BIOGENIX
INC. PVT. LTD.

BI-H60

5-Part Hematology Analyzer

Parameters

25 reportable parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.
8 research parameters include LIC%, LIC#, ALY%, ALY#, **NRBC%, NRBC#,** NLR,PLR
3 histograms for **WBC,** RBC and PLT
2 scattergrams for DIFF and BASO

Performance	Parameter	Linearity Range	Precision (CV %)
	WBC (10^9/L)	0.0-500	≤3.0% (3.50-7.00)
	RBC (10^{12}/L)	0.0-8.5	≤2.5% (7.01-15.00)
	HGB (g/L)	0-250	≤1.5% (3.5-6.5)
	PLT (10^9/L)	0-4000	≤1.5% (100-180)
	MCV (fL)		≤5.0% (100-500)
			≤1.0% (70-120)

Principles

Semiconductor laser flow cytometry analysis for WBC, DIFF and BASO counting Electrical impedance method for RBC, PLT counting Cyanide-free reagent for HGB with colorimetric method

Sample Volume

Whole blood mode	16 µL
Capillary whole blood mode	16 µL
Pre-diluted mode	20 µL

Reagent

Diluent
Lyse
Cleaner

Operating Environment

Temperature: 15°C~32°C;
Humidity: 30% RH～85% RH;
Air pressure: 70 kPa~106 kPa

Throughput

60 samples per hour

Interface

12 inch colorful touch screen

Data Storage Capacity

100, 000 results including results and histograms
60 QC files (100 data per file)

Dimension and Weight

501(D)×320(W)×502.5(H)
Weight: 29.3kg

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