

ESfEQA Guideline for Method Key Selection

Program: Hemogram

Version: 08.2021



	Abbott Cell-Dyn 1200, 1300, 1400, 1600, 1700, 1800, 3500, 3700, Emerald	Abbott Cell-Dyn 3200, Ruby, Sapphire, Alinity	Beckman Coulter Gen.S, LH500, LH700-Series	Horiba ABX / Axon Lab Micros 45 / 60 / ES 60 / CRP 200	Horiba ABX / Axon Lab Pentra 60 / 60C+ / 80 / XL80 / XLR
HGB	Non-cyanide Method	Spectrophotometry	Cyanhaemoglobin	Cyanoheмоglobin	Cyanoheмоglobin
HCT, MCH, MCHC, MCV, PLT, RBC	Impedance	Light Scattering	Impedance	Impedance	Impedance
WBC Count	Impedance	Fluorescent Dye Flow Cytometry	Impedance	Impedance	Impedance
Three-part WBC Differentiation	Impedance	Fluorescent Dye Flow Cytometry	Light Scattering	Impedance	Light Scattering
Five-part WBC Differentiation	-	Fluorescent Dye Flow Cytometry	Light Scattering	-	Light Scattering

	Sysmex K-1000, K-4500, KX-21, KX-21N, XP-300	Sysmex XS-Series	Sysmex XE-Series	Sysmex XT-Series	Sysmex XN-Series
HGB	SLS-Method	SLS-Method	SLS-Method	SLS-Method	SLS-Method
HCT, MCH, MCHC, MCV, PLT, RBC	Impedance	Impedance	Impedance	Impedance	Impedance
WBC	Impedance	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry
Three-part WBC Differentiation	Impedance	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry
Five-part WBC Differentiation	-	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry	Fluorescent Dye Flow Cytometry

	Siemens Advia 2120/2120i	Siemens Advia 120	Nihon Kohden Celltac G MEK-9100K	Swelab Alfa	Medonic M-Series M 32
HGB	Cyanoheмоglobin	Cyanoheмоglobin	Non-cyanide Method	Spectrophotometry	Spectrophotometry
HCT, MCH, MCHC, MCV, PLT, RBC	Chemical Dye Flow Cytometry	Optoelectronic	Impedance	Impedance	Impedance
WBC	Peroxidase staining	Peroxidase staining	Impedance	Impedance	Impedance
Three-part WBC Differentiation	Peroxidase staining	Peroxidase staining	Light Scattering	Impedance	Impedance
Five-part WBC Differentiation	Peroxidase staining	Peroxidase staining	Light Scattering	-	-

	Mindray BC 20s/30s	Mindray BC 2000 series	Mindray BC 5000 series	Mindray BC 6000 series
HGB	Non-cyanide Method	Non-cyanide Method	Non-cyanide Method	Non-cyanide Method
HCT, MCH, MCHC, MCV, PLT, RBC	Impedance	Impedance	Impedance	Impedance
WBC Count	Impedance	Impedance	Impedance	Fluorescent Dye Flow Cytometry
Three-part WBC Differentiation	Impedance	Impedance	Chemical Dye Flow Cytometry	Fluorescent Dye Flow Cytometry
Five-part WBC Differentiation	-	-	Chemical Dye Flow Cytometry	Fluorescent Dye Flow Cytometry