ELite 580

5 Part Diff Hematology Analyzer with Autoloader

NEW LAUNCH

Malaria Flagging
Improved Fluidics
Updated Software

Ensures high accuracy with Tri-angle Laser Flowcytometry

36

36 Parameters Enhanced patient care

20µL

Supports geriatric and paediatric samples

Making Automation Affordable for labs Everywhere
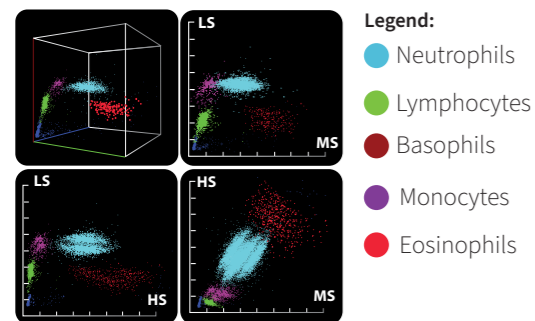
ELite 580

5 Part Diff Hemetology Analyzer

To offer value driven diagnosis for enhanced patient care, Erba ELite 580 now comes to you with continuous sample loading options for faster TAT.

KEY FEATURES

WBC Diff- world best technology

- Ensure accurate and precision
- Intensity of light scattered from semiconductor laser beam on the blood cells reflects cell size and intra cellular density
- Low angle scatter shows cell size, while the middle and high angle display intracellular information (nucleus and cytoplasmic content). Data thus captured plots 3 2D and 1 3D scattergrams
- Four reagent system for cost-effective operations (DIL, LYSE 1, LYSE 2, LYSE 3 and cleaner)

Legend:
- 🔵 Neutrophils
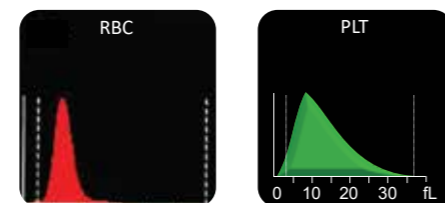- 🟢 Lymphocytes
- 🔴 Basophils
- 🟣 Monocytes
- 🔴 Eosinophils

36 Parameters including NLR, NRBC, CWBC, Mentzer index and RDWI

- P-LCR, P-LCC, PDW-SD & PDW-CV aids in differential diagnosis of cases with abnormal platelet counts supports clinical investigation
- RDW-SD, RDW-CV & MCV aids in screening for causes of anemia
- Mentzer index and RDWI - Screening indices for IDA & ß-Thal
- Flagging to identify p. vivax cases of malaria
- NLR: Novel prognostic marker for predicting short and long-term mortality in patients with COVID-19, cancer, sepsis, CVD, and post-operative complications. An NLR >3 is indicative of disease severity
- To rule out Leukemia, anemia or spleen disorder - NRBC
- To obtain accurate WBC count for better clinical treatment - CWBC

Convenient

- 22" large coloured LCD touchscreen with graphic icons
- Single page view of full report
- ADDM - Unique **A**uto **D**iluent **D**ispensing **M**echanism
- RIMS – **R**eal time **I**nventory **M**anagement **S**ystem with RFID

RBC / Platelet electrical impedance

- Electrical impedance measures change in electrical resistance produced by a blood cell suspended in conductive diluent as it passes through an aperture

Precision and Accuracy

- Excellent short and long-term precision within 2%
- Highly accurate results correlating with microscopic examination and clinical findings
- Specific flagging for microscopic slide review of clinically relevant parameters

Advanced Software

- Provision to include microscopic investigations such as bands segment, blast, etc. in the printed report
- Consolidated patient reports can be generated for customized parameters such as blood type, Rh blood group, ESR, reticulocyte, CRP along with other reportable parameters
- QR code scanner facilitates direct inputs of QC values

No.	Microscopic Exam. Settings	
	Parameter Name	**Code System**
1	Neutrophilic segmented granulocyte	
2	Neutrophilic band granulocyte	
3	Lymphocyte	
4	Monocyte	
5	Eosinophil	
6	Basophil	
7	Plasmacyte	
8	Atypical Lymph	
9	Blast	

Assured Quality with NABL compliance

- Lab mean
- Traceability of controls and calibrator runs
- Traceability of consumable lots

Only 20 µL sample volume

- Just 20 µL sample volume: All age groups
- Low blood sample volume

Ordering Information

Product Code	Description	Pack size (ml)
166104	Elite 580 Analyzer	-
121746	Elite H580 Dil	20,000
121747	Elite H580 Lyse 1	3 x 500
121748	Elite H580 Lyse 2	3 x 500
121749	Elite H580 Lyse 3	3 x 1000
121939	H clean	4 x 50