

VEQ 360°



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

Catalogo 2026
LABQUALITY
Programmi **specifici per l'accreditamento**
ISO 15189-2022

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.

	1	2	3	4	5	6	7	8	9	10	11	12
8817 HIL-index (DEKS)	Three rounds per year.											
Specimens: 2 samples, 1 mL each												
Examinations: Organised in co-operation with DEKS. 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
7806 Preanalytics and process in anatomic pathology					•						•	
Specimens: 3-5 cases with preanalytical and process error(s).												
Examinations: Participants are asked to find preanalytical or laboratory process error(s) in the cases.												
Notes: The scheme is intended for all laboratory staff of pathology laboratories. The scheme is carried out online.												

	1	2	3	4	5	6	7	8	9	10	11	12
7800 Preanalytics, clinical chemistry		•							•			
Specimens: 3 cases with preanalytical error(s).												
Examinations: Participants are asked to find preanalytical error(s) in the cases.												
Notes: The scheme is intended for personnel using POCT tests and devices. The scheme is carried out online.												

	1	2	3	4	5	6	7	8	9	10	11	12
7802 Preanalytics, microbiology				•						•		
Specimens: 3 cases with preanalytical error(s).												
Examinations: Participants are asked to find preanalytical error(s) in the cases.												
Notes: The scheme is intended for all laboratory staff of clinical microbiology laboratories. The scheme is carried out online.												

	1	2	3	4	5	6	7	8	9	10	11	12
7807 Preanalytics, Pneumatic Sample Transport									•			
Specimens: 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 analyte-specific hemolysis cutoffs, and a hemolysis model.												
Notes: Vials are sent to the participating laboratories during September-October. 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.												

	1	2	3	4	5	6	7	8	9	10	11	12
7804 Preanalytics, POCT in chemistry										•		
Specimens: 3 cases with preanalytical error(s).												
Examinations: Participants are asked to find preanalytical error(s) in the cases.												
Notes: The scheme is intended for personnel using POCT tests and devices. The scheme is carried out online.												

	1	2	3	4	5	6	7	8	9	10	11	12
7801 Preanalytics, urine and blood sample collection			•									
Specimens: 3 cases with preanalytical error(s).												
Examinations: Participants are asked to find preanalytical error(s) in the cases.												
Notes: The scheme is intended for personnel performing blood and urine sample collection. Scheme is carried out online.												

Others

Others » Andrology

	1	2	3	4	5	6	7	8	9	10	11	12
6400 Semen analysis												
Specimens: 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. Notes: The scheme is carried out online.												

Others » Clinical physiology

	1	2	3	4	5	6	7	8	9	10	11	12
7130 ECG, interpretation												
Specimens: 3 digital ECG registrations (images). Examinations: Technical quality and findings. Notes: The scheme is designed for nurses and general practitioners as well as for personnel in POCT units. Participants are evaluated on their responses on technical quality, findings or both if given.												

Others » Genetics

	1	2	3	4	5	6	7	8	9	10	11	12
8850 DNA sequencing (EQUALIS)												
Specimens: Two samples (amplicons) and two primer pairs for a total of 4 sequence reactions are distributed to the participants. Examinations: Both ability to identify the sequence and report according to HGVS nomenclature are assessed. 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
3865 DNA single nucleotide variation (EQUALIS)												
Specimens: 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 tetrahydrofolate reductase (MTHFR) c.677C>T; c.1298A>Cx. Notes: Organised in co-operation with Equalis. Participation in all rounds is required. Register orders before the end of December.												

Others » Laboratory instruments

	1	2	3	4	5	6	7	8	9	10	11	12
8814 ELISA reader photometry control (DEKS)												
Specimens: An ELISA-plate with built-in gray glass filters. Examinations: Control for the absorbance scale in ELISA reader. Notes: Absorbance traceable to NIST Control of the absorbance scale of ELISA readers. Organised in co-operation with DEKS. Register orders before the end of December.												

	1	2	3	4	5	6	7	8	9	10	11	12
8205 Pipette control												
Specimens: 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. Notes: 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 fulfill the accreditation requirements for pipette calibration.												

		1	2	3	4	5	6	7	8	9	10	11	12
NEW	6800	HPV-related head and neck cancer control: HPV-NAT + IHC p16		3									
		Specimens: 2 cell-derived samples each including one paraffin section on a slide for IHC p16 and paraffin scrolls in a vial for NAT.		Notes: p16 IHC staining to be performed on slides and HPV NAT to be performed on scrolls in vials.									
		Examinations: Slide: IHC p16 staining and interpretation. Scrolls: HPV nucleic acid detection.											

		1	2	3	4	5	6	7	8	9	10	11	12
NEW	6802	HPV-related head and neck cancer control: IHC p16		3									
		Specimens: 2 cell-derived samples each including one paraffin section on a slide for IHC p16.		Notes: p16 IHC staining to be performed on slides.									
		Examinations: Slide: IHC p16 staining and interpretation.											

		1	2	3	4	5	6	7	8	9	10	11	12
NEW	6801	HPV-related head and neck cancer control: HPV-NAT		3									
		Specimens: 2 cell-derived samples each including paraffin scrolls in a vial for NAT.		Notes: HPV NAT to be performed on paraffin scrolls. Please see full product 6800 in the Oncology section.									
		Examinations: Scrolls: HPV nucleic acid detection.											

External quality assessment for extra-analytical phases

PREANALYTICAL EQA | ANALYTICAL EQA | POSTANALYTICAL EQA

We have two advanced external quality assessment programs for extra-analytical phases of clinical laboratory investigation process. Preanalytical EQA programs are independent schemes for the evaluation of preanalytical phase and Integrated EQA programs includes pre- and/or postanalytical evaluation together with traditional EQA samples.

Pre- and postanalytical EQA programs

Preanalytical EQA programs

8817	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

Integrated EQA programs

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

Microbiology

5950	<i>Bordetella pertussis</i> , antibodies
5960	<i>Borrelia burgdorferi</i> , antibodies, European origin
5620	<i>Chlamydia pneumoniae</i> , 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	<i>Helicobacter pylori</i> , antibodies
5092	Hepatitis A, antibodies
5094-5096	Hepatitis B and C, serology
5682	Hepatitis E, antibodies
5091	HIV, antibodies and antigen detection

Clinical physiology

7130	ECG, interpretation
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Haematology

4480	Column agglutination methods: grading of reactions and patient cases
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Immunology

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

5089	Human T-cell lymphotropic virus, antibodies
5668	Measles virus, antibodies
5669	Mumps virus, antibodies
5980	<i>Mycoplasma pneumoniae</i> , 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
5665	Varicella-zoster virus, antibodies

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Quality Makers**