

Products according to ISO 17043

**Clinical haematology**
**Coagulation**

Product nr	Product name	Examinations
4330	Activated partial thromboplastin time, INR and fibrinogen	Coagulation time in seconds, fibrinogen, INR
4387	Anticoagulants: LMW-Heparin/antiFXa	LMW-heparin/antiFXa
4388	D-dimer	D-Dimer
4335	INR, CoaguChek, POCT	Prothrombin time in INR unit
4337	INR, EuroLyzer, POCT	Prothrombin time in INR unit
4338	INR, MicroINR, LumiraDX, CoagSense, POCT	Prothrombin time in INR unit
4340	INR, LabPad, POCT	Prothrombin time in INR unit
4300	Prothrombin time	Prothrombin time, PT%
4386	Special coagulation	Thrombin time, Antithrombin, Factor VIII, Protein C, Protein S

**Cell count and cell morphology**

Product nr	Product name	Examinations
4100	Basic blood count, 1-level sample	Hb, HCT, MCH, MCHC, MCV, PLT, RBC, RDW (red cell distribution width), WBC, cumulative patient means of MCH, MCHC, MCV
4110	Basic blood count, 2-level samples	Hb, HCT, MCH, MCHC, MCV, PLT, RBC, RDW (red cell distribution width), WBC, cumulative patient means of MCH, MCHC, MCV
4200	Leucocyte differential count, 3-part, automated: ABX, Advia, Cell-Dyn, Coulter, Nihon Kohden, Mindray	Absolute numbers of leucocytes, lymphocytes, mononuclear cells and granulocytes
4201	Leucocyte differential count, 3-part, automated: Sysmex	Absolute numbers of leucocytes, lymphocytes, mononuclear cells and granulocytes
4238	Leucocyte differential count, 5-part, automated: Abacus 5	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4234	Leucocyte differential count, 5-part, automated: ABX Pentra	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4231	Leucocyte differential count, 5-part, automated: Cell-Dyn	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4232	Leucocyte differential count, 5-part, automated: Coulter	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4235	Leucocyte differential count, 5-part, automated: Coulter ACT5-diff	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4236	Leucocyte differential count, 5-part, automated: Mindray	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4237	Leucocyte differential count, 5-part, automated: Nikon Kohden	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4233	Leucocyte differential count, 5-part, automated: Sysmex	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4230	Leucocyte differential count, 5-part, automated: Siemens Advia	Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes
4154	Reticulocyte count, automated: ABX Pentra	Reticulocyte count
4155	Reticulocyte count, automated: Cell Dyn 3200, 3500, 3700, Ruby	Reticulocyte count
4151	Reticulocyte count, automated: Cell-Dyn 4000, Sapphire	Reticulocyte count
4152	Reticulocyte count, automated: Coulter Gens, LH750	Reticulocyte count
4150	Reticulocyte count, automated: Siemens Advia	Reticulocyte count
4153	Reticulocyte count, automated: Sysmex	Reticulocyte count
4140	Reticulocyte count, manual methods	Reticulocyte count

**Blood transfusion serology**

Product nr	Product name	Examinations
4420	ABO and Rh grouping	ABO & Rh reaction strengths and interpretation
4460	Antibody screening and compatibility testing	Reaction strengths and interpretation
4440	Antiglobulin test, direct	Reaction strengths and interpretation

**Clinical immunology**
**Immunology, diagnostics**

Product nr	Product name	Examinations
5940	Coeliac disease, antibodies (only the analysis phase is accredited)	Endomysium antibodies, tissue transglutaminase antibodies, deamidated gliadin peptide antibodies, total IgA
5820	Rheumatoid factor and citrullin peptide antibodies	Qualitative and quantitative RF, CCPAb
5920	Thyroid gland antibodies	Thyroglobulin antibodies and thyroid peroxidase antibodies
5938	Autoimmune diagnostics, IFA interpretation	Interpretation

**Clinical chemistry**
**Diabetes analysis**

Product nr	Product name	Examinations
2570	Glucose meters 1: all except Contour, HemoCue and On Call Plus	Glucose
2580	Glucose meters 2: HemoCue	Glucose
2590	Glucose meters 3: Contour	Glucose
1260	Haemoglobin A1c, fresh liquid samples	HbA1c
1262	Haemoglobin A1c, fresh liquid samples, POCT	HbA1c
1261	Haemoglobin A1c, liquid samples (not suitable for Afinion instrument)	HbA1c
1263	Haemoglobin A1c, liquid samples, POCT	HbA1c

**Special chemistry**

Product nr	Product name	Examinations
2511	Alcohol in blood: Ethanol+Methanol +Isopropanol in serum	Ethanol, methanol, isopropanol
2510	Alcohol in blood: Ethanol+Methanol +Isopropanol in whole blood	Ethanol, methanol, isopropanol
2517	Alcohol in blood: Ethylene glycol in serum	Ethylene glycol
2516	Alcohol in blood: Ethylene glycol in whole blood	Ethylene glycol
2105	Ammonium ion	Ammonium ion
2210	Angiotensin convertase (ACE)	ACE
2109	Bilirubin, conjugated	Total bilirubin, conjugated bilirubin
2410	Therapeutic drugs (only the analysis phase is accredited)	Amikasin, amitriptyline, carbamazepine, carbamazepine free, cyclosporine, digoxin, disopyramide, ethosuximide, flecainide, gentamycin, lidocaine, lithium, methotrexate, NAPA, netilmycin, nortriptyline, paracetamol (acetaminophen), phenobarbital, phenytoin, phenytoin free, primidone, procainamide, quinidine, salicylate, theophylline, tobramycin, tricyclics, valproic acid, valproic acid free, vancomycin

**Endocrinology**

Product nr	Product name	Examinations
2300S	Hormones A, limited selection of analytes (only the analysis phase is accredited)	Ferritin, folate, hCG (total, intact), T3, free T3, T4, free T4, TSH, vitamin B12, active vitamin B-12
2300	Hormones A: Basic analytes of hormone and immunochemistry (only the analysis phase is accredited)	Ferritin, folate, hCG (total, intact), T3, free T3, T4, free T4, TSH, vitamin B12, active vitamin B-12
2301S	Hormones B, limited selection of analytes (only the analysis phase is accredited)	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
2301	Hormones B: Steroids and peptide hormones (only the analysis phase is accredited)	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
2460	Hypothyreosis, newborn	Free T3, T4, free T4, TSH

**Basic chemistry**

Product nr	Product name	Examinations
2730	Erythrocyte sedimentation rate	ESR
2731	Erythrocyte sedimentation rate: Alifax-analyzers; Greiner tube	ESR
2732	Erythrocyte sedimentation rate: Alifax-analyzers; Sarstedt tube	ESR
2114	Haemoglobin, 1-level POCT (only the analysis phase is accredited)	Haemoglobin

**Specific proteins**

Product nr	Product name	Examinations
2020	C-reactive protein (CRP) for analyzers	CRP
2132	C-reactive protein (CRP), POCT	CRP
2200	Lipids and lipoproteins (only the analysis phase is accredited)	Cholesterol, HDL cholesterol, LDL cholesterol, lipoprotein apo A1, lipoprotein apo A2, lipoprotein apo B, lipoprotein (a), triglycerides
2202	Lipoprotein a	Lp(a)
2280	Procalcitonin	Procalcitonin
2160	Proteins in cerebrospinal fluid	Cerebrospinal fluid: Albumin, IgG, total protein, IgG index. Serum: Albumin, IgG
2240	Proteins, electrophoresis (only the analysis phase is accredited)	Electrophoresis, contains immunofixation
2230	Proteins, immunochemical determinations (only the analysis phase is accredited)	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

**Cardiac markers**

Product nr	Product name	Examinations
1541	CRP, low concentration	CRP
2540	Myocardial markers	CK MB mass, myoglobin, quantitative troponin I, quantitative troponin T. Not for CKMB activity!
2541	Myocardial markers and CRP, low concentration	CK-MB mass, myoglobin, quantitative troponin I, quantitative troponin T and CRP, low concentration. Not for CKMB activity!

**Tumour markers**

Product nr	Product name	Examinations
2226	Prostate specific antigen	PSA, complexed PSA, free PSA, free/total PSA ratio
2700	Tumour markers	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
2700S	Tumour markers, limited selection of analytes	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, HE5

**Urine analysis**

Product nr	Product name	Examinations
3240	Albumin and creatinine in urine	Albumin, creatinine, albumin-creatinine ratio
3270	Pregnancy test	Qualitative hCG
3102	Urine Strip Tests A (LT/FR)	Glucose, ketone bodies, leukocytes, nitrite, pH, protein, blood (erythrocytes), relative density, urobilinogen
3200	Urine, identification of cells and other particles	Identification of cells and other particles
3160	Urine quantitative chemistry	Albumin, amylase, calcium, chloride, cortisol-free, creatinine, glucose, inorganic phosphate, magnesium, osmolality, pH, potassium, protein, relative density, sodium, urea, uric acid
3100	Urine strip test A	Glucose, ketone bodies, leukocytes, nitrite, pH, protein, blood (erythrocytes), relative density
3130	Urine strip test B, particle count and estimation of density	Particle count: erythrocytes and leukocytes. Estimation of density: creatinine, relative density, osmolality. Strip tests: glucose, ketone bodies, leukocytes, nitrite, pH, protein, blood (erythrocytes)

**General chemistry, short term**

Product nr	Product name	Examinations
2040	Bilirubin, neonatal	Bil, neo
1072	Serum A	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
1072S	Serum A, limited selecton of analytes	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
2050	Serum B and C (2-level) (only the analysis phase is accredited)	Alanine aminotransferase, albumin, alfa-1-antitrypsine, 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-iodo-thyronine, thyrotropin, tyroxine, free tyroxine, urea, uric acid

**General chemistry, long term**

Product nr	Product name	Examinations
1031	DayTrol, human serum	Alanine aminotransferase, albumin, alkaline phosphatase, amylase, aspartate aminotransferase, bilirubin, calcium, chloride, cholesterol, cholesterol HDL, creatine phosphokinase, creatinine, gamma glutamyltransferase, glucose, iron, lactate, lactate dehydrogenase, lithium, magnesium, osmolality, phosphorus, potassium, protein, sodium, thyreotropin, thyroxine, thyroxine free, transferrin, transferrin receptor, triglycerides, urea, uric acid
1051	HumTrol	Albumin, AmylP, Amylase, Calcium, Cholesterol, Cholesterol, high density lipoproteins, Cholesterol, low density lipoproteins, Complement C3, Complement C4, Copper, Cortisol, Creatinine, Ferritin, Glucose, Haptoglobin, IgA, Immunoglobulin G, Immunoglobulin M, Iron, Magnesium, Osmol, Protein, Selenium, Transferrin, Transferrin receptor, soluble, Triglycerides, Zinc

**Clinical microbiology**
**Bacterial serology**

Product nr	Product name	Examinations
5840	Antistreptolysin	Qualitative and quantitative ASO
5960	Borrelia burgdorferi, antibodies	B. burgdorferi IgG, IgM and total antibodies, post-analytical clinical interpretation
5620	Chlamydia pneumoniae, antibodies	C. pneumoniae IgA, IgG, IgM antibodies, post-analytical clinical interpretation
5860	Helicobacter pylori, antibodies	H. pylori IgA, IgG and total antibodies, quantitative and qualitative tests, post-analytical clinical interpretation
5880	Syphilis serology	Cardiolipin, Treponema pallidum antibodies, post-analytical clinical interpretation

**Bacteriology**

Product nr	Product name	Examinations
5100	Blood culture	Culture, identification, antimicrobial susceptibility
5101	Blood culture, screening	Culture, preliminary identification using Gram staining
5612	Chlamydia trachomatis and Neisseria gonorrhoeae nucleic acid detection	Detection of C. trachomatis and N. gonorrhoeae nucleic acid
5191	Faecal bacterial pathogens multiplex, nucleic acid detection	Direct nucleic acid detection. Pathogens included are Aeromonas, Campylobacter, E. coli EHEC (stx1/stx2), E. coli EAEC, E. coli EIEC, E. coli EPEC, E. coli ETEC, Plesiomonas, Salmonella, Shigella and Yersinia
5190	Faecal culture	Culture and direct nucleic acid detection. Pathogens included are Aeromonas, Campylobacter, Plesiomonas, Salmonella, Shigella and Yersinia
5080	General bacteriology 1, aerobes and anaerobes (only the analysis phase is accredited)	Isolation of pathogens and antimicrobial susceptibility testing
5081	General bacteriology 2, aerobes (only the analysis phase is accredited)	Isolation of pathogens and antimicrobial susceptibility testing
5041	Gram stain, blood culture	Staining and microscopy
5040	Gram stain, colonies	Staining and microscopy
5596	Helicobacter pylori, antigen detection in faeces	Antigen detection
5597	Legionella, antigen detection in urine	Legionella antigen detection
5220	Mycobacterial culture and stain	Detection of Mycobacterium tuberculosis, Mycobacterium tuberculosis complex and atypical mycobacteria: culture, direct nucleic acid detection, acid-fast staining and microscopy
5240	Mycobacterial stain	Acid-fast staining and microscopy
5221	Mykobacterial nucleic acid dection	Direct nucleic acid detection
5180	Salmonella, culture	Culture
5598	Streptococcus pneumoniae, antigen detection in urine	S. pneumoniae antigen detection
5595	Streptococcus pyogenes (Group A), antigen detection in pharyngeal sample	Antigen detection

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5593	Streptococcus pyogenes (Group A), nucleic acid detection in pharyngeal sample	Nucleic acid detection
5141	Throat streptococcal culture, screening	Culture and identification of group A, C and G streptococci
5140	Throat streptococcal culture	Culture and identification of group A, C and G streptococci
5302	Sexually transmitted diseases multiplex, nucleic acid detection	Direct multiplex nucleic acid detection. Pathogens included are C. trachomatis, M. genitalium, M. hominis, N. gonorrhoeae, T. vaginalis, U. parvum and U. urealyticum.

## Mycology

Product nr	Product name	Examinations
5260	Fungal culture	Culture and identification. Antimicrobial susceptibility testing of yeast strains

## Parasitology

Product nr	Product name	Examinations
5462	Malaria screening, Giemsa stain	Preliminary screening of malaria plasmodia
5463	Malaria screening, MGG stain	Preliminary screening of malaria plasmodia
5430	Malaria, antigen and nucleic acid detection	Antigen and nucleic acid detection. Target antigens: HRP2 and/or pLDH and/or aldolase
5460	Parasites in blood, Giemsa stain	Screening and identification of malaria plasmodia and other blood parasites
5461	Parasites in blood, MGG stain	Screening and identification of malaria plasmodia and other blood parasites
5440	Parasites in faeces	Screening and identification of intestinal parasites (ova and parasites)
5420	Toxoplasma, antibodies	Toxoplasma IgA, IgG, IgM and total antibodies, IgG avidity, post-analytical clinical interpretation

## Virology

Product nr	Product name	Examinations
5650	Cytomegalovirus, antibodies	Cytomegalovirus IgG, IgM and total antibodies, IgG avidity and post-analytical clinical interpretation
5640	EBV mononucleosis, POCT	MonAb
5641	EBV mononucleosis, specific antibodies	EBNA AbG, EBV VCA AbG, EBV VCA AbM, IgG Avidity and post-analytical clinical interpretation
5092	Hepatitis A, antibodies	HAVAb, HAVAbM, HAVAbG and post-analytical clinical interpretation
5096	Hepatitis B and C serology, specimen volume 2.0 mL	HBcAb, HBcAbM, HBeAb, HBeAg, HBsAb (qual), HBsAg, HCVAb, HCVAbCt and post-analytical clinical interpretation
5094	Hepatitis B and C, serology, specimen volume 0.6 mL	HBcAb, HBcAbM, HBeAb, HBeAg, HBsAb (qual), HBsAg, HCVAb, HCVAbCt and post-analytical clinical interpretation
5095	Hepatitis B and C, serology, specimen volume 1.2 mL	HBcAb, HBcAbM, HBeAb, HBeAg, HBsAb (qual), HBsAg, HCVAb, HCVAbCt and post-analytical clinical interpretation
5679	Hepatitis B virus, nucleic acid detection (DNA)	HBV DNA, quantitative and/or qualitative nucleic acid detection
5093	Hepatitis B, s-antigen antibodies, quantitative	HBsAb (anti-HBs), quantitative
5678	Hepatitis C virus, nucleic acid detection (RNA)	HCV RNA, quantitative and/or qualitative nucleic acid detection
5682	Hepatitis E, antibodies	Hepatitis E virus IgG and IgM antibodies, post-analytical clinical interpretation
5091	HIV, antibodies and antigen detection	HIVAgAb (combo), HIVAb, HIVAg, HIVAbCt: primary and confirmatory tests, post-analytical clinical interpretation. Positive specimens may include HIV-1 or HIV-2
5090	HIV, antibodies and antigen detection, POCT	HIVAb and HIVAgAb primary tests (POCT)
5680	HIV-1, nucleic acid detection (RNA)	HIV-1 RNA, quantitative and/or qualitative nucleic acid detection
5089	Human T-cell lymphotropic virus, antibodies	HTLVAb: primary and confirmatory tests, post-analytical clinical interpretation. Positive samples may include HTLV-1 or HTLV-2
5670	Influenza virus A+B and RS virus, nucleic acid detection	InfANAT, InfBNAT, RSVNAT
5671	Influenza virus A+B, detection	InfAAg, InfBAg
5668	Measles virus, antibodies	Measles virus IgG and IgM antibodies and post-analytical clinical interpretation
5669	Mumps virus, antibodies	Mumps virus IgG and IgM antibodies and post-analytical clinical interpretation
5660	Parvovirus (B19), antibodies	Parvovirus IgG, IgM, IgG avidity and post-analytical clinical interpretation
5098	Rotavirus and adenovirus, antigen detection	Rotavirus and adenovirus antigen detection
5672	RS virus, detection	RSVAg
5667	Rubella virus, antibodies	Rubella virus IgG and IgM antibodies, IgG avidity and post analytical clinical interpretation
5099	Tick-borne encephalitis virus, antibodies	TBE IgG, IgM, total antibodies and post-analytical clinical interpretation
5665	Varicella-zoster virus, antibodies	Varicella zoster IgG, IgM, total antibodies and post-analytical clinical interpretation
5086	Human papillomavirus, nucleic acid detection	High-risk human papillomavirus NAT, hrPVNAT
5676	SARS-CoV-2 nucleic acid detection	includes 100% of the genetic sequences of the virus and emulates real patient samples while being consistent, noninfectious, and stable. As such, it contains all possible NAT viral targets. Note! Scheme is not suitable for Hologic Panther SARS-CoV-2 assay.

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## Clinical pathology

### Diagnostics

Product nr	Product name	Examinations
6701	Gynaecological cytology (liquid based), virtual microscopy	Observations and diagnoses
6700	Gynaecological cytology (smear), virtual microscopy	Observations and diagnoses
6542	Histopathology, virtual microscopy	Observations and diagnoses
6702	Non-gynaecological cytology, virtual microscopy	Observations and diagnoses

### Technology

Product nr	Product name	Examinations
6543	Histological staining techniques	Staining of the slides. A set of stained slides is returned to Labquality for evaluation by an expert board
6600	Immunohistochemical staining methods	Staining of the slides. A set of stained slides is returned to Labquality for evaluation by an expert board
6600S	Immunohistochemical staining methods, limited selecton of antibodies	Staining of the slides. A set of stained slides is returned to Labquality for evaluation by an expert board