

VEQ 360°



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

Catalogo 2026



INSTAND

Ematologia ed Immunofenotipizzazione 2026



Samples : 2 samples of 2.5 ml
 Sample properties: Stabilized control blood
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK:
 quarterly

Analysis of Haemoglobin with HemoCue systems is possible!

Erythrocytes	Haematocrit centrif.	Haematocrit el.count	Haemoglobin
Leucocytes	MCV	Thrombocytes	

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.

	Jan. (1)	Mar. (2)	May (3)	July (4)	Aug. (5)	Oct. (6)
Registration deadline:	14.11.25	26.12.25	27.02.26	24.04.26	12.06.26	07.08.26
Sample shipment:	13.01.26	24.02.26	28.04.26	23.06.26	11.08.26	06.10.26
Closing Date:	30.01.26	13.03.26	15.05.26	10.07.26	28.08.26	23.10.26

Haematology - Blood Cell Count - QBC System

Samples : 2 samples of 1 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 12 months

participation according to Rili-BÄK:
 quarterly

Haematocrit centrif.	Haemoglobin	Leucocytes	Thrombocytes
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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.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	14.11.25	20.03.26	10.07.26	14.08.26
Sample shipment:	13.01.26	19.05.26	08.09.26	13.10.26
Closing Date:	23.01.26	29.05.26	18.09.26	23.10.26

Haematology - Blood Smear Analysis

Samples : 2 peripheral blood smears
 Sample properties: Slides
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK:
 quarterly

Blood Cell Differentiation in %	Diagnostic comment
Morphology of erythrocytes, leucocytes and platelets	

plus one special case for internal training purposes

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	14.11.25	27.02.26	24.04.26	07.08.26
Sample shipment:	13.01.26	28.04.26	23.06.26	06.10.26
Closing Date:	30.01.26	15.05.26	10.07.26	23.10.26

Samples : Digital slides in a virtual microscope of bone marrow aspirate
 Sample properties: Digital slides
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Evaluation and diagnosis

Available online in digital microscopy! - No shipment!

	Mar. (2)	Aug. (5)
Registration deadline:	20.02.26	07.08.26
Sample shipment:	24.02.26	11.08.26
Closing Date:	13.03.26	28.08.26

Haematology - Differential Blood Count (Machine-Based Analysis)

Lohr / Nebe

612

Samples : 2 samples of 1 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK:
quarterly



Basophilic Granulocytes Haematocrit centrif. Leucocytes Monocytes	Eosinophilic Granulocytes Haematocrit el.count Lymphocytes Neutrophilic Granulocytes	Erythrocytes Haemoglobin MCV Thrombocytes
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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.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	14.11.25	20.03.26	10.07.26	14.08.26
Sample shipment:	13.01.26	19.05.26	08.09.26	13.10.26
Closing Date:	23.01.26	29.05.26	18.09.26	23.10.26

Haematology - Free Haemoglobin

Ahsen, von / N.N.

236

Samples : 2 samples of 1 mL
 Sample properties: Lyophilised erythrocytes preparation
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Haemoglobin (free)

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 not affected. The quantitative hemolysis index from automated chemistry analysers can also provide a suitable result.

	Jan. (1)	May (3)	Aug. (5)	Oct. (6)
Registration deadline:	14.11.25	27.02.26	12.06.26	07.08.26
Sample shipment:	13.01.26	28.04.26	11.08.26	06.10.26
Closing Date:	30.01.26	15.05.26	28.08.26	23.10.26

Samples : 2 samples of 0.8 mL
 Sample properties: Whole blood, stabilized
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Hemoglobin analysis with evaluation and diagnosis

	May (3)	Oct. (6)
Registration deadline:	10.04.26	14.08.26
Sample shipment:	09.06.26	13.10.26
Closing Date:	26.06.26	30.10.26

Haematology - Immunophenotyping

Schabath / Kern

214

Samples : 2 samples of 1 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Immunophenotyping of leukemias/lymphomas

Immunophenotyping of hematologic neoplasms

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	14.11.25	06.03.26	01.05.26	14.08.26
Sample shipment:	13.01.26	05.05.26	30.06.26	13.10.26
Closing Date:	23.01.26	15.05.26	10.07.26	23.10.26

Haematology - Lymphocyte differentiation

Kern / Schabath

213

Samples : 2 samples of 1 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 12 months / 12 months

Lymphocyte-immunophenotyping - peripheral blood:

B-Lymphocytes

CD4 pos. lymphocytes with CD3-expression (%)

CD4 pos. lymphocytes with CD3-expression (/nl)

CD8 pos. lymphocytes with CD3-expression (%)

CD8 pos. lymphocytes with CD3-expression (/nl)

Leucocytes

Lymphocytes

NK-cells without CD3-expression

T-lymphocytes

participation according to Rili-BÄK:
bi-annual

	Jan. (1)	Mar. (2)	July (4)	Oct. (6)
Registration deadline:	14.11.25	09.01.26	01.05.26	14.08.26
Sample shipment:	13.01.26	10.03.26	30.06.26	13.10.26
Closing Date:	23.01.26	20.03.26	10.07.26	23.10.26

Samples : 2 samples of 1.5 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

GPI-deficient cells

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!

	May (3)	Oct. (6)
Registration deadline:	06.03.26	24.07.26
Sample shipment:	05.05.26	22.09.26
Closing Date:	22.05.26	09.10.26

Haematology - Reticulocyte Analysis Machine-Based Analysis

Samples : 2 samples of 1 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 12 months

Concentration of Hb in reticulocytes
 Reticulated Platelets
 Reticulocytes

Immature reticulocytes
 Reticulocyte production Index (RPI)
 Reticulocytes concentration

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	14.11.25	20.03.26	10.07.26	14.08.26
Sample shipment:	13.01.26	19.05.26	08.09.26	13.10.26
Closing Date:	23.01.26	29.05.26	18.09.26	23.10.26

Haematology - Reticulocyte Analysis Microscopy

Samples : 2 blood smears for microscopic analysis
 Sample properties: Slides
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Reticulocytes

	Jan. (1)	July (4)
Registration deadline:	14.11.25	01.05.26
Sample shipment:	13.01.26	30.06.26
Closing Date:	23.01.26	10.07.26

Samples : 2 samples of 1 mL
 Sample properties: Whole blood (EDTA), not stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 12 months

Flow cytometric determination of CD34+ stem and progenitor cells and viability measurements

	Jan. (1)	Mar. (2)	July (4)	Sep. (5)
Registration deadline:	14.11.25	09.01.26	01.05.26	10.07.26
Sample shipment:	13.01.26	10.03.26	30.06.26	08.09.26
Closing Date:	23.01.26	20.03.26	10.07.26	18.09.26

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

Samples : 2 samples of 1 mL
 Sample properties: Whole blood(EDTA), stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 12 months

Flow cytometric analysis of stem and progenitor cells (CD34) without vitality measurement.
 For determination of CD34+ events plus vital CD34+ events, see Group 217 (native sample material).

	Jan. (1)	Mar. (2)	July (4)	Sep. (5)
Registration deadline:	14.11.25	09.01.26	01.05.26	10.07.26
Sample shipment:	13.01.26	10.03.26	30.06.26	08.09.26
Closing Date:	23.01.26	20.03.26	10.07.26	18.09.26

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

Samples : 2 samples of 1 mL
 Sample properties: Cellular products (CPD)
 Shipping Information: Cooled shipping
 Certificate Validity: 12 months

For flow cytometric determination of T, B and NK cells in cellular products only

	May (3)	Oct. (6)
Registration deadline:	20.03.26	14.08.26
Sample shipment:	19.05.26	13.10.26
Closing Date:	29.05.26	23.10.26

Immunophenotyping - Cellular Immunodeficiency Diagnostic

Sack / Kölsch

651

Samples : 2 samples of 4 mL
Sample properties: Whole blood (EDTA), not stabilized
Shipping Information: Shipping at ambient temperature
Certificate Validity: 12 months

Analytes according to case description T, NK and B cell subpopulations including naive, memory, effector, activated, TH1/2 and Treg cells, TCR V β -typing

Overnight delivery.

	May (3)	Oct. (6)
Registration deadline:	20.03.26	14.08.26
Sample shipment:	19.05.26	13.10.26
Closing Date:	29.05.26	23.10.26