ABOUT ESfEQA

ESfEQA is a German company based in Heidelberg and accredited according to DIN EN ISO/IEC 17043:2010 by the German Accreditation Body DAkkS. ESfEQA offers more than 90 External Quality Assessment programs in Biochemistry, Hematology, Immunology, Microbiology, Molecular Diagnostics, and Educational Programs. Please visit our website for more information.

Ask your local distributor or ESfEQA how to get enrolled in the ESfEQA External Quality Assessment Schemes.

ESfEQA GmbH
European Society for External Quality Assessment
Siemensstr. 38
69123 Heidelberg
GERMANY
Phone +49(0)6221-4166-700
Fax +49(0)6221-4166-790
info@esfeqa.eu
www.esfeqa.eu

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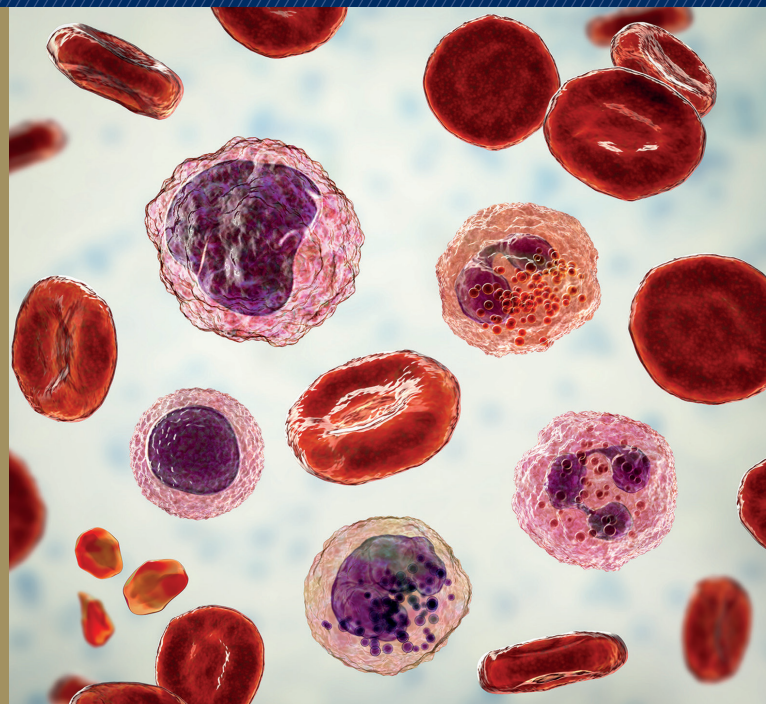
HEMATOLOGY

EXTERNAL QUALITY ASSESSMENT PROGRAM



EXTERNAL QUALITY ASSESSMENT PROGRAM

Hematology

Basic Parameters for all hematology programs

HCT	Hematocrit
HGB	Hemoglobin
MCH	Mean Corpuscular Hemoglobin
MCHC	Mean Cellular Hemoglobin Conc.
MCV	Mean Corpuscular Volume
MPV	Mean Platelet Volume
PCT	Plateletcrit
PLT	Platelets
RBC	Red Blood Cells
RDW	RBC Distribution Width
WBC	White Blood Cell

Additional Parameters for 3-part-Diff. (HEM3D)

GRAN	Granulocytes
LYMPH	Lymphocytes
MID, MXD	Mid-sized leucocytes
MONO	Monocytes
NEUT	Neutrophiles

Additional Parameters for 5-part-Diff. (HEM5D)

BASO	Basophiles
EO	Eosinophiles
NEUT	Neutrophiles
LYMPH	Lymphocytes
MONO	Monocytes
PDW	Platelet distribution Width
RET	Reticulocytes

Overview

ESfEQA offers a complete suite of EQA programs for Hematology analyzers including proficiency testing of WBC differentials. Participants can enroll in a program at any quarter of the year.

PROGRAM	FREQUENCY	SAMPLES PER SURVEY	WBC-DIFF.
HEM5D	Quaterly	4	5-part
HEM3D	Quaterly	4	3-part
HEM12	Monthly	1	-
HEM4	Quaterly	2	-
HEM2	Semi-annual	2	-

Samples

The control material represents a plasma like fluid (minimum 2 mL) containing red blood cells, white blood cells and platelets of human origin and/or non-human analogs.

Benefits of ESfEQA Hematology EQA

- Stable sample material allowing quarterly and semi-annual shipments
- High commutability of control material for use on a wide range of instruments
- Basic parameters included in every program
- Instrument specific evaluations available for many instruments

ESfEQA Reports and Certificates

Reports with detailed statistical analysis are provided as PDF-files to each participant via the TEQA web application. This includes the assessment of the laboratory performance in comparison to participants that have used the same, but also other analytical devices.

Moreover, the reports contain specific comments on the evaluation and conclusions for a better understanding of the survey results.

Certificates are provided as PDF-files for download from the TEQA web application as well.

Reports and certificates are made available within 2 weeks (monthly program HEM12 within 10 days) after the closing data for the result submission.