

VEQ 360°



Una risorsa indispensabile per confermare e migliorare la qualità di tutto il tuo laboratorio.

Catalogo 2026
LABQUALITY
per i laboratori di ematologia e coagulazione



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.

Haematology » Blood transfusion serological tests

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 4420 ABO and Rh grouping | 1 | • | | | • | | | • | | | • | |
| Specimens: 2 whole blood samples, 4 mL. Examinations: ABO & Rh reaction strengths and interpretation. | | | | | | | | | | | | |
| Notes: There is possibility to insert results for full ABO RhD group, confirmation group without using the plasma and a group for a newborn. | | | | | | | | | | | | |

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| 4460 Antibody screening and compatibility testing (Requires ordering of product 4420) | 1 | • | | | • | | | • | | | • | |
| Specimens: 2 whole blood samples (4 mL) and 4 red blood cell suspensions (3 mL). Examinations: Reaction strengths and interpretation. | | | | | | | | | | | | |

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| 4440 Antiglobulin test, direct | 1 | • | | | • | | | • | | | • | |
| Specimens: 2 red blood cell suspensions, 3 mL. Examinations: Reaction strengths and interpretation. | | | | | | | | | | | | |

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| 4480 Column agglutination methods: grading of reactions and patient cases | 3 | | | | | | | | | • | | |
| Specimens: 3-5 cases and digital images (DiaMed and Grifols cards). Examinations: Interpretation of the cases and reaction strengths of the digital images. | | | | | | | | | | | | |
| Notes: Post-analytical scheme. | | | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 8852 Titration of erythrocyte antibodies (EQUALIS) | 1 | One round per year. | | | | | | | | | | |
| Specimens: 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. | | | | | | | | | | | | |
| Notes: Organised in co-operation with Equalis. Participation in all rounds is required. Register orders before the end of December. | | | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|--|---------------------|---|---|---|---|---|---|---|----|----|----|
| 8851 Titration of ABO antibodies (EQUALIS) | 1 | One round per year. | | | | | | | | | | |
| Specimens: The test material is plasma for titration against included test erythrocytes. | | | | | | | | | | | | |
| Examinations: Anti-A (titer), Anti-B (titer). | | | | | | | | | | | | |
| | Notes: Organised in co-operation with Equalis. Participation in all rounds is required. Register orders before the end of December. | | | | | | | | | | | |

Haematology » Cell count and cell morphology

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| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 4100 Basic blood count, 1-level sample | 3 | • | • | • | • | • | • | • | • | • | • | • |
| Specimens: 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. | | | | | | | | | | | | |
| Notes: Not suitable for PixCell Medical HemoScreen analyser. | | | | | | | | | | | | |

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| 4110 Basic blood count, 2-level samples | 3 | • | • | • | • | • | • | • | • | • | • | • |
| Specimens: 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. | | | | | | | | | | | | |
| Notes: Not suitable for PixCell Medical HemoScreen analyser. | | | | | | | | | | | | |

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| 4180 Leucocyte differential count and evaluation of blood cell morphology | 3 | | | | • | | | | | • | | |
| Specimens: 2–3 patient cases as virtual slide images. | | | | | | | | | | | | |
| Examinations: Leucocyte differential count and evaluation of red blood cells. | | | | | | | | | | | | |

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| 4200, Leucocyte differential count, 3-part, 4201 automated | 3 | | • | | | • | | | • | | | • |
| Analysers specific product codes: 4200: ABX, Advia, Cell-Dyn, Coulter, Medonic, Mindray, Nihon Kohden Celltac MEK 4201: Sysmex | | | | | | | | | | | | |
| Specimens: 1 blood cell suspension, 2–4 mL. Examinations: Absolute numbers of leucocytes, lymphocytes, mononuclear cells and granulocytes. | | | | | | | | | | | | |

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| 4230- Leucocyte differential count, 5-part, 4240 automated | 3 | | • | | | • | | | • | | | • |
| Analysers specific product codes: 4230: Siemens Advia 4233: Sysmex XE, XS, XT, XN 4236: Mindray 4240: Coulter DxH 500 series 4232: Coulter 4234: ABX Pentra, Yumizen 4237: Nihon Kohden Celltac MEK | | | | | | | | | | | | |
| Specimens: 1 blood cell suspension, 2–4 mL. Examinations: Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes. Notes: More information about the suitability of the product for your device from the EQA Coordinator. | | | | | | | | | | | | |

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| 4150, 4153, Reticulocyte count, automated 4154 | 3 | | • | | | • | | | • | | | • |
| Analysers specific product codes: 4150: Siemens Advia, Beckman Coulter 4153: Sysmex 4154: ABX Pentra | | | | | | | | | | | | |
| Specimens: 2 stabilised red blood cell suspensions, 2–4 mL. Examinations: Reticulocyte count, absolute values. Notes: More information about the suitability of the product for your device from the EQA Coordinator. | | | | | | | | | | | | |

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| 4140 Reticulocyte count, manual methods | 1 | | • | | | • | | | • | | | • |
| Specimens: 1 stabilized red blood cell suspension, 2 mL. | | | | | | | | | | | | |
| Examinations: Reticulocyte count. | | | | | | | | | | | | |

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| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 4130 White blood cell count: HemoCue, POCT | 3 | | • | | | | | | • | | | |
| Specimens: 1 blood cell suspension, 2 mL. Examinations: Leucocytes. | | | | | | | | | | | | |
| Notes: The scheme is for HemoCue WBC Systems. | | | | | | | | | | | | |

Haematology » Coagulation

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 4330 Activated partial thromboplastin time, INR and fibrinogen | | ● | | | ● | | | ● | | | ● | |
| Specimens: 2 lyophilised plasma samples, 0.5–1 mL. | Examinations: APTT, fibrinogen and Prothrombin time (INR, PT% and PT in seconds). | | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 4387 Anticoagulants: LMW-Heparin/antiFXa | | ● | | | ● | | | ● | | | ● | |
| Specimens: 2 lyophilised plasma samples, 0.5–1 mL. | Examinations: LMW-heparin/antiFXa. | | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 4388 D-dimer | | ● | | | ● | | | ● | | | ● | |
| Specimens: 2 plasma samples, 0.5 mL. Examinations: D-Dimer. | Notes: For clinical laboratories and POCT sites. | | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 4389 D-dimer, extra set of samples | | ● | | | ● | | | ● | | | ● | |
| Specimens: 2 plasma samples, 0.5 mL. Examinations: D-Dimer. | Notes: Only in connection with scheme 4388. | | | | | | | | | | | |

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| 4335 INR, Coagucheck, i-STAT, Siemens Xprexia, POCT | | | | | ● | | | | | | ● | |
| Specimens: Liquid plasma sample. Examinations: Prothrombin time in INR unit. | Notes: Only for CoaguChek, i-STAT and Siemens Xprexia meters. | | | | | | | | | | | |

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| 4337 INR, EuroLyzer, POCT | | | | | ● | | | | | | ● | |
| Specimens: 1 lyophilised plasma sample. Examinations: Prothrombin time in INR unit. | Notes: Only for EuroLyzer INR meter. | | | | | | | | | | | |

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| 4340 INR, LabPad, POCT | | | | | ● | | | | | | ● | |
| Specimens: 1 lyophilised whole blood sample. Examinations: Prothrombin time in INR unit. | Notes: Only for LabPad INR meters. | | | | | | | | | | | |

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| 4338 INR, MicroINR, POCT | | | | | ● | | | | | | ● | |
| Specimens: 1 lyophilised whole blood sample. Examinations: Prothrombin time in INR unit. | Notes: Only for microINR, LumiraDX and CoagSense meters. | | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| 4300 Prothrombin time | | ● | | | ● | | | ● | | | ● | |
| Specimens: 2 lyophilised plasma samples, 0.5–1 mL. | Examinations: Prothrombin time (INR, PT% and PT in seconds). | | | | | | | | | | | |

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| 4386 Special coagulation | | ● | | | ● | | | ● | | | ● | |
| Specimens: 2 lyophilised plasma samples, 0.5–1 mL. | Examinations: Thrombin time, Antithrombin, Factor VIII, Protein C, Protein S. | | | | | | | | | | | |

EQA schemes for blood banks

Blood transfusion serology

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| 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 |

Bacterial serology

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| 5880 | Syphilis serology |
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Bacteriology

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| 5100 | Blood culture |
| 5101 | Blood culture, screening |

Virology, serological tests

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| 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

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

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

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| 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 |
| 2691 | Natriuretic peptides 2, B-type, BNP |
| 3270 | Pregnancy test |
| 2530 | Troponin I and Troponin T, detection, POCT |
| 3100 | Urine strip test A |

Haematology

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| 4388 | D-Dimer |
| 4335 | INR, CoaguChek, i-STAT and Siemens Xprecia, POCT |
| 4337 | INR, EuroLyzer, POCT |
| 4340 | INR LABPad, POCT |
| 4338 | INR, MicroINR, LumiraDX and CoagSense, POCT |
| 5430 | Malaria, antigen and nucleic acid detection |
| 4130 | White blood cell count: HemoCue, POCT |

Microbiology

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| 5635 | Dengue virus, antibodies and antigen detection |
| 5640 | EBV mononucleosis, POCT |
| 5689 | HCV RNA from capillary blood, POCT |
| 5860 | <i>Helicobacter pylori</i> , antibodies |
| 5596 | <i>Helicobacter pylori</i> , 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 | <i>Mycoplasma pneumoniae</i> , 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 | <i>Streptococcus pyogenes</i> (Group A), detection in pharyngeal sample |
| 5599 | <i>Streptococcus agalactiae</i> (GBS), nucleic acid detection |
| 5598 | <i>Streptococcus pneumoniae</i> , antigen detection in urine |
| 5099 | Tick-borne encephalitis virus, antibodies |
| 5473 | <i>Trichomonas vaginalis</i> , detection |

Preanalytics

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| 7801 | Preanalytics, urine and blood sample collection |
| 7804 | Preanalytics, POCT in chemistry |

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