

VEQ 360°



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

Catalogo 2027



INSTAND

Ematologia ed Immunofenotipizzazione

EQAS/PT Properties Samples: 2 samples of 2.5 ml Sample Properties: Stabilized control blood Additional Information: - For POCT systems: Please ensure that the sample matrix used in the EQA scheme is suitable for your test system. In case of uncertainty, we recommend contacting the manufacturer or supplier of your device. - Analysis of Haemoglobin with HemoCue systems is possible!			 EQAS/PT Experts: Dr. med. Benedikt Lohr Deputy EQAS/PT Experts: Dr. med. Thomas Nebe			
Requirement for EQAS/PT according to Rili-BÄK: quarterly Validity Certificate: 6 months Parameter / Analytes: Erythrocytes Haemoglobin Haematocrit centrif. Leucocytes Haematocrit el.count Thrombocytes			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: MCV			
Shipping Information: Shipping not cooled			Safety Information: Process as patient sample material			
Dates	Q1		Q2	Q3		Q4
	Jan.	Mar.	May	July	Aug.	Oct.
Registration Deadline:	26-11-13	26-12-18	27-02-26	27-04-23	27-06-11	27-08-06
Sample Shipment:	27-01-12	27-02-23	27-04-27	27-06-22	27-08-10	27-10-05
Closing Date:	27-01-29	27-03-12	27-05-14	27-07-09	27-08-27	27-10-22





Haematology - Blood Cell Count - QBC System

209

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood (EDTA), not stabilized Additional Information: - For POCT systems: Please ensure that the sample matrix used in the EQA scheme is suitable for your test system. In case of uncertainty, we recommend contacting the manufacturer or supplier of your device. - This EQA scheme is only for participants with hematology systems based on QBC (Quantitative Buffy Coat) technology.				 EQAS/PT Experts: Dr. med. Benedikt Lohr Deputy EQAS/PT Experts: Dr. med. Thomas Nebe	
Requirement for EQAS/PT according to Rili-BÄK: quarterly Validity Certificate: 6 months Parameter / Analytes: Haematocrit centrif. Leucocytes Haemoglobin Thrombocytes				Not subject to Rili-BÄK: not applicable	
Shipping Information: Cooled shipping Before registering for this EQAS/PT, please note that the samples have a limited stability of 72 hours!				Safety Information: Process as patient sample material	
Dates	Q1		Q2	Q3	
	Jan.		May	Sep.	Oct.
Registration Deadline:	26-11-13		27-03-12	27-07-09	27-08-13
Sample Shipment:	27-01-12		27-05-11	27-09-07	27-10-12
Closing Date:	27-01-22		27-05-21	27-09-17	27-10-22

Haematology - Blood Smear Analysis

212

EQAS/PT Properties Samples: 2 peripheral blood smears Sample Properties: Slides Max. number of sample sets: 1 Additional Information: plus one special case for internal training purposes				EQAS/PT Experts: Prof. Dr. med. Dr. phil. Torsten Haferlach Deputy EQAS/PT Experts: Prof. Dr. med. Wolfgang Kern	
Requirement for EQAS/PT according to Rili-BÄK: quarterly Validity Certificate: 6 months Parameter / Analytes: Blood Cell Differentiation in %				Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: - Diagnostic comment - Morphology of erythrocytes, leucocytes and platelets	
Shipping Information: Shipping not cooled				Safety Information: Process as patient sample material	
Dates	Q1		Q2	Q3	
	Jan.		May	July	Oct.
Registration Deadline:	26-11-13		27-02-26	27-04-23	27-08-06
Sample Shipment:	27-01-12		27-04-27	27-06-22	27-10-05
Closing Date:	27-01-29		27-05-14	27-07-09	27-10-22



Haematology - Bone Marrow Cytology

218

EQAS/PT Properties Samples: Digital slides in a virtual microscope of bone marrow aspirate Sample Properties: Digital slides Max. number of sample sets: 1 Additional Information: Available online in digital microscopy! - No shipment!			EQAS/PT Experts: Prof. Dr. med. Dr. phil. Torsten Haferlach Deputy EQAS/PT Experts: Prof. Dr. med. Winfried Gassmann		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Evaluation and diagnosis		
Shipping Information: No shipment!			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
		Mar.			Aug.
Registration Deadline: Sample Shipment: Closing Date:		27-02-19 27-02-23 27-03-12		27-08-06 27-08-10 27-08-27	

Haematology - Differential Blood Count (Machine-Based Analysis)

612

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood (EDTA), not stabilized Additional Information: - For POCT systems: Please ensure that the sample matrix used in the EQA scheme is suitable for your test system. In case of uncertainty, we recommend contacting the manufacturer or supplier of your device. - Due to high demand, two different sets of samples will be sent (Gr. 612 = Gr. 912). The group number you receive will be set by INSTAND e.V. before each EQAS shipment. Both groups are equivalent.			 EQAS/PT Experts: Dr. med. Benedikt Lohr Deputy EQAS/PT Experts: Dr. med. Thomas Nebe		
Requirement for EQAS/PT according to Rili-BÄK: quarterly Validity Certificate: 6 months Parameter / Analytes: Erythrocytes Haemoglobin Haematocrit centrif. Leucocytes Haematocrit el.count Thrombocytes			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Basophilic Granulocytes Monocytes Eosinophilic Granulocytes Neutrophilic Lymphocytes Granulocytes MCV		
Shipping Information: Cooled shipping Before registering for this EQAS/PT, please note that the samples have a limited stability of 72 hours!			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
	Jan.		May		Sep.
Registration Deadline: Sample Shipment: Closing Date:	26-11-13 27-01-12 27-01-22		27-03-12 27-05-11 27-05-21	27-07-09 27-09-07 27-09-17	27-08-13 27-10-12 27-10-22





Haematology - Free Haemoglobin

236

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Lyophilised erythrocytes preparation Additional Information: The samples are not suitable for methods based on photometric measurements of the oxyhaemoglobin peaks around 540 nm and/or 577 nm. The Harboe method (415 nm peak) is suitable. The quantitative hemolysis index from automated chemistry analysers can also provide a suitable result.			EQAS/PT Experts: Prof. Dr. med. Nicolas von Ahsen Deputy EQAS/PT Experts: N.N.		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Haemoglobin (free)		
Shipping Information: Shipping not cooled			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
	Jan.		May	Aug.	Oct.
Registration Deadline:	26-11-13		27-02-26	27-06-11	27-08-06
Sample Shipment:	27-01-12		27-04-27	27-08-10	27-10-05
Closing Date:	27-01-29		27-05-14	27-08-27	27-10-22

Haematology - Haemoglobinopathies

210

EQAS/PT Properties Samples: 2 samples of 0.8 mL Sample Properties: Whole blood, stabilized Max. number of sample sets: 1			EQAS/PT Experts: Dr. med. Claudia Frömmel Deputy EQAS/PT Experts: Dr. Adriana Méndez		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Hemoglobin analysis with evaluation and presumptive diagnosis		
Shipping Information: Shipping not cooled			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
			June		Oct.
Registration Deadline:			27-04-09		27-08-13
Sample Shipment:			27-06-08		27-10-12
Closing Date:			27-06-25		27-10-29



Haematology - Immunophenotyping

214

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood (EDTA), not stabilized			EQAS/PT Experts: Dr. med. Richard Schabath Deputy EQAS/PT Experts: Prof. Dr. med. Wolfgang Kern			
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Immunophenotyping of leukamias/lymphomas Immunophenotyping of hematologic neoplasms			
Shipping Information: - Shipping not cooled - Before registering for this EQAS/PT, please note that the samples have a limited stability of 48 hours!			Safety Information: Process as patient sample material			
Dates	Q1		Q2	Q3		Q4
	Jan.		May	July		Oct.
Registration Deadline:	26-11-13		27-03-12	27-04-30		27-08-13
Sample Shipment:	27-01-12		27-05-11	27-06-29		27-10-12
Closing Date:	27-01-22		27-05-21	27-07-09		27-10-22

Haematology - Lymphocyte differentiation

213

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood (EDTA), not stabilized			EQAS/PT Experts: Prof. Dr. med. Wolfgang Kern Deputy EQAS/PT Experts: Dr. med. Richard Schabath			
Requirement for EQAS/PT according to Rili-BÄK: bi-annual Validity Certificate: 12 months Parameter / Analytes: Lymphocyte-immunophenotyping - peripheral blood: CD4 pos. lymphocytes with CD3-expression (%) CD8 pos. lymphocytes with CD3-expression (%)			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Lymphocyte-immunophenotyping - peripheral blood: B-Lymphocytes CD4 pos. lymphocytes with CD3-expression (/nl) CD8 pos. lymphocytes with CD3-expression (/nl) Leucocytes Lymphocytes NK-cells without CD3-expression T-lymphocytes			
Shipping Information: - Shipping not cooled - Before registering for this EQAS/PT, please note that the samples have a limited stability of 72 hours!			Safety Information: Process as patient sample material			
Dates	Q1		Q2	Q3		Q4
	Jan.	Mar.		July		
Registration Deadline:	26-11-13	27-01-15		27-04-30		27-08-13
Sample Shipment:	27-01-12	27-03-16		27-06-29		27-10-12
Closing Date:	27-01-22	27-03-26		27-07-09		27-10-22





Haematology - PNH Diagnostics

616

EQAS/PT Properties Samples: 2 samples of 1.5 mL Sample Properties: Whole blood (EDTA), not stabilized Additional Information: Due to high demand 3 different sets of samples will be sent (No. 616 = No. 916 or No. 917). The group number you receive will be set by INSTAND e.V. before each EQAS shipment. All groups are equivalent!				EQAS/PT Experts: Dr. med. Britta Höchsmann Deputy EQAS/PT Experts: Dr. med. Thomas Nebe		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: GPI-deficient cells			
Shipping Information: - Shipping not cooled - Before registering for this EQAS/PT, please note that the samples have a limited stability of 56 hours!			Safety Information: Process as patient sample material			
Dates		Q1	Q2	Q3		Q4
			May			Oct.
Registration Deadline: Sample Shipment: Closing Date:			27-03-12 27-05-11 27-05-28			27-07-23 27-09-21 27-10-08

Haematology - Reticulocyte Analysis Machine-Based Analysis

216

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood (EDTA), not stabilized			EQAS/PT Experts: Prof. Dr. med. Kai Gutensohn Deputy EQAS/PT Experts: Dr. med. Thomas Nebe			
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Concentration of Hb in reticulocytes Immature reticulocytes Reticulated Platelets Reticulocyte production Index (RPI) Reticulocytes Reticulocytes concentration			
Shipping Information: - Cooled shipping - Before registering for this EQAS/PT, please note that the samples have a limited stability of 72 hours!			Safety Information: Process as patient sample material			
Dates	Q1		Q2	Q3		Q4
	Jan.		May		Sep.	Oct.
Registration Deadline:	26-11-13		27-03-12		27-07-09	27-08-13
Sample Shipment:	27-01-12		27-05-11		27-09-07	27-10-12
Closing Date:	27-01-22		27-05-21		27-09-17	27-10-22



Haematology - Reticulocyte Analysis Microscopy

215

EQAS/PT Properties Samples: 2 blood smears for microscopic analysis Sample Properties: Slides			EQAS/PT Experts: Prof. Dr. med. Kai Gutensohn Deputy EQAS/PT Experts: Dr. med. Thomas Nebe		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Reticulocytes		
Shipping Information: Shipping not cooled			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
	Jan.			July	
Registration Deadline:	26-11-13			27-04-30	
Sample Shipment:	27-01-12			27-06-29	
Closing Date:	27-01-22			27-07-09	

Haematology - Stem/Progenitor Cells (CD34)

217

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood (EDTA), not stabilized			EQAS/PT Experts: Prof. Dr. med. Kai Gutensohn Deputy EQAS/PT Experts: Prof. Dr. med. Andreas Humpe		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Flow cytometric determination of CD34+ stem and progenitor cells and viability measurements		
Shipping Information: - Cooled shipping - Before registering for this EQAS/PT, please note that the samples have a limited stability of 72 hours!			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
	Jan.	Mar.		July	Sep.
Registration Deadline:	26-11-13	27-01-15		27-04-30	27-07-09
Sample Shipment:	27-01-12	27-03-16		27-06-29	27-09-07
Closing Date:	27-01-22	27-03-26		27-07-09	27-09-17





Haematology - Stem/Progenitor Cells (CD34) (stabilized)

660

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Whole blood(EDTA), stabilized Additional Information: For determination of CD34+ events plus vital CD34+ events, see Group 217 (native sample material).			EQAS/PT Experts: Prof. Dr. med. Kai Gutensohn Deputy EQAS/PT Experts: Prof. Dr. med. Andreas Humpe		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: Flow cytometric analysis of stem and progenitor cells (CD34) without vitality measurement.		
Shipping Information: Shipping not cooled			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
	Jan.	Mar.		July	Sep.
Registration Deadline:	26-11-13	27-01-15		27-04-30	27-07-09
Sample Shipment:	27-01-12	27-03-16		27-06-29	27-09-07
Closing Date:	27-01-22	27-03-26		27-07-09	27-09-17

Haematology - T, B and NK cells in cellular products (flow cytometry)

617

EQAS/PT Properties Samples: 2 samples of 1 mL Sample Properties: Cellular products (CPD)			EQAS/PT Experts: Prof. Dr. med. Andreas Humpe Deputy EQAS/PT Experts: Prof. Dr. med. Kai Gutensohn		
Requirement for EQAS/PT according to Rili-BÄK: not applicable			Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: For flow cytometric determination of T, B and NK cells in cellular products only		
Shipping Information: - Cooled shipping - Before registering for this EQAS/PT, please note that the samples have a limited stability of 72 hours!			Safety Information: Process as patient sample material		
Dates	Q1		Q2	Q3	
			May		Oct.
Registration Deadline:			27-03-12		27-08-13
Sample Shipment:			27-05-11		27-10-12
Closing Date:			27-05-21		27-10-22



Immunophenotyping

Immunophenotyping - Cellular Immunodeficiency Diagnostic

651

EQAS/PT Properties Samples: 2 samples of 4 mL Sample Properties: Whole blood (EDTA), not stabilized Max. number of sample sets: 1		EQAS/PT Experts: Prof. Dr. med. Ulrich Sack Deputy EQAS/PT Experts: Dr. Uwe Kölsch				
Requirement for EQAS/PT according to Rili-BÄK: not applicable		Not subject to Rili-BÄK Validity Certificate: 12 months Parameter / Analytes: • Analysis based on the case description for T-, NK-, and B-cell subpopulations, as well as monocytes and granulocytes, including naive, memory, effector, and activated T cells, TH1/2 TH17, and regulatory cells, with the markers CD11a, CD18, HLA-DR, TCR alpha/beta, TCR gamma/delta, CD45RA/CD45RO, CCR7, and CD31. • Possible B-cell subpopulations: transitional, naive, non-switched, switched, IgM-only, IgA+, IgG+, CD21low/CD38low, and plasmablasts. • NK subpopulations based on expression of: CD94, Nkp30, Nkp44, Nkp46, CD56 bright, cytolytic NK, NK-like • Monocytes: classical/non-classical monocytes • Granulocytes: expression of CD11a, CD18 on granulocytes • TCR Vβ typing • Only individual markers or subsets of these markers may also be used.				
Shipping Information: • Shipping not cooled • Overnight delivery • Before registering for this EQAS/PT, please note that the samples have a limited stability of 48 hours!		Safety Information: Process as patient sample material				
Dates	Q1		Q2	Q3		Q4
			May			Oct.
Registration Deadline:			27-03-19			27-08-13
Sample Shipment:			27-05-18			27-10-12
Closing Date:			27-05-28			27-10-22

