

Quality Assessment Schemes Program

2023



ERYTHROCYTE SEDIMENTATION RATE

ESR

2 liquid samples (3 mL) containing erythrocytes in blood collection tubes (75x13mm) with pierceable caps. 4 surveys per year. The samples are not suitable for testing on Alifax and Alcor iSED instruments.

Analytical parameters:

Erythrocyte Sedimentation Rate

HEMOGRAM

HEM

Plasma like fluid samples (minimum 2 mL) that contain stabilized human red blood cells, white blood cells and platelets of human and/or non-human analogs. 2, 4 or 12 surveys per year. One sample per survey in monthly program (HEM12), two samples per survey in quarterly and semiannual program (HEM4 and HEM2). This program is suitable for hematology analyzers with and without leucocyte-differentiation.

Analytical parameters:

HCT (hematocrit)	MCHC (mean cellular hemoglobin concentration)	PLT (platelets)
HGB (hemoglobin)	MCV (mean corpuscular volume)	RBC (red blood cells)
MCH (mean corpuscular hemoglobin)	MPV (mean platelet volume)	RDW (RBC distribution width)
	PCT (Plateletcrit)	WBC (white blood cells)

HEMOGRAM INCL. 3-PART DIFF.

HEM3D

2 plasma like fluid samples (minimum 1,5 mL) that contain stabilized human red blood cells, white blood cells and platelets of human and/or non-human analogs. 4 surveys per year. This program is dedicated for 3-part WBC/leucocyte differential hematology analyses.

Analytical parameters:

GRAN (granulocytes)	MCHC (mean cellular hemoglobin concentration)	MPV (mean platelet volume)
HCT (hematocrit)	MCV (mean corpuscular volume)	NEUT (Neutrophiles)
HGB (hemoglobin)	MID, MXD (mid-sized leucocytes)	PCT (Plateletcrit)
LYMPH (lymphocytes)	MONO (monocytes)	PLT (platelets)
MCH (mean corpuscular hemoglobin)		RBC (red blood cells)
		RDW (RBC distribution width)
		WBC (white blood cells)

HEMOGRAM INCL. 5-PART DIFF.

HEM5D

2 plasma like fluid samples (minimum 1,5 mL) that contain stabilized human red blood cells, white blood cells and platelets of human and/or non-human analogs. 4 surveys per year.

Analytical parameters:

BASO (basophiles)*	MCHC (mean cellular hemoglobin concentration)	PDW (platelet distribution width)*
EO (eosinophiles)*	MCV (mean corpuscular volume)	PLT (platelets)
HCT (hematocrit)	MONO (monocytes)	RBC (red blood cells)
HGB (hemoglobin)	MPV (mean platelet volume)	RDW (RBC distribution width)
LYMPH (lymphocytes)	NEUT (neutrophiles)	RET (reticulocytes)*
MCH (mean corpuscular hemoglobin)	PCT (plateletcrit)	WBC (white blood cells)

* This parameter is not accredited according to DIN EN ISO/ IEC 17043:2010.