 Bile acids			
Samples	2 pooled human serum samples, 0.5 mL		
Examinations	Bile acids		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Bilirubin, conjugated

Target: Laboratories

2109 Bilirubin, conjugated			
Samples	2 lyophilized or liquid samples, 1ml		
Examinations	Total bilirubin, conjugated bilirubin		
Rounds	JAN **FEB** MAR **APR** MAY JUN JUL **AUG** SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Biochemical indicators of vitamin B12 deficiency

Target: Laboratories

2755 Biochemical indicators of vitamin B12 deficiency			
Samples	2 lyophilised serum samples, 2 mL		
Examinations	Holotranscobalamin (HoloTC, Active vitamin B12), Vitamin B12, Methylmalonic Acid (MMA), Homocysteine		
Rounds	JAN **FEB** MAR **APR** MAY JUN JUL **AUG** SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Body cavity fluids, identification of cells

Target: Laboratories

3171 Body cavity fluids, identification of cells			
Samples	Two digital images		
Examinations	Each round includes one CSF case and one other body cavity fluid image		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Cystatin C (DEKS)

Target: Laboratories

8805 Cystatin C (DEKS)			
Samples	2 human plasma samples with reference target values, 0.75 mL each.		
Examinations	P-Cystatin C		
Add. info	Organized in cooperation with DEKS. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	DS/EN ISO/IEC 17043:2023 (DANAK 591)	**Results/set**	5

Faecal elastase

Target: Laboratories

2754 Faecal elastase			
Samples	2 lyophilized faecal specimens, 0.5 mL		
Examinations	Elastase		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Haemoxymeters

Target: Laboratories

2150 Haemoxymeters			
Samples	2 liquid samples, 1,2 mL		
Examinations	FO2Hb, FCOHb, FMETHb, ctHb, sO2.		
Add. info	Order own sample set for each analyzer. For clinical laboratories and POCT sites.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Homocystein (DEKS)

Target: Laboratories

8816 Homocystein (DEKS)			
Samples	2 samples		
Examinations	Homocystein		
Add. info	Organized in cooperation with DEKS. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	DS/EN ISO/IEC 17043:2023 (DANAK 591)	**Results/set**	1

Iohexol (EQUALIS)

Target: Laboratories

8853 Iohexol (EQUALIS)			
Samples	Two plasma samples		
Examinations	P-Iohexol, Pt-GFR (Iohexol) absolute, Pt-GFR (Iohexol) relative.		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	4 rounds per year		
Accreditation	Accredited	**Results/set**	1

Maternal serum screening

Target: Laboratories

2707 Maternal serum screening			
Samples	2 lyophilized samples		
Examinations	AFP, free b-hCG, inhibini A, PAPP-A, total hCG, unconjugated estriol.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Methyl malonate (DEKS)

Target: Laboratories

8815 Methyl malonate (DEKS)			
Samples	2 human serum samples.		
Examinations	P-Methyl-malonate		
Add. info	Organized in cooperation with DEKS. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	DS/EN ISO/IEC 17043:2023 (DANAK 591)	**Results/set**	1

Nasal swab cells

Target: Laboratories

2651 Nasal swab cells			
Samples	4 digital images of MGG -stained nasal swab specimens		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV **DEC**		
Accreditation	Not accredited	**Results/set**	1

Phosphatidyl ethanol in blood (PEth)

Target: Laboratories

2709 Phosphatidyl ethanol in blood (PEth)			
Samples	3 lyophilised whole blood samples		
Examinations	Phosphatidyl ethanol (PEth) 16:0/18:1		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Sputum cells

Target: Laboratories

2652 Sputum cells			
Samples	4 digital images of MGG -stained Sputum cell samples		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV **DEC**		
Accreditation	Not accredited	**Results/set**	1

Synovial fluid crystals

Target: Laboratories

2640 Synovial fluid crystals			
Samples	2-3 slides prepared from patient samples.		
Examinations	Monosodium urate monohydrate and calcium pyrophosphate dihydrate crystals.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Therapeutic drugs

Target: Laboratories

2410 Therapeutic drugs			
Samples	2 liquid or lyophilized human serum samples, 5 mL		
Examinations	Amikasin, carbamazepine, carbamazepine free, cyclosporine, digoxin, gentamycin, lithium, methotrexate, NAPA, netilmycin, paracetamol (acetaminophen), phenobarbital, phenytoin, phenytoin free, salicylate, theophylline, tobramycin, tricyclics, valproic acid, valproic acid free, vancomycin, pre or postanalytical indicators on some rounds.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Vitamin A, E and D metabolites

Target: Laboratories

2480 Vitamin A, E and D metabolites			
Samples	2 liquid sera, 1ml		
Examinations	Vitamin A, vitamin E, 25(OH)D-vitamin, 1,25(OH)2-D-vitamin, pre- and/or post-analytical indicators		
Add. info	Additional sample set available under product number 2481.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

2481 Vitamin A, E and D metabolites, extra set of samples	
Samples	2 liquid human serum samples, 2 mL
Examinations	Vitamin A, vitamin E, 25(OH)D, 1,25(OH)2D.
Add. info	Only in connection with scheme 2480.
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP OCT **NOV** DEC

Specific proteins

C-reactive protein (CRP) for analyzers

Target: Laboratories

2020 C-reactive protein (CRP) for analyzers			
Samples	2 plasma or serum samples, 1 mL		
Examinations	CRP		
Add. info	Scheme is designed only for clinical chemistry analyzers. Order scheme 2132 for POCT CRP meters. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

C-reactive protein (CRP), POCT

Target: POCT

2132 C-reactive protein (CRP), POCT			
Samples	2 serum samples, 1 mL		
Examinations	CRP		
Add. info	Only for quantitative POCT CRP meters. Not suitable for LumiraDX. If you are not sure whether your device is a POCT meter or an analyzer, please contact our customer service.		
Rounds	JAN **FEB** MAR **APR** MAY **JUN** JUL **AUG** SEP **OCT** **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

CDT, carbohydrate deficient transferrin (EQUALIS)

Target: Laboratories

2140 CDT, carbohydrate deficient transferrin (EQUALIS)			
Samples	2 human plasma samples, varying concentration of CDT.		
Examinations	CDT and CDT, disialo		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	6 rounds per year		
Accreditation	Accredited	**Results/set**	1

Faecal calprotectin

Target: Laboratories

2751 Faecal calprotectin			
Samples	2 lyophilized faecal specimens, 0.5 mL		
Examinations	Calprotectin		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Interleukins

Target: Laboratories

2281 Interleukins			
Samples	2 lyophilized samples		
Examinations	IL-2, IL-6, IL-4, IL-8, IL-10		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Lipids and lipoproteins

Target: Laboratories

2200 Lipids and lipoproteins			
Samples	2 fresh human serum samples, 0.5–1 mL. Pre- and/or postanalytical cases in part of the rounds.		
Examinations	Cholesterol, HDL cholesterol, non-HDL-Chol, LDL cholesterol, lipoprotein apo A1, lipoprotein apo A2, lipoprotein apo B, triglycerides, pre- and/or post-analytical indicators.		
Add. info	Separate round for Lp(a), see scheme 2202		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

2202 Lipoprotein a			
Samples	1 liquid or lyophilized human serum preparation		
Examinations	Lp(a) nmol/L and Lp(a) mg/L		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Procalcitonin

Target: Laboratories

2280 Procalcitonin			
Samples	2 lyophilized samples.		
Examinations	Procalcitonin		
Add. info	Only for quantitative methods.		
Rounds	JAN **FEB** MAR APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Proteins in cerebrospinal fluid

Target: Laboratories

2160 Proteins in cerebrospinal fluid			
Samples	1 cerebrospinal fluid sample 1-3 mL and 1 human serum sample, 1 mL		
Examinations	Cerebrospinal fluid: Albumin, IgG, total protein, IgG index. Serum: Albumin, IgG.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Proteins, electrophoresis

Target: Laboratories

2240 Proteins, electrophoresis			
Samples	2 liquid or lyophilized human serum samples, 1 mL Pre- and/or post-analytical cases in part of the rounds		
Examinations	Electrophoresis, contains immunofixation, pre- and/or postanalytical indicators		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Proteins, immunochemical determinations

Target: Laboratories

2230 Proteins, immunochemical determinations			
Samples	2 liquid human serum samples, 1 mL		
Examinations	Alpha-1-antitrypsin, alpha-2-macroglobulin, albumin, ceruloplasmin, complement C3, complement C4, haptoglobin, hemopexin, IgA, IgG, IgLcKappa, IgLcLambda, IgLcKappa free, IgLcLambda free, IgM, orosomucoid, pre-albumin, RBP, transferrin, transferrin receptor.		
Rounds	**JAN** FEB MAR **APR** MAY **JUN** JUL AUG **SEP** OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Tumour Markers and Anti-Müllerian hormone

Prostate specific antigen

Target: Laboratories

2226 Prostate specific antigen			
Samples	2 serum samples, 1 mL		
Examinations	PSA, complexed PSA, free PSA, free/total PSA ratio.		
Rounds	JAN, **FEB**, MAR, **APR**, MAY, JUN, **JUL**, AUG, SEP, **OCT**, NOV, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Tumour Markers and Anti-Müllerian hormone

Target: Laboratories

2700 Tumour markers			
Samples	2 liquid human serum samples, 2 mL		
Examinations	AFP, CA 125, CA 153, CA 199, CEA, ferritin, hCG (total, intact, beta-subunit), PSA, PSA free, PSA free/total index, TG, TG antibodies, beta-2-microglobulin, NSE, HE4.		
Add. info	For additional set of samples, order product 2701.		
Rounds	JAN, **FEB**, MAR, APR, **MAY**, JUN, JUL, **AUG**, SEP, OCT, **NOV**, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

2700S Tumour markers, limited selecton of analytes			
Samples	2 liquid human serum samples, 2 mL		
Examinations	AFP, CA 125, CA 153, CA 199, CEA, ferritin, hCG (total, intact, beta-subunit), PSA, PSA free, PSA free/total index, TG, TG antibodies, beta-2-microglobulin, NSE, HE4.		
Add. info	2700S is a limited version of the scheme available for laboratories performing testing of 1–5 analytes. Product 2700S does not include reporting from multiple analyzers or methods		
Rounds	JAN, **FEB**, MAR, APR, **MAY**, JUN, JUL, **AUG**, SEP, OCT, **NOV**, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

2703 Anti-Müllerian hormone			
Samples	2 liquid human serum samples, 1 mL		
Examinations	Anti-Müllerian hormone		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Urine analysis

Albumin and creatinine in urine

Target: Laboratories and POCT

3240 Albumin and creatinine in urine			
Samples	2 liquid human urine samples with spiked albumin and creatinine, 4 mL		
Examinations	Albumin, creatinine, albumin-creatinine ratio.		
Add. info	Only for quantitative methods.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Alcohol biomarkers in urine (EQUALIS)

Target: Laboratories

8855 Alcohol biomarkers in urine (EQUALIS)			
Samples	2 urine sample		
Examinations	U-Ethyl glucuronide (EtG), U-Ethyl sulphate (EtS)		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	6 rounds per year		
Accreditation	Not accredited	**Results/set**	1

Drug abuse screening urine

Target: Laboratories and POCT

3300 Drug abuse screening in urine			
Samples	2 authentic and 1 commercial urine sample, 5 ml		
Examinations	Alpha-PVP, Amphetamine, Barbiturates, Benzodiazepines, Buprenorphine, Cannabinoids, Carbamazepine, Cocaine +metabolites, Codeine, Dextropropoxyphene, EDDP, Fencyclidine, Fentanyl, Gammahydroxybutyrate (GHB), Ketamine, LSD, MDMA, MDPV, Metamphetamine, Methaqualone, Methadone +metabolites, Methylphenidate, Morphine, Opiates Oxycodone, Paracetamol, Pregabalin, Salicylate, Tricyclic- antidepr. Tramadol		
Add. info	Expert laboratory confirmatory results are provided. Results are reported as positive or negative.		
Rounds	JAN **FEB** MAR APR MAY **JUN** JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Urine bacterial screening with automated analyzers

Target: Laboratories

3170 Urine bacterial screening with automated analyzers			
Samples	1 liquid sample and lyophilized synthetic urine sample containing bacteria.		
Examinations	Bacterial, erythrocytes and leukocytes counting		
Rounds	JAN **FEB** MAR **APR** MAY JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Urine particle identification

Target: Laboratories

3200 Urine, identification of cells and other particles			
Samples	4 digital images		
Examinations	Identification of cells and other particles.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Urine pregnancy test

Target: Laboratories and POCT

3270 Urine pregnancy test			
Samples	2 fresh urine samples, 1 mL		
Examinations	Qualitative hCG		
Add. info	For clinical laboratories and POCT sites.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Urine quantitative chemistry

Target: Laboratories

3160 Urine quantitative chemistry			
Samples	1 lyophilized or liquid urine, 8–10 mL.		
Examinations	Albumin, amylase, calcium, chloride, cortisol-free, creatinine, glucose, magnesium, osmolality, pH, phosphorus, potassium, protein, relative density, sodium, urea, uric acid.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Urine strip test A, POC

Target: Laboratories and POCT

3100 Urine strip test A			
Samples	1 lyophilized urine sample with varying concentrations or liquid sample		
Examinations	Glucose, ketones, leukocytes, nitrite, pH, protein, blood, relative density.		
Add. info	For clinical laboratories and POCT sites. Water for dissolution available, see scheme 3101, should be ordered separately.		
Rounds	JAN **FEB** MAR **APR** MAY JUN JUL **AUG** SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

3101 Urine, strip test A, 15 mL water for sample dissolution	
Samples	15 mL water for dissolution of lyophilized samples of scheme 3100 and 3102
Add. info	Only in connection with scheme 3100 and 3102. When liquid samples will be used for 3100 and 3102, this order will be automatically cancelled.
Rounds	JAN **FEB** MAR **APR** MAY JUN JUL **AUG** SEP **OCT** NOV DEC

3102 Urine strip test A (incl. Bilirubin & Urobilinogen)			
Samples	1 lyophilized urine sample with varying concentrations or liquid sample		
Examinations	U-Bilirubin,U-Erythrocytes,U-Glucose,U-Ketones,U-Leukocytes,U-Nitrite,U-Protein,U-Relative density,U-Urobilinogen,U-pH		
Add. info	Limited availability. LT/FR		
Rounds	JAN, **FEB**, MAR, **APR**, MAY, JUN, JUL, **AUG**, SEP, **OCT**, NOV, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Urine strip test and particle count

Target: Laboratories

3130 Urine, strip test B, particle count and estimation of density			
Samples	1 lyophilized urine sample with varying concentrations or liquid sample		
Examinations	Particle count: erythrocytes and leukocytes. Estimation of density: creatinine, relative density, osmolality. Strip tests: glucose, ketone bodies, leukocytes, nitrite, pH, protein, blood (erythrocytes).		
Add. info	Also suitable for automatic analyzers (erythrocytes and leukocytes counting). The arbitrary concentrations of the obtained strip test results will only be collected in order to avoid different groupings of positive categories used by different strip tests and user laboratories. Water for dissolution of the lyophilized sample available, see scheme 3131, should be ordered separately.		
Rounds	JAN, FEB, **MAR**, APR, **MAY**, JUN, JUL, AUG, **SEP**, OCT, NOV, **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

3131 Urine, strip test B, 15 mL water for sample dissolution	
Samples	15 mL water for dissolution of lyophilized samples of scheme 3130
Add. info	Only in connection with scheme 3130. When liquid samples will be used for 3130, this order will be automatically cancelled.
Rounds	JAN, FEB, **MAR**, APR, **MAY**, JUN, JUL, AUG, **SEP**, OCT, NOV, **DEC**

Clinical genetics

Genetics

DNA sequencing (EQUALIS)

Target: Laboratories

8850 DNA sequencing (EQUALIS)			
Samples	Two samples where one consists of amplicon and primer pairs for a total of two sequencing reactions and one is a total of four sequencing files (ab1- and seq-format, both in forward and reverse order)		
Examinations	Both ability to identify the sequence and report according to HGVS nomenclature are assessed.		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	1 round per year		
Accreditation	Not accredited	**Results/set**	1

DNA single nucleotide variation (EQUALIS)

Target: Laboratories

3865 DNA single nucleotide variation (EQUALIS)			
Samples	Whole blood or extracted DNA. Blank samples (water) are sometimes included.		
Examinations	DNA-Apolipoprotein E genotype, DNA-Factor 2 (F2) g.20210G>A, DNA-Factor 5 (F5) c.1691G>A, DNA-Hemochromatosis (HFE) c.187C>G; c.845G>A, DNA-Lactase gene (LCT) g.-13910C>T, DNA-Methylene tetrahydropholate reductase (MTHFR) c.677C>T; c.1298A>C.		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	2 rounds per year		
Accreditation	Accredited	**Results/set**	1

Clinical haematology

The haematology selection consists of schemes for blood transfusion serology, cell count and morphology as well as coagulation tests. Specialties include the Erythrocyte sedimentation rate for Alifax as well as the White blood cell count and INR schemes for POCT. Units performing blood transfusions find EQA schemes for hepatitis B and C, HIV as well as other infectious diseases under the microbiology portfolio. Schemes related to blood parasites can be found under the parasites chapter.

Blood transfusion serology

ABO and Rh grouping

Target: Laboratories

4420 ABO and Rh grouping			
Samples	2 whole blood samples, 4 mL		
Examinations	ABO & Rh reaction strengths and interpretation		
Add. info	There is possibility to insert results for full ABO RhD group, confirmation group without using the plasma and a group for a newborn.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Antibody screening and compatibility testing

Target: Laboratories

4460 Antibody screening and compatibility testing (Requires ordering of product 4420)			
Samples	2 whole blood samples (4 mL) and 4 red blood cell suspensions (3 mL)		
Examinations	Reaction strengths and interpretation		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Antiglobulin test, direct

Target: Laboratories

4440 Antiglobulin test, direct			
Samples	2 red blood cell suspencions, 3 mL		
Examinations	Reaction strengths and interpretation		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Blood grouping, gel cards

Target: Laboratories

4480 Column agglutination methods: grading of reactions and patient cases			
Samples	3-5 cases and digital images (DiaMed and Grifols cards)		
Examinations	Interpretation of the cases and reaction strengths of the digital images		
Add. info	Post-analytical scheme.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Extended phenotyping, blood group antigens

Target: Laboratories

4425 Extended phenotyping, blood group antigens			
Samples	2 whole blood samples, 4 mL		
Examinations	Antigens: C, E, c, e, K, k, Fya, Fyb, Jka, Jkb, S, s.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	1

Titration of ABO antibodies (EQUALIS)

Target: Laboratories

8851 Titration of ABO antibodies (EQUALIS)			
Samples	The test material is plasma for titration against included test erythrocytes. 2 plasma and 2 test erythrocytes/ round.		
Examinations	Anti-A (IgG) (Titer), Anti-A (IgM) (Titer), Anti-B (IgG) (Titer), Anti-B (IgM) (Titer)		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	1 round per year		
Accreditation	Not accredited	**Results/set**	1

Titration of erythrocyte antibodies (EQUALIS)

Target: Laboratories

8852 Titration of erythrocyte antibodies (EQUALIS)			
Samples	The test material is plasma for titration against included and own test erythrocytes.		
Examinations	Titration 1. Ref.erythrocyte + ref.method, titration 2. Own testery. + ref. method, titration 3. Ref.erythrocyte + own method, titration 4. Own testery. + own method.		
Add. info	Organized in cooperation with Equalis. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	1 round per year		
Accreditation	Accredited	**Results/set**	1

Cell count and cell morphology

Basic blood count

Target: Laboratories

4100 Basic blood count, 1-level sample			
Samples	1 blood cell suspension, 3 mL.		
Examinations	Hb, HCT, MCH, MCHC, MCV, PLT, RBC, RDW (red cell distribution width), WBC, cumulative patient means of MCH, MCHC, MCV.		
Add. info	Not suitable for Pixcell Medical HemoScreen analyser.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4110 Basic blood count, 2-level samples			
Samples	2 blood cell suspensions, 3 mL.		
Examinations	Hb, HCT, MCH, MCHC, MCV, PLT, RBC, RDW (red cell distribution width), WBC, cumulative patient means of MCH, MCHC, MCV.		
Add. info	Not suitable for Pixcell Medical HemoScreen analyser.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Leucocyte count, POCT

Target: POCT

4130 White blood cell count: HemoCue, POCT			
Samples	1 blood cell suspension, 2 mL.		
Examinations	Leucocytes		
Add. info	The scheme is for HemoCue WBC Systems.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Leucocyte differential count and evaluation of blood cell morphology - virtual microscopy

Target: Laboratories

4180 Leucocyte differential count and evaluation of blood cell morphology, virtual microscopy and video summary			
Samples	2–3 patient cases as virtual slide images or unstained blood smears.		
Examinations	Leucocyte differential count and evaluation of red blood cells.		
Add. info	The product includes a new extended report, in which an expert reviews the key findings on video.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Leucocyte differential count, 3-part

Target: Laboratories

4200 Leucocyte differential count, 3-part, automated: ABX, Advia, Cell-Dyn, Coulter, Medonic, Mindray, Nihon Kohden Celtak MEK			
Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Absolute numbers of leucocytes, lymphocytes, mononuclear cells and granulocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4201 Leucocyte differential count, 3-part, automated: Sysmex			
Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Absolute numbers of leucocytes, lymphocytes, mononuclear cells and granulocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Leucocyte differential count, 5-part

Target: Laboratories

4230 Leucosyte differential count, 5-part, automated: Siemens Advia

Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4232 Leucocyte differential count, 5-part, automated: Coulter

Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4233 Leucocyte differential count, 5-part, automated: Sysmex XE, XS, XT, XN

Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4234 Leucocyte differential count, 5-part, automated: ABX Pentra, Yumizen

Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4236 Leucocyte differential count, 5-part, automated: Mindray

Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4237 Leucocyte differential count, 5-part, automated: Nihon Kohden Celltac MEK			
Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4240 Leucocyte differential count, 5-part, automated: Coulter DxH 560 AL			
Samples	1 blood cell suspension, 2–4 mL.		
Examinations	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	Not accredited	**Results/set**	3

Reticulocyte count

Target: Laboratories

4140 Reticulocyte count, manual methods			
Samples	1 stabilized red blood cell suspension, 2 mL.		
Examinations	Reticulocyte count		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4150 Reticulocyte count, automated: Siemens Advia, Beckman Coulter			
Samples	2 stabilized red blood cell suspensions, 2–4 mL.		
Examinations	Reticulocyte count		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4153 Reticulocyte count, automated: Sysmex			
Samples	2 stabilized red blood cell suspensions, 2–4 mL.		
Examinations	Reticulocyte count		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Coagulation

APTT, INR and fibrinogen

Target: Laboratories

4330 Activated partial thromboplastin time, INR and fibrinogen			
Samples	2 lyophilized plasma samples, 0.5–1 mL each.		
Examinations	APTT, fibrinogen and Prothrombin time (INR, PT% and PT in seconds)		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

D-dimer

Target: Laboratories and POCT

4388 D-dimer			
Samples	2 liquid commercial plasma samples, 0.5 mL		
Examinations	D-Dimer		
Add. info	For clinical laboratories and POCT sites		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4389 D-dimer, extra set of samples	
Samples	2 liquid commercial plasma samples, 0.5 mL
Examinations	D-Dimer
Add. info	Only in connection with scheme 4388.
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC

LMW-Heparin/antiFXa

Target: Laboratories

4387 Anticoagulants: LMW-Heparin/antiFXa			
Samples	2 lyophilized plasma samples, 0.5–1 mL		
Examinations	LMW-heparin/antiFXA		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Prothrombin time, POCT

Target: POCT

4335 INR, Coagucheck, i-STAT,Siemens Xprecia, POCT

Samples	Liquid or lyophilized sample		
Examinations	Prothrombin time in INR unit.		
Add. info	Only for CoaguChek, i-STAT and Siemens Xprecia meters.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

4338 INR, MicroINR, POCT

Samples	Lyophilized plasma sample		
Examinations	Prothrombin time in INR unit.		
Add. info	Only for microINR meters		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Special coagulation

Target: Laboratories

4386 Special coagulation

Samples	2 lyophilized plasma samples, 0.5–1 mL		
Examinations	Thrombin time, Antithrombin, Factor VIII, Protein C, Protein S		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Clinical immunology

This program includes schemes for immunodiagnostic tests such as those for coeliac disease, rheumatoid factor and thyroid gland autoantibodies. For allergy diagnostics, review the allergology program in the clinical chemistry portfolio

Immunology, diagnostics

ANCA and GbmAb

Target: Laboratories

5935 ANCA and GbmAb			
Samples	2 plasma or serum samples 0.5 mL.		
Examinations	Anti-neutrophilic cytoplasmic Ab and Immunofluorescent test for ANCA, Myeloperoxidase Ab, Proteinase-3 Ab and Glomerular basement membrane Ab. Pre- and/or post-analytical cases in part of the rounds.		
Add. info	Quantitative results are also processed (Pr3Ab, MPOAb, GbmAb).		
Rounds	JAN **FEB** MAR APR MAY JUN JUL **AUG** SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Antinuclear antibodies

Target: Laboratories

5900 Antinuclear antibodies			
Samples	3 plasma or serum samples, 0.6 mL		
Examinations	ANA, ENAAb, RNPAb, SmAb (SmDAb and/or SmBAb), SSAAb, SSBAb, Scl70Ab, CENP-B, CENP-A, Jo1Ab, DNAnAb (dsDNA), HistAb, RibP Ab, RNApol III Ab. Pre- and/or post-analytical cases in part of the rounds.		
Add. info	Extractable antinuclear antigens and double-stranded deoxyribonucleic acid are included.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Autoimmune diagnostics, IFA interpretation

Target: Laboratories

5938 Autoimmune diagnostics, IFA interpretation			
Samples	3 cases (digital images).		
Examinations	Interpretation (ANA, ANCA and EMA images).		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Autoimmune liver disease and gastric parietal cell antibodies

Target: Laboratories

5930 Autoimmune liver disease and gastric parietal cell antibodies			
Samples	2 plasma or serum samples, 0.4 mL		
Examinations	LKM-1 antibodies, SMA, AMA, PCA (GPCA)		
Rounds	JAN, FEB, MAR, APR, **MAY**, JUN, JUL, AUG, SEP, OCT, **NOV**, DEC		
Accreditation	Not accredited	**Results/set**	3

Coeliac disease

Target: Laboratories

5940 Coeliac disease, antibodies			
Samples	2 plasma or serum samples, 0.7 mL		
Examinations	Endomysium antibodies, tissue transglutaminase antibodies, deamidated gliadin peptide antibodies, interpretation of the Total IgA concentration of the sample. Pre- and/or post-analytical cases in part of the rounds.		
Add. info	Quantitative results are also processed (tTGAbA, tTGAbG, DGPAbA, DGPAbG). Scheme is not suitable for POC tests.		
Rounds	JAN, **FEB**, MAR, APR, MAY, **JUN**, JUL, AUG, SEP, **OCT**, NOV, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	3

Interferon Gamma Release Assay (IGRA) for Mycobacterium tuberculosis

Target: Laboratories

5250 Interferon Gamma Release Assay (IGRA) for Mycobacterium tuberculosis			
Samples	One sample set including three lyophilised samples, one liquid blank/NIL sample, water to dissolve the samples, and a preanalytical case description including questions. The samples simulate plasma.		
Examinations	Quantitative results and qualitative interpretation of TbINFg. Clinical interpretation.		
Add. info	The scheme is not suitable for TB ELISpot assays or the SD BIOSENSOR STANDARD F TB-Feron FIA (IFN-gamma) test.		
Rounds	JAN, **FEB**, MAR, APR, **MAY**, JUN, JUL, **AUG**, SEP, OCT, **NOV**, DEC		
Accreditation	Not accredited	**Results/set**	3

Interferon Gamma Release Assay (IGRA) for Mycobacterium tuberculosis - whole blood

Target: Laboratories

5251 Interferon Gamma Release Assay (IGRA) for Mycobacterium tuberculosis - whole blood			
Samples	2 Li-heparin whole blood samples 4.5 mL.		
Examinations	Quantitative results and qualitative interpretation of TbINFg. Clinical interpretation.		
Add. info	EQA samples must be aliquoted into to test specific tubes (not provided) within 48h of phlebotomy. The samples are sent directly to the participating laboratories by the sample provider. By placing the order for this round, the participants give their consent to Labquality to transfer the participant contact information to the sample provider for shipping purposes. The product is not intended for the VIDAS TB-IGRA (TBRA) test.		
Rounds	JAN **FEB** MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Phospholipid antibodies

Target: Laboratories

5937 Phospholipid antibodies			
Samples	2 plasma or serum samples 0.5 mL.		
Examinations	Phospholipid antibody screen (aCL/B2GPI, aCL IgG/IgM antibodies, B2GPI IgG/IgM antibodies), Cardiolipin antibodies (IgG and IgM), Beta-2-glycoprotein I antibodies (IgG and IgM).		
Add. info	Quantitative results are also processed.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Rheumatoid factor and cyclic citrullinated peptide antibodies

Target: Laboratories and POCT

5820 Rheumatoid factor and cyclic citrullinated peptide antibodies			
Samples	2 plasma or serum samples 0.7 mL.		
Examinations	Qualitative and quantitative RF, CCPAb.		
Rounds	**JAN** FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Thyroid gland antibodies

Target: Laboratories

5920 Thyroid gland antibodies			
Samples	2 plasma or serum samples 0.4 mL.		
Examinations	Thyroglobulin antibodies and thyroid peroxidase antibodies.		
Add. info	Quantitative results are also processed.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Thyroid stimulating hormone receptor antibodies

Target: Laboratories

5913 TSH receptor antibodies			
Samples	2 plasma or serum samples, 0.4 mL		
Examinations	Thyroid stimulating hormone receptor antibodies.		
Add. info	Quantitative results are also processed.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Clinical microbiology

The microbiological EQA programs are suitable for clinical laboratories and POCT sites performing testing in the areas of bacterial serology, bacteriology, mycology, parasitology and virology. While the selection includes schemes for antigen detection, antibody detection, culture, microscopy, and PCR tests, solutions for versatile needs are available. Authentic single donor samples are included in multiple schemes.

Bacterial serology

Antistreptolysin

Target: Laboratories

5840 Antistreptolysin			
Samples	2 human single donor plasma or serum samples, 0.4 mL		
Examinations	Qualitative and quantitative ASO.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Bordetella pertussis, antibodies

Target: Laboratories

5950 Bordetella pertussis, antibodies			
Samples	2 plasma or serum samples, 0.3 mL		
Examinations	B. pertussis IgA, IgG & IgM antibodies, Pertussis toxin IgA, IgG & IgM, post-analytical clinical interpretation		
Rounds	**JAN** FEB MAR **APR** MAY JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Borrelia burgdorferi, antibodies

Target: Laboratories

5960 Borrelia burgdorferi, antibodies, European origin			
Samples	2 human single donor plasma or serum samples, 0.5 mL		
Examinations	B. burgdorferi IgG, IgM and total antibodies, post-analytical clinical interpretation.		
Rounds	**JAN** FEB MAR **APR** MAY JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Brucella antibodies

Target: Laboratories

5850 Brucella antibodies			
Samples	2 plasma or serum samples, 0.5 mL		
Examinations	Brucella IgG, IgM and total antibodies, clinical interpretation		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Chlamydia pneumoniae, antibodies

Target: Laboratories

5620 Chlamydia pneumoniae, antibodies			
Samples	2 human single donor plasma or serum samples, 0.4 mL		
Examinations	C. pneumoniae IgA, IgG, IgM antibodies, post-analytical clinical interpretation		
Add. info	Not suitable for complement fixation tests (CFT)		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Francisella tularensis, antibodies

Target: Laboratories

5851 Francisella tularensis, antibodies			
Samples	3 plasma or serum samples, 0.5 mL		
Examinations	Francisella tularensis IgG, IgM and total antibodies, clinical interpretation		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Helicobacter pylori, antibodies

Target: Laboratories and POCT

5860 Helicobacter pylori, antibodies			
Samples	2 human single donor plasma or serum samples, 0.4 mL		
Examinations	H. pylori IgA, IgG and total antibodies, quantitative and qualitative tests, post-analytical clinical interpretation		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Mycoplasma pneumoniae, antibodies

Target: Laboratories and POCT

5980 Mycoplasma pneumoniae, antibodies			
Samples	2 human single donor plasma or serum samples, 0.3 mL		
Examinations	M. pneumoniae IgG, IgM and total antibodies, post-analytical clinical interpretation		
Add. info	Not suitable for complement fixation tests (CFT)		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Syphilis serology

Target: Laboratories

5880 Syphilis serology			
Samples	2 human single donor plasma or serum samples, 0.6 mL		
Examinations	Cardiolipin, Treponema pallidum antibodies, post-analytical clinical interpretation		
Rounds	JAN **FEB** MAR APR MAY **JUN** JUL AUG SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Bacteriology

Bacteriological staining, direct

Target: Laboratories

5050 Bacteriological staining, direct			
Samples	3 cases, 3–9 digital images.		
Examinations	Interpretation of digital images taken from direct bacteriological Gram staining of clinical samples.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Blood culture

Target: Laboratories

5100 Blood culture (incl. sepsis multiplex methods)

Samples	3 lyophilized samples. Brief case histories also given. Fresh blood is needed in the specimen preparation. The samples intended for susceptibility testing may include both international quality control strains and clinical strains.		
Examinations	Culture, identification, antimicrobial susceptibility testing. Direct nucleic acid detection from positive blood culture bottles by multiplex methods is included in the scheme.		
Add. info	Fresh blood is needed but not included in the shipment.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5101 Blood culture, screening (incl. sepsis multiplex methods)

Samples	3 lyophilized samples. Brief case histories also given. Fresh blood is needed in the specimen preparation.		
Examinations	Culture, preliminary identification using Gram staining and/or direct nucleic acid detection from positive blood culture bottles by multiplex methods. The scheme is also suitable for stem cell banks screening only for possible growth.		
Add. info	Fresh blood is needed but not included in the shipment.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Bordetella pertussis/parapertussis, nucleic acid detection

Target: Laboratories

5241 Bordetella pertussis/parapertussis, nucleic acid detection

Samples	2 simulated samples, 1 mL		
Examinations	Bordetella pertussis/parapertussis, nucleic acid detection		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Cerebrospinal fluid, bacterial culture

Target: Laboratories

5150 Cerebrospinal fluid, bacterial culture			
Samples	2 lyophilized samples. Brief case histories also given.		
Examinations	Culture and identification. The scheme is also suitable for laboratories performing screening and reporting merely a preliminary identification.		
Add. info	See also scheme 5303 Meningitis-encephalitis multiplex, nucleic acid detection		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	Not accredited	**Results/set**	1

Chemokine CXCL13

Target: Laboratories

5965 Chemokine CXCL13			
Samples	2 liquid samples		
Examinations	Chemokine CXCL13 detection		
Rounds	**JAN** FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Chlamydia trachomatis and Neisseria gonorrhoeae, nucleic acid detection

Target: Laboratories

5612 Chlamydia trachomatis and Neisseria gonorrhoeae, nucleic acid detection			
Samples	3 simulated swab/urine samples, 2 mL		
Examinations	Detection of C. trachomatis and N. gonorrhoeae nucleic acid.		
Add. info	See also scheme 5302 Sexually transmitted diseases multiplex, nucleic acid detection. The samples contain hDNA.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Clostridioides difficile

Target: Laboratories

5200 Clostridioides difficile, culture and toxin detection

Samples	2 lyophilized mixtures of bacteria		
Examinations	C. difficile culture, antigen detection (GDH), toxin detection and direct nucleic acid detection. Hypervirulent C. difficile strains also included.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5201 Clostridioides difficile, nucleic acid detection

Samples	2 lyophilized mixtures of bacteria		
Examinations	Direct nucleic acid detection. Hypervirulent C. difficile strains also included.		
Add. info	5200 includes also this examination.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5202 Clostridioides difficile, extra set of samples

Samples	2 lyophilized mixtures of bacteria
Add. info	Only in connection with products 5200 and 5201
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC

Faecal culture

Target: Laboratories

5190 Faecal culture

Samples	2 lyophilised mixtures of bacteria.		
Examinations	Culture, identification and antimicrobial susceptibility (rounds 2 and 4). In addition to culture, samples are also suitable for direct nucleic acid detection. Pathogens included are Aeromonas, Campylobacter, Plesiomonas, Salmonella, Shigella and Yersinia.		
Add. info	5190 includes 5180 Salmonella culture.		
Rounds	JAN FEB MAR **APR** MAY **JUN** JUL AUG SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

General Bacteriology

Target: Laboratories

5080 General Bacteriology 1, aerobes and anaerobes

Samples	4 lyophilized mixtures of microbes: both pathogens and normal flora. The samples intended for susceptibility testing may include both international quality control strains and susceptible or resistant clinical strains. Brief case histories are also given. Pre- and/or post-analytical cases in part of the rounds.		
Examinations	Isolation of pathogens and antimicrobial susceptibility testing, pre- and/or post-analytical indicators.		
Add. info	5080 includes 5081, General Bacteriology 2.		
Rounds	JAN, FEB, **MAR**, APR, **MAY**, JUN, JUL, AUG, **SEP**, OCT, NOV, **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	1

5081 General Bacteriology 2, aerobes

Samples	2 lyophilized mixtures of microbes: both pathogens and normal flora. The specimens intended for susceptibility testing may include both international quality control strains and susceptible or resistant clinical strains. Brief case histories are also given. Pre- and/or post-analytical cases in part of the rounds.		
Examinations	Isolation of pathogens and antimicrobial susceptibility testing, pre- and/or post-analytical indicators.		
Add. info	5080 General Bacteriology 1 includes 5081.		
Rounds	JAN, FEB, **MAR**, APR, **MAY**, JUN, JUL, AUG, **SEP**, OCT, NOV, **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	1

Gram stain, blood culture

Target: Laboratories

5041 Gram stain, blood culture

Samples	2 air-dried, unfixed microbe suspensions on slides. Brief case histories also given.		
Examinations	Staining and microscopy.		
Rounds	**JAN**, FEB, MAR, **APR**, MAY, JUN, **JUL**, AUG, SEP, **OCT**, NOV, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Gram stain, colonies

Target: Laboratories

5040 Gram stain, colonies			
Samples	3 air-dried, unfixed microbe suspensions on a slide.		
Examinations	Staining and microscopy.		
Rounds	JAN FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Gram stain, vaginal fluid

Target: Laboratories

5043 Gram stain, vaginal fluid			
Samples	Digital or virtual microscopy images of three Gram-stained vaginal fluid samples with brief case histories.		
Examinations	Evaluation of Gram-stained vaginal fluid		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Helicobacter pylori, antigen detection in faeces

Target: Laboratories and POCT

5596 Helicobacter pylori, antigen detection in faeces			
Samples	3 lyophilised feacal samples		
Examinations	H. pylori antigen detection		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Helicobacter pylori, drug resistance, nucleic acid detection

Target: Laboratories

5253 Helicobacter pylori, drug resistance, nucleic acid detection			
Samples	3 simulated swab samples.		
Examinations	H. pylori nucleic acid detection, clarithromycin susceptibility.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Legionella, antigen detection in urine

Target: Laboratories and POCT

5597 Legionella, antigen detection in urine			
Samples	3 simulated urine samples.		
Examinations	Legionella antigen detection.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Mycobacteria

Target: Laboratories

5220 Mycobacterial culture and stain			
Samples	2 lyophilised samples and 2 fixed smears on slides.		
Examinations	Detection of Mycobacterium tuberculosis and atypical mycobacteria: culture, direct nucleic acid detection, acid-fast staining and microscopy.		
Add. info	See also product 5250 IGRA for M. tuberculosis.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5221 Mycobacterial nucleic acid detection			
Samples	2 lyophilised samples and 2 fixed smears on slides.		
Examinations	Direct nucleic acid detection		
Add. info	5220 includes also this examination. For additional set of samples, order scheme 5222.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5222 Mycobacteria, extra set of samples	
Samples	2 lyophilised samples.
Add. info	Only in connection with scheme 5220 or 5221.
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**

5240 Mycobacterial stain			
Samples	2 fixed smears on slides.		
Examinations	Acid-fast staining and microscopy.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Mycobacterium tuberculosis, drug resistance, nucleic acid detection

Target: Laboratories

5230 Mycobacterium tuberculosis, drug resistance, nucleic acid detection			
Samples	2 simulated samples, 1 mL		
Examinations	Mycobacterium tuberculosis nucleic acid detection, rifampicin susceptibility and isoniazid susceptibility		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5231 Mycobacterium tuberculosis, drug resistance, nucleic acid detection, extra set of samples	
Samples	2 simulated samples, 1 mL
Add. info	Only in connection with scheme 5230
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**

Mycoplasma genitalium, drug resistance, nucleic acid detection

Target: Laboratories

5254 Mycoplasma genitalium, drug resistance, nucleic acid detection			
Samples	3 simulated swab samples.		
Examinations	M. genitalium nucleic acid detection, macrolide (azithromycin) susceptibility. Some rounds will include a fluoroquinolone (moxifloxacin) resistant sample.		
Add. info	The samples contain hDNA.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Neisseria gonorrhoeae (Gc), culture and susceptibility testing

Target: Laboratories

5120 Neisseria gonorrhoeae (Gc), culture and susceptibility testing			
Samples	2 lyophilized mixtures of microbes. The samples intended for susceptibility testing may include both international quality control strains and susceptible or resistant clinical strains.		
Examinations	Culture, identification and antimicrobial susceptibility testing. Also suitable for laboratories performing preliminary screening.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Salmonella culture

Target: Laboratories

5180 Salmonella culture			
Samples	2 lyophilised mixtures of bacteria.		
Examinations	Culture		
Add. info	5190 also includes 5180.		
Rounds	JAN FEB MAR **APR** MAY **JUN** JUL AUG SEP **OCT** NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Streptococcus agalactiae (GBS), culture

Target: Laboratories

5594 Streptococcus agalactiae (GBS), culture			
Samples	2 lyophilized samples. Samples include pathogens and/or normal flora.		
Examinations	Culture		
Add. info	See also product 5599 for direct nucleic acid detection.		
Rounds	JAN FEB MAR **APR** MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	1

Streptococcus agalactiae (GBS), nucleic acid detection

Target: Laboratories, hospital wards

5599 Streptococcus agalactiae (GBS), nucleic acid detection			
Samples	2 swab samples. Samples also include normal flora		
Examinations	Direct nucleic acid detection		
Add. info	See also product 5594 for S. agalactiae (GBS) culture		
Rounds	JAN FEB MAR **APR** MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Streptococcus pneumoniae, antigen detection

Target: Laboratories and POCT

5598 Streptococcus pneumoniae, antigen detection in urine			
Samples	3 simulated urine samples.		
Examinations	S. pneumoniae antigen detection.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Streptococcus pyogenes (Group A), detection in pharyngeal sample

Target: Laboratories and POCT

5592 Streptococcus pyogenes (Group A), detection in pharyngeal sample, extra set of samples	
Samples	3 simulated samples
Add. info	Only in connection with scheme 5595.
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**

5595 Streptococcus pyogenes (Group A), detection in pharyngeal sample			
Samples	3 simulated samples		
Examinations	Strep A Ag, Strep A NAT		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Surveillance for multidrug resistant bacteria

Target: Laboratories

5071 Surveillance for multidrug resistant bacteria, MRSA

Samples	1 lyophilized mixture of microbes; including pathogens and/or normal flora.		
Examinations	The product is intended for laboratories performing screening of MRSA (methicillin resistant Staphylococcus aureus) by culture and/or direct nucleic acid detection method.		
Add. info	Product 5071 is delivered simultaneously with products 5072 and 5073.		
Rounds	JAN **FEB** MAR APR MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5072 Surveillance for multidrug resistant bacteria, VRE

Samples	1 lyophilized mixture of microbes; including pathogens and/or normal flora.		
Examinations	The product is intended for laboratories performing screening of VRE (vancomycin-resistant enterococci) by culture and/or direct nucleic acid detection method.		
Add. info	Product 5072 is delivered simultaneously with products 5071 and 5073.		
Rounds	JAN **FEB** MAR APR MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

5073 Surveillance for multidrug resistant bacteria, gramnegative rods

Samples	1 lyophilized mixture of microbes; including pathogens and/or normal flora.		
Examinations	The product is intended for laboratories performing screening of multidrug resistant gramnegative rods (e.g. CPE, ESBL, pAmpC, MDR Acinetobacter and P. aeruginosa) by culture and/or direct nucleic acid detection method.		
Add. info	Product 5073 is delivered simultaneously with products 5071 and 5072.		
Rounds	JAN **FEB** MAR APR MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Throat streptococcal culture

Target: Laboratories

5140 Throat streptococcal culture			
Samples	3 lyophilised mixtures of bacteria.		
Examinations	Culture and identification of group A, C and G streptococci.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Urine culture

Target: Laboratories

5060 Urine culture, quantitative screening			
Samples	2 lyophilized samples and dilutor. Brief case histories also given. Pre- and/or post-analytical cases in part of the rounds.		
Examinations	Culture and quantitation, pre-and/or post-analytical indicators		
Add. info	Note also product 3170 Urine bacterial screening with automated analyzers		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	1

5065 Urine culture, quantitative screening, identification and susceptibility			
Samples	2 lyophilized samples and dilutor. Brief case histories also given. The samples intended for susceptibility testing may include both international quality control strains and susceptible or resistant clinical strains. Pre- and/or post-analytical cases in part of the rounds.		
Examinations	Culture, quantitation, identification and antimicrobial susceptibility testing, pre-and/or post-analytical indicators		
Add. info	Note also product 3170 Urine bacterial screening with automated analyzers		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. Integrated pre- and/or post-analytical cases are not accredited.	**Results/set**	1

Multiplex methods

Multiplex EQA schemes are aimed to support laboratories to fulfill quality requirements of multiplex nucleic acid tests. All schemes include clinically relevant samples specially designed for multiplex nucleic acid testing. The multiplex schemes are annual programs and during the period of one calendar year, a comprehensive selection of listed pathogens will be covered.

Bacterial vaginosis and vaginitis multiplex, nucleic acid detection

Target: Laboratories

5305 Bacterial vaginosis and vaginitis multiplex, nucleic acid detection			
Samples	3 simulated swab samples.		
Examinations	Atopobium vaginae, BVAB2, Gardnerella vaginalis, Lactobacillus spp., Megasphaera-1, Candida albicans, Candida glabrata, Candida krusei and Trichomonas vaginalis. Interpretation of bacterial vaginosis.		
Add. info	During the period of one calendar year, a comprehensive selection of listed microbes will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage. The samples contain hDNA. Product is not suitable for Hologic Aptima BV assay.		
Rounds	JAN, FEB, MAR, **APR**, MAY, JUN, JUL, AUG, SEP, **OCT**, NOV, DEC		
Accreditation	Not accredited	**Results/set**	1

Faecal bacterial pathogens multiplex, nucleic acid detection

Target: Laboratories

5191 Faecal bacterial pathogens multiplex, nucleic acid detection			
Samples	3 samples. Either lyophilised mixtures of bacteria and/or simulated samples, 1 mL.		
Examinations	Direct nucleic acid detection. Pathogens included are Aeromonas, Campylobacter, C. difficile, E. coli EHEC (stx1/stx2), E. coli EAEC, E. coli EIEC, E. coli EPEC, E. coli ETEC, Plesiomonas, Salmonella, Shigella, Vibrio and Yersinia.		
Add. info	During the period of one calendar year, a comprehensive selection of listed pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage.		
Rounds	JAN, FEB, MAR, **APR**, MAY, **JUN**, JUL, AUG, SEP, **OCT**, NOV, **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Faecal parasites multiplex, nucleic acid detection

Target: Laboratories

5472 Faecal parasites multiplex, nucleic acid detection			
Samples	3 samples. Either lyophilised and/or simulated samples, 1 mL.		
Examinations	Nucleic acid detection of Cryptosporidium, Cyclospora cayetanensis, Dientamoeba fragilis, Entamoeba histolytica and Giardia lamblia.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	1

Gastrointestinal viral multiplex, nucleic acid detection

Target: Laboratories

5304 Gastrointestinal viral multiplex, nucleic acid detection			
Samples	3 simulated samples, 1 mL.		
Examinations	Direct multiplex nucleic acid detection. Pathogens included are: Adenovirus, Astrovirus, Norovirus GI and GII, Rotavirus and Sapovirus.		
Add. info	During the period of one calendar year, a comprehensive selection of listed pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Joint infection multiplex, nucleic acid detection

Target: Laboratories

5558 Joint infection multiplex, nucleic acid detection			
Samples	3 simulated samples.		
Examinations	Direct nucleic acid detection of pathogens included in joint infection multiplex panels.		
Add. info	During the period of one calendar year, a selection of pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Meningitis-encephalitis multiplex, nucleic acid detection

Target: Laboratories

5303 Meningitis-encephalitis multiplex, nucleic acid detection			
Samples	3 simulated samples, 1 mL		
Examinations	Direct multiplex nucleic acid detection. Pathogens included are: Escherichia coli K1, Haemophilus influenzae, Listeria monocytogenes, Neisseria meningitidis, Streptococcus agalactiae, Streptococcus pneumoniae, Cytomegalovirus (CMV), Enterovirus, Epstein-Barr virus (EBV), Herpes simplex virus 1 (HSV1), Herpes simplex virus 2 (HSV2), Human herpesvirus 6 (HHV6), Human parechovirus (HPeV), Varicella zoster virus (VZV), Cryptococcus neoformans and Cryptococcus neoformans/gattii.		
Add. info	During the period of one calendar year, a comprehensive selection of listed pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. The qualitative analysis phase is accredited.	**Results/set**	1

Respiratory infections multiplex, nucleic acid detection

Target: Laboratories

5300 Respiratory infections multiplex, nucleic acid detection			
Samples	4 simulated samples, 1 mL each		
Examinations	Direct multiplex nucleic acid detection. Pathogens included are adenovirus, bocavirus, B. parapertussis, B. pertussis, C. pneumoniae, coronavirus (OC43, 229E, NL63, HKU1), enterovirus, influenzavirus A/B, L. pneumophila, metapneumovirus, M. pneumoniae, parainfluenzavirus 1-4, rhinovirus, RSV A/B, SARS-CoV-2 and S. pneumoniae.		
Add. info	During the period of one calendar year, a comprehensive selection of listed pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage. The samples include hDNA.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. The qualitative analysis phase is accredited.	**Results/set**	1

Sexually transmitted diseases multiplex, nucleic acid detection

Target: Laboratories

5302 Sexually transmitted diseases multiplex, nucleic acid detection			
Samples	4 simulated swab/urine samples, 2 mL.		
Examinations	Direct multiplex nucleic acid detection. Pathogens included are C. trachomatis, M. genitalium, M. hominis, N. gonorrhoeae, T. vaginalis, U. parvum and U. urealyticum.		
Add. info	During the period of one calendar year, a comprehensive selection of listed pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage. The samples contain hDNA.		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Tropical fever multiplex, nucleic acid detection

Target: Laboratories

5557 Tropical fever multiplex, nucleic acid detection			
Samples	3 simulated samples.		
Examinations	Direct nucleic acid detection of pathogens included in tropical fever multiplex panels.		
Add. info	During the period of one calendar year, a selection of pathogens will be covered. Participation in all rounds throughout the year is strongly recommended to achieve the best possible coverage.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Mycology

Candidozyma auris (ex Candida auris), nucleid acid detection

Target: Laboratories and POCT

5262 Candidozyma auris (ex Candida auris), nucleid acid detection			
Samples	2 simulated swab samples		
Examinations	Candidozyma auris (ex Candida auris) NAT.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Fungal culture

Target: Laboratories

5260 Fungal culture			
Samples	3 lyophilised samples. Brief case histories also given. The samples may include moulds, dermatophytes and yeasts.		
Examinations	Culture and identification. Antimicrobial susceptibility testing of yeast strains.		
Rounds	JAN, FEB, **MAR**, APR, **MAY**, JUN, JUL, AUG, **SEP**, OCT, **NOV**, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Fungal infections, nucleic acid detection

Target: Laboratories

5261 Fungal infections, nucleic acid detection			
Samples	3-4 simulated samples. The samples may include yeasts, dermatophytes and moulds.		
Examinations	Nucleic acid detection according to laboratory's own test selection.		
Add. info	Test selection of the participating lab is taken into consideration in result processing. The samples contain hDNA.		
Rounds	JAN, FEB, MAR, **APR**, MAY, JUN, JUL, AUG, **SEP**, OCT, NOV, DEC		
Accreditation	Not accredited	**Results/set**	1

Parasitology

Cryptosporidium/Giardia/Entamoeba, antigen detection

Target: Laboratories and POCT

5476 Cryptosporidium/Giardia/Entamoeba, antigen detection			
Samples	3 simulated swab samples		
Examinations	Antigen detection: Cryptosporidium parvum, Giardia lamblia, and Entamoeba histolytica.		
Rounds	JAN, FEB, MAR, APR, **MAY**, JUN, JUL, AUG, SEP, OCT, **NOV**, DEC		
Accreditation	Not accredited	**Results/set**	3

Macroscopic findings in parasitology

Target: Laboratoriot

5477 Macroscopic findings in parasitology			
Samples	4 cases, 4-8 digital images. Brief case histories also given.		
Examinations	Helminth identification, insect larva identification, ectoparasite identification. Interpretation of digital images.		
Add. info	Ectoparasites and endoparasites (such as arthropods, larvae, helminths, or their fragments), or structures or organisms suspected of being parasitic. The material may also include microscope images of small multicellular organisms or detailed parasite sturctures.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Malaria, antigen and nucleic acid detection

Target: Laboratories and POCT

5430 Malaria, antigen and nucleic acid detection			
Samples	3 whole blood samples. The scheme contains primarily Plasmodium falciparum positive and negative samples, occasionally other Plasmodium species are included.		
Examinations	Antigen and nucleic acid detection. Target antigens: HRP2 and/or pLDH and/or aldolase.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5431 Malaria, antigen and nucleic acid detection, extra set of samples	
Samples	3 whole blood samples
Add. info	Only in connection with scheme 5430
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC

Parasites in blood

Target: Laboratories

5460 Parasites in blood, Giemsa stain			
Samples	2 methanol fixed or Giemsa stained smears. Brief case histories are also given.		
Examinations	Screening and identification of malaria plasmodia and other blood parasites.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5461 Parasites in blood, MGG stain

Samples	2 methanol fixed or May-Grünwald-Giemsa stained smears. Brief case histories are also given.		
Examinations	Screening and identification of malaria plasmodia and other blood parasites.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5462 Malaria screening, Giemsa stain

Samples	2 methanol fixed or Giemsa stained smears. Brief case histories are also given.		
Examinations	Preliminary screening of malaria plasmodia		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5463 Malaria screening, MGG stain

Samples	2 methanol fixed or May-Grünwald-Giemsa stained smears. Brief case histories are also given.		
Examinations	Preliminary screening of malaria plasmodia		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Parasites in faeces

Target: Laboratories

5440 Parasites in faeces

Samples	3 stool samples in formalin. Brief case histories also given.		
Examinations	Screening and identification of intestinal parasites (ova and parasites).		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Parasites in faeces, virtual microscopy

Target: Laboratories

5450 Parasites in faeces, virtual microscopy			
Samples	Virtual whole slide images of stool samples in formalin prepared by using a scanner microscope. Brief case histories also given.		
Examinations	Screening and identification of intestinal parasites (ova and parasites).		
Rounds	JAN, FEB, MAR, **APR**, MAY, JUN, JUL, AUG, SEP, **OCT**, NOV, DEC		
Accreditation	Not accredited	**Results/set**	5

Toxoplasma antibodies

Target: Laboratories

5420 Toxoplasma, antibodies			
Samples	3 human single donor plasma or serum samples, 0.7 mL. Brief case histories also given.		
Examinations	Toxoplasma IgG, IgM and total antibodies, IgG avidity, post-analytical clinical interpretation		
Rounds	JAN, **FEB**, MAR, APR, **MAY**, JUN, JUL, **AUG**, SEP, OCT, **NOV**, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Trichomonas vaginalis, detection

Target: Laboratories and POCT

5473 Trichomonas vaginalis, detection			
Samples	2 simulated samples		
Examinations	Detection of Trichomonas vaginalis antigen and nucleic acid (NAT)		
Add. info	The samples contain hDNA.		
Rounds	JAN, **FEB**, MAR, **APR**, MAY, JUN, JUL, **AUG**, SEP, **OCT**, NOV, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Virology

CMV and EBV, nucleic acid detection, quantitative

Target: Laboratories

5651 CMV and EBV, nucleic acid detection, quantitative			
Samples	5 simulated samples		
Examinations	CMV and EBV NAT		
Add. info	Quantitative result processing		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Cytomegalovirus, antibodies

Target: Laboratories

5650 Cytomegalovirus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.7 mL		
Examinations	Cytomegalovirus IgG, IgM and total antibodies, IgG avidity and post-analytical clinical interpretation.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Dengue virus, antibodies and antigen detection

Target: Laboratories and POCT

5635 Dengue virus, antibodies and antigen detection			
Samples	3 human single donor plasma or serum samples, 0.5 mL. Occasionally simulated samples		
Examinations	Dengue virus IgG and IgM antibodies, Dengue virus antigen (NS1) and post-analytical clinical interpretation.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

EBV mononucleosis

Target: Laboratories

5641 EBV mononucleosis, specific antibodies			
Samples	3 human single donor plasma or serum samples, 1.4 mL		
Examinations	EBNA AbG, EBV VCA AbG, EBV VCA AbM, IgG Avidity and post-analytical clinical interpretation		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

EBV mononucleosis, POCT

Target: Laboratories and POCT

5640 EBV mononucleosis, POCT			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	MonAb		
Add. info	For clinical laboratories and POCT sites.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

HBsAg and HCVAb, POCT

Target: POCT

5687 HBsAg and HCVAb, POCT			
Samples	3 human plasma or serum samples, 0.5 mL		
Examinations	HBsAg and HCVAb POCT		
Add. info	This scheme is only for POCT users. Scheme 5094-5096 is for clinical laboratories.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

HCV RNA from capillary blood, POCT

Target: POCT

5689 HCV RNA from capillary blood, POCT			
Samples	2 lyophilised or simulated liquid samples		
Examinations	HCV NAT (RNA)		
Add. info	The product is only for units using point-of-care testing methods. Please see product 5678 for other methods.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Hepatitis A, antibodies

Target: Laboratories and POCT

5092 Hepatitis A, antibodies			
Samples	3 human single donor plasma or serum samples, 0.6 mL		
Examinations	HAVAb, HAVAbG, HAVAbM, post-analytical clinical interpretation.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Hepatitis B and C, serology

Target: Laboratories

5094 Hepatitis B and C, serology, specimen volume 0.6 mL			
Samples	3 human single donor plasma or serum samples, 0.6 / 1.2 / 2 mL. Choose the sample volume according to your test selection.		
Examinations	HBsAg, HBsAgCt, HBcAb, HBcAbM, HBeAg, HBeAb, HBsAb (qual), HCVAb, HCVAbCt, post-analytical clinical interpretation.		
Add. info	For clinical laboratories. Scheme 5687 is for POCT users.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5095 Hepatitis B and C, serology, specimen volume 1.2 mL			
Samples	3 human single donor plasma or serum samples, 0.6 / 1.2 / 2 mL. Choose the sample volume according to your test selection.		
Examinations	HBsAg, HBsAgCt, HBcAb, HBcAbM, HBeAg, HBeAb, HBsAb (qual), HCVAb, HCVAbCt, post-analytical clinical interpretation.		
Add. info	For clinical laboratories. Scheme 5687 is for POCT users.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

5096 Hepatitis B and C serology, specimen volume 2.0 mL			
Samples	3 human single donor plasma or serum samples, 0.6 / 1.2 / 2 mL. Choose the sample volume according to your test selection.		
Examinations	HBsAg, HBsAgCt, HBcAb, HBcAbM, HBeAg, HBeAb, HBsAb (qual), HCVAb, HCVAbCt, post-analytical clinical interpretation.		
Add. info	For clinical laboratories. Scheme 5687 is for POCT users.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Hepatitis B virus, nucleic acid detection (DNA)

Target: Laboratories

5679 Hepatitis B virus, nucleic acid dection (DNA)			
Samples	3 lyophilised or liquid plasma samples, 1.5 mL		
Examinations	HBV DNA, quantitative and/or qualitative nucleic acid detection		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Hepatitis B, s-antigen antibodies

Target: Laboratories

5093 Hepatitis B, s-antigen antibodies, quantitative			
Samples	2 human single donor plasma or serum samples, 0.5 mL		
Examinations	HBsAb (anti-HBs), quantitative		
Rounds	**JAN** FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Hepatitis C virus, nucleic acid detection (RNA)

Target: Laboratories

5678 Hepatitis C virus, nucleic acid dection (RNA)			
Samples	3 lyophilised or liquid plasma samples, 1.5 mL		
Examinations	HCV RNA, quantitative and/or qualitative nucleic acid detection		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Hepatitis E, antibodies

Target: Laboratories and POCT

5682 Hepatitis E, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	HEVAb, HEVAbG, HEVAbM, post-analytical clinical interpretation.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Herpes simplex 1 and 2, antibodies

Target: Laboratories

5555 Herpes simplex 1 and 2, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL. Occasionally simulated samples.		
Examinations	HSV IgG (qualitative/quantitative), HSV IgM, HSV-1 IgG, HSV-2 IgG		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

HIV, nucleic acid detection (RNA)

Target: Laboratories

5680 HIV, nucleic acid dection (RNA)			
Samples	3 lyophilised or liquid plasma samples, 1.5 mL		
Examinations	HIV RNA, quantitative and/or qualitative nucleic acid detection		
Rounds	JAN FEB **MAR** APR **MAY** JUN JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

HIV, antibodies and antigen detection

Target: Laboratories

5088 HIV, antibodies and antigen detection, extra set of samples

Samples	3 liquid or lyophilized plasma or serum samples, 0.7 mL
Add. info	Only in connection with scheme 5091.
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC

5091 HIV, antibodies and antigen detection

Samples	3 liquid or lyophilized plasma or serum samples, 0.7 mL		
Examinations	HIVAb (1/2), HIVAgAb (combo), HIVAg (p24), HIVAb confirmatory test, post-analytical clinical interpretation.		
Add. info	The round may contain HIV-1 or HIV-2 positive samples.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

HIV, antibodies and antigen detection, POCT

Target: POCT

5090 HIV, antibodies and antigen detection, POCT

Samples	3 human plasma or serum samples, 0.5 mL		
Examinations	HIVAb, HIVAg (p24) POCT		
Add. info	This scheme is only for POCT users. Scheme 5091 is for clinical laboratories.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

HSV1&2/VZV/Treponema pallidum, nucleic acid detection

Target: Laboratories

5556 HSV1&2/VZV/Treponema pallidum, nucleic acid detection

Samples	3 samples simulating swab samples taken from lesions.		
Examinations	Nucleic acid detection of HSV1, HSV2, VZV, Treponema pallidum.		
Add. info	The samples contain hDNA.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

HTLV, antibodies

Target: Laboratories and POCT

5089 Human T-cell lymphotropic virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	HTLVAb screening and confirmatory tests, post-analytical clinical interpretation.		
Add. info	The round may contain HTLV-1 or HTLV-2 positive samples.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Human papillomavirus, nucleic acid detection

Target: Laboratories

5086 Human papillomavirus, nucleic acid detection			
Samples	2 simulated samples, 1 mL		
Examinations	High-risk human papillomavirus NAT (hrHPVNAT). HPV genotypes included are: 16, 18, 31, 33, 39, 45, 51, 52, 66, 67.		
Add. info	Suitable for nucleic acid methods used in cervical cancer screening. The samples contain hDNA.		
Rounds	**JAN** FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Influenza virus A+B and RS virus, nucleic acid detection

Target: Laboratories and POCT

5670 Influenza virus A+B and RS virus, nucleic acid detection			
Samples	3 simulated samples, 1 mL		
Examinations	InfANAT, InfBNAT, RSVNAT		
Add. info	See also scheme 5300 Respiratory infections multiplex, nucleic acid detection or 5562 Multiple respiratory virus, nucleic acid detection. The samples contain hDNA.		
Rounds	**JAN** FEB MAR APR MAY JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. The qualitative analysis phase is accredited.	**Results/set**	3

Influenza virus A+B, antigen detection

Target: Laboratories and POCT

5671 Influenza virus A+B, antigen detection			
Samples	3 simulated samples		
Examinations	InfAAg, InfBAg		
Add. info	For clinical laboratories and POCT sites. The product is intended for antigen detection methods only.		
Rounds	JAN **FEB** MAR APR MAY JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Measles virus, antibodies

Target: Laboratories

5668 Measles virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	Measles virus IgG and IgM antibodies and post-analytical clinical interpretation.		
Rounds	**JAN** FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Mpox, nucleic acid detection

Target: Laboratories

5683 Mpox, nucleic acid detection			
Samples	2 swab samples simulating patient samples from lesions.		
Examinations	Mpox NAT.		
Add. info	The samples contain hDNA.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Multiple respiratory virus, antigen detection

Target: Laboratories and POCT

5559 Multiple respiratory virus, antigen detection			
Samples	3 simulated swab samples		
Examinations	Influenza A, Influenza B, RSV, SARS-CoV-2 and Adenovirus Ag		
Add. info	This scheme is only for antigen detection methods. Scheme 5562 is for nucleic acid detection.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Multiple respiratory virus, nucleic acid detection

Target: Laboratories and POCT

5562 Multiple respiratory virus, nucleic acid detection			
Samples	3 simulated swab samples		
Examinations	Influenza A NAT, Influenza B NAT, RSV NAT and SARS-CoV-2 NAT		
Add. info	Scheme is not suitable for TMA methods (e.g. Hologic Aptima SARS-CoV-2 Assay). The samples contain hDNA.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. The qualitative analysis phase is accredited.	**Results/set**	3

Mumps virus, antibodies

Target: Laboratories

5669 Mumps virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	Mumps virus IgG and IgM antibodies and post-analytical clinical interpretation.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Norovirus, antigen detection

Target: Laboratories and POCT

5686 Norovirus, antigen detection			
Samples	3 simulated swab samples		
Examinations	Norovirus antigen detection, genogroups GI and GII		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Norovirus, nucleic acid detection

Target: Laboratories

5675 Norovirus, nucleic acid detection			
Samples	3 simulated samples, 1 mL		
Examinations	Norovirus NAT, genogroups GI and GII.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Parvovirus (B19), antibodies

Target: Laboratories

5660 Parvovirus (B19), antibodies			
Samples	3 human single donor plasma or serum samples, 0.4 mL		
Examinations	Parvovirus IgG, IgM, IgG avidity and post-analytical clinical interpretation.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Puumala virus, antibodies

Target: Laboratories and POCT

5560 Puumala virus, antibodies			
Samples	3 plasma or serum samples, 0.3 mL. Brief case histories are also provided.		
Examinations	Puumala virus IgG, IgM, POC tests and specific antibodies, IgG avidity and post-analytical clinical interpretation.		
Add. info	For clinical laboratories and POCT sites.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Respiratory adenovirus, antigen detection

Target: Laboratories and POCT

5673 Respiratory adenovirus, antigen detection			
Samples	3 simulated samples, 1 mL		
Examinations	Adenovirus Ag		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Rotavirus and adenovirus, antigen detection

Target: Laboratories

5098 Rotavirus and adenovirus, antigen detection			
Samples	3 simulated samples, 1 mL		
Examinations	Rotavirus and adenovirus antigen detection.		
Rounds	JAN FEB **MAR** APR MAY **JUN** JUL AUG **SEP** OCT NOV **DEC**		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

RS virus, antigen detection

Target: Laboratories and POCT

5672 RS virus, antigen detection			
Samples	3 simulated samples		
Examinations	RSVAg		
Add. info	For clinical laboratories and POCT sites. The product is intended for antigen detection methods only.		
Rounds	JAN **FEB** MAR APR MAY JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Rubella virus, antibodies

Target: Laboratories

5667 Rubella virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	Rubella virus IgG and IgM antibodies, IgG avidity and post-analytical clinical interpretation.		
Rounds	**JAN** FEB MAR **APR** MAY JUN **JUL** AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

SARS-CoV-2, antigen detection

Target: Laboratories and POCT

5681 SARS-CoV-2, antigen detection			
Samples	3 simulated samples		
Examinations	SARS-CoV-2 Ag		
Add. info	This scheme is only for antigen detection methods.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

SARS-CoV-2, nucleic acid detection

Target: Laboratories and POCT

5676 SARS-CoV-2, nucleic acid detection			
Samples	3 simulated samples		
Examinations	SARS-CoV-2 NAT		
Add. info	Including variants. Scheme is not suitable for TMA methods (e.g. Hologic Aptima SARS-CoV-2 Assay). The samples contain hDNA.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02. The qualitative analysis phase is accredited.	**Results/set**	3

Tick-borne encephalitis virus, antibodies

Target: Laboratories and POCT

5099 Tick-borne encephalitis virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	TBE IgG, IgM, total antibodies and post-analytical clinical interpretation.		
Add. info	For clinical laboratories and POCT sites.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

Varicella-zoster virus, antibodies

Target: Laboratories

5665 Varicella-zoster virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	Varicella zoster IgG, IgM, total antibodies and post-analytical clinical interpretation.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	3

West Nile virus, antibodies

Target: Laboratories

5688 West Nile virus, antibodies			
Samples	3 human single donor plasma or serum samples, 0.5 mL		
Examinations	West Nile Virus IgG, IgM and total antibodies		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	3

Clinical oncology

Oncology

HPV-related head and neck cancer control

Target: Laboratories

6800 HPV-related head and neck cancer control: HPV-NAT + IHC p16			
Samples	2 cell-derived samples each including one paraffin section on a slide for IHC p16 and paraffin scrolls in a vial for NAT.		
Examinations	Slide: IHC p16 staining and interpretation. Scrolls: HPV nucleic acid detection and genotyping.		
Add. info	p16 IHC staining to be performed on slides and HPV NAT to be perfomed on scrolls in vials.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

6801 HPV-related head and neck cancer control: HPV-NAT			
Samples	2 cell-derived samples each including paraffin scrolls in a vial for NAT.		
Examinations	HPV nucleic acid detection and genotyping.		
Add. info	HPV NAT to be performed on paraffin scrolls. Please see full product 6800 in the Oncology section.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

6802 HPV-related head and neck cancer control: IHC p16			
Samples	2 cell-derived samples each including one paraffin section on a slide for IHC p16		
Examinations	IHC p16 staining and interpretation.		
Add. info	p16 IHC staining to be performed on slides. Please see full product 6800 in the Oncology section.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

NGS in clinical oncology

Target: Laboratories

6810 NGS in clinical oncology, Pan cancer

Samples	1 DNA sample as a FFPE scroll in a vial.		
Examinations	TBD		
Add. info	Results should be reported according to the given genes and according to the laboratory's panel selection		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

6811 NGS in clinical oncology, Breast cancer

Samples	1 DNA sample as a FFPE scroll in a vial.		
Examinations	TBD		
Add. info	Results should be reported according to the given genes.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

6812 NGS in clinical oncology, Colonrectal cancer

Samples	1 DNA sample as a FFPE scroll in a vial.		
Examinations	TBD		
Add. info	Results should be reported according to the given genes.		
Rounds	JAN FEB MAR APR MAY **JUN** JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

6813 NGS in clinical oncology, Lung cancer

Samples	1 DNA sample as a FFPE scroll in a vial.		
Examinations	TBD		
Add. info	Results should be reported according to the given genes.		
Rounds	JAN FEB MAR APR MAY **JUN** JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Clinical pathology

Seven high quality schemes are available for pathology laboratories. With changing topics in the rounds, both routine and more advanced needs are covered. The challenges are realistic and include also less commonly encountered clinically relevant cases. In the cytology and histopathology schemes, virtual microscopy is used. With this technology, viewing of several fields of vision and levels of focus are enabled on a computer screen simulating analysis with an optical microscope. Please see the new scheme for HPV-related head and neck cancer under Others >> Oncology.

Pathology, diagnostics

Clinical cytology - Gynaecological cytology (liquid based), virtual microscopy

Target: Laboratories

6701 Gynaecological cytology (liquid based), virtual microscopy			
Samples	Virtual images of at least 5 Papanicolaou stained slides of liquid based pap samples (ThinPrep). Diagnostics of cellular atypias in samples taken from gynaecological loci is assessed. Brief case histories and instructions are provided.		
Examinations	Observations and diagnoses.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	5

Clinical cytology - Gynaecological cytology (smear), virtual microscopy

Target: Laboratories

6700 Gynaecological cytology (smear), virtual microscopy			
Samples	Virtual images of at least 5 Papanicolaou stained slides of conventional pap smear samples. The samples are selected from routine cytological material. Diagnostics of cellular atypias in samples taken from gynaecological loci is assessed. Brief case histories and instructions are provided.		
Examinations	Observations and diagnoses.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	5

Clinical cytology - Non-gynaecological cytology, virtual microscopy

Target: Laboratories

6702 Non-gynaecological cytology, virtual microscopy			
Samples	Virtual images of Papanicolaou stained slides of nongynaecological cytosentrifuge or smear preparations or May-Grünwald- Giemsa stained smears. Images of at least 5 cases from representative loci. Brief case histories and instructions are provided.		
Examinations	Observations and diagnoses.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	5

Histopathology, virtual microscopy

Target: Laboratories

6542 Histopathology, virtual microscopy			
Samples	Virtual images of at least 5 slides of miscellaneous tissue. Brief case histories and instructions are provided.		
Examinations	Topics: 1.2027 General Pathology 2.2027 Soft Tissue.		
Add. info	Topics may vary annually.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	5

Pathology, technology

Histological staining techniques

Target: Laboratories

6543 Histological staining techniques			
Samples	Unstained paraffin embedded tissue from different tissue blocks or from one multiblock.		
Examinations	Topics 2027: 1/2027 Ziehl-Nielsen/AFB, PAS 2/2027 HE, Gram. Examinations: Staining of the slides. A set of stained slides is returned to Labquality for evaluation by an expert board.		
Add. info	Stains vary annually.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Immunohistochemical staining methods

Target: Laboratories

6600 Immunohistochemical staining methods			
Samples	Unstained paraffin embedded tissue from different tissue blocks or from one multiblock.		
Examinations	Topics 2027: 1/2027 PMS2, MLH1, MSH2, MSH6 2/2027 ER, PR, HER2 3/2027 BRAF V600E, Prame, Melan-A/MART-1. Examinations: Staining of the slides. A set of stained slides is returned to Labquality for evaluation by an expert board.		
Add. info	Stains vary annually.		
Rounds	JAN, FEB, **MAR**, APR, MAY, JUN, JUL, AUG, **SEP**, OCT, **NOV**, DEC		
Accreditation	SFS-EN ISO/IEC 17043:2023, FINAS, PT02	**Results/set**	1

Clinical physiology

Physiology

ECG interpretation

Target: Laboratories and POCT

7130 ECG interpretation			
Samples	3		
Examinations	Technical quality and findings, clinical interpretation		
Add. info	Scheme is designed for personnel in laboratories and POCT units as well as nurses and general practitioners. Participants are evaluated on their responses on technical quality, findings or both if given.		
Rounds	JAN, FEB, MAR, **APR**, MAY, JUN, JUL, AUG, SEP, **OCT**, NOV, DEC		
Accreditation	Not accredited	**Results/set**	1

Laboratory instruments

Instruments

ELISA readers

Target: Laboratories

8814 ELISA reader photometry control (DEKS)			
Samples	An ELISA-plate with built-in gray glass filters.		
Examinations	Control for the absorbance scale in ELISA reader.		
Add. info	Organized in cooperation with DEKS. Absorbance traceable to NIST Control of the absorbance scale of ELISA readers. The Test Plate is forwarded among the participants and the circulation starts in January. An annual subscription must be made by the end of previous year.		
Rounds	**JAN** FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	1

Pipette control

Target: Laboratories

8205 Pipette control			
Samples	2 liquid samples		
Examinations	100 - 1000 µL of the liquid samples shall be weighed by the participant, the result is reported in mg with a precision of two decimal places.		
Add. info	Up to 5 single-channel pipettes can be controlled. A calibrated laboratory scale with 0.01 mg resolution is required. This EQA scheme does not replace standardized pipette calibration, it does not fulfil the accreditation requirements for pipette calibration.		
Rounds	JAN **FEB** MAR APR MAY JUN JUL **AUG** SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	5

Pre- and post-analytics

Preanalytics

The preanalytical schemes provide laboratories and POCT sites with tools for extending quality assurance beyond the commonly assessed analytical phase. As a result of the improved analytical quality, most errors have been suggested to now occur in the preanalytical phase. Managing all phases of the total testing cycle is equally important to ensure patient safety.

HIL-index [DEKS]

Target: Laboratories and POCT

8817 HIL- index and interference (DEKS)			
Samples	2 serum samples, 2 mL each		
Examinations	Round focus is etiher hemolysis, icterus or lipemia. Selected components are analyzed, the index is listed if possible and a potential comment of the result.		
Add. info	Organized in cooperation with DEKS. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	JAN **FEB** MAR APR **MAY** JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	DS/EN ISO/IEC 17043:2023 (DANAK 591)	**Results/set**	5

8818 HIL-index (DEKS)			
Samples	3 samples		
Examinations	In the 3 index-targeted rounds the focus is on both hemolysis, icterus and lipemia, and only the 3 indices are analyzed.		
Add. info	Only available if you participate in program 8817. Organized in cooperation with DEKS. An annual subscription must be made by the end of the previous year. The subscription requires participation in all rounds.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL **AUG** SEP OCT **NOV** DEC		
Accreditation	DS/EN ISO/IEC 17043:2023 (DANAK 591)	**Results/set**	5

Preanalytics and process in anatomic pathology

Target: Laboratories

7806 Preanalytics and process in anatomic pathology			
Samples	3-5 cases with preanalytical and process error(s)		
Examinations	Participants are asked to find preanalytical and process error(s) in the cases.		
Add. info	The scheme is intended for all laboratory staff of pathology laboratories. Scheme is carried out online.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP OCT **NOV** DEC		
Accreditation	Not accredited	**Results/set**	5

Preanalytics, clinical chemistry

Target: Laboratories

7800 Preanalytics, clinical chemistry			
Samples	3 cases with preanalytical error(s).		
Examinations	Laboratories are asked to find preanalytical error(s) in the cases.		
Add. info	The scheme is intended for clinical chemistry laboratories. Scheme is carried out online.		
Rounds	JAN **FEB** MAR APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	5

Preanalytics, extended specimen collection

Target: Laboratories and POCT

7808 Preanalytics, extended specimen collection			
Samples	3 cases with preanalytical error(s). Topics: 1,2027 Gynecological sampling , Spirometry, collection of sputum and/or saliva samples 2,2027 ECG, collection of stool and/or nasal cell samples		
Examinations	Participants are asked to find preanalytical error(s) in the cases.		
Add. info	The scheme is intended for clinical chemistry laboratories. Scheme is carried out online.		
Rounds	JAN FEB MAR APR **MAY** JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Preanalytics, microbiology

Target: Laboratories

7802 Preanalytics, microbiology			
Samples	3 cases with preanalytical error(s).		
Examinations	Participants are asked to find preanalytical error(s) in the cases.		
Add. info	The scheme is intended for all laboratory staff of clinical microbiology laboratories. Scheme is carried out online.		
Rounds	JAN FEB MAR **APR** MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	5

Preanalytics, Pneumatic Sample Transport

Target: Laboratories and hospitals with pneumatic sample transportation systems

7807 Preanalytics, Pneumatic Sample Transport			
Samples	Two surrogate blood vials (i.e. measurement devices for recording 3-axis acceleration during pneumatic tube system transport (PTS).		
Examinations	Vials are sent through the PTS as regular blood samples, no laboratory analysis is performed. Rejection probability of LDH, ASAT and K will be calculated using the cumulative vibration level, laboratory defined anayte-specific hemolysis cutoffs, and a hemolysis model.		
Add. info	Vials are sent to the participating laboratories during SeptemberOctober. Laboratories are asked to perform the recordings within one week upon receiving the vials and to return the vials using a courier (shipping costs not included). It is possible to measure 3 different lines from the same PTS manufacturer.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG **SEP** OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	3

Preanalytics, POCT in chemistry

Target: Laboratories and POCT

7804 Preanalytics, POCT in chemistry			
Samples	3 cases with preanalytical error(s).		
Examinations	Participants are asked to find preanalytical error(s) in the cases.		
Add. info	The scheme is intended for personnel using POCT tests and devices. Scheme is carried out online.		
Rounds	JAN FEB MAR APR MAY JUN JUL AUG SEP **OCT** NOV DEC		
Accreditation	Not accredited	**Results/set**	5

Preanalytics, urine and blood sample collection

Target: Laboratories and POCT

7801 Preanalytics, urine and blood sample collection			
Samples	3 cases with preanalytical error(s)		
Examinations	Participants are asked to find preanalytical error(s) in the cases.		
Add. info	The scheme is intended for personnel performing blood and urine sample collection. Scheme is carried out online.		
Rounds	JAN FEB **MAR** APR MAY JUN JUL AUG SEP OCT NOV DEC		
Accreditation	Not accredited	**Results/set**	5

Noklus Patient Median (NOPAM)

From 1 June, 2024, Noklus started the operation of NOPAM, a more user-friendly and improved version of the "percentile and flagger" program. Participants previously enrolled in the "percentile and flagger" program were automatically transferred to NOPAM. From the same date, new participants were able to register.

What is NOPAM?

NOPAM is a program for internal and external quality assessment based on patient results, offered by Noklus to medical laboratories worldwide. Laboratories participating in the program regularly send a standardized report containing the patient median and percentage of patient results above and below the laboratory's own reference limits. The report also includes the number of results used to calculate the various parameters. Results are calculated per instrument. Preferably, data is calculated from patient results for the out-patient population. It is possible to participate only with patient medians. Upon initial registration and whenever changes occur, the following information is recorded; contact information for the laboratory, country, patient population, sample material, sampling conditions, methods, instrument information (supplier, model, and type) and factors for factorization of analytes. The reagent lot number can either be included in the results report or entered manually by the laboratory. If the lot number is registered manually, it is sufficient to register when the lot changes.

How to use the results?

NOPAM can be a valuable tool to monitor analytical quality. The program can reveal important differences between different instrument types and methods, as well as monitor the progress of harmonization and standardization efforts. Participants can compare their own results with other comparable groups and compare different method groups. They can also compare their own results for all their own instruments, in case a bias is introduced, the laboratories monitor how the proportion of results above and below reference limits shifts. Results are presented in box plots or as a trend line with time on the x-axis.

What do you have to do to participate in NOPAM?

Laboratories that wish to participate must contact Noklus, who will send a protocol describing how results are reported.

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Analytes included in the program

25-Hydroxyvitamin D
Albumin
ALP
ALT
AST
Bilirubin (total)
BUN
Ca
Cholesterol
Cl
Creatinine
CRP
Ferritin
Folate (B9)
FT4
GGT
Glucose
Hb
HbA1c
HDL-cholesterol
IgA
IgG
IgM
K
LDL-cholesterol
LDH
MCV
Mg
Na
Phosphate
PLT
Protein (total)
PSA
PTH
RBC
Triglycerides
TSH
Urea
Uric acid
Vitamin B12
WBC

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