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Product Name :

Human Blood Cell Types Model

Product Code :

SLE/A/140



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Description :

A 54 x 38 cm plaque showing the formed elements of human blood: erythrocytes, platelets and five types of leukocytes. Each leukocyte is modelled with its characteristic nucleus, and every structure carries a number that matches the accompanying key. Teachers keep it beside the microscope bench while students learn to name cells on a stained smear.

Blood cell plaque specifications

Parameter	Detail
Format	Plaque mount
Size	54 x 38 cm
Red cells	Erythrocytes
White cells	5 types of leukocytes, each with its characteristic nucleus
Other formed elements	Platelets
Key	Numbered structures referenced on the accompanying key
Product code	SLE/A/140
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Haematology practicals with the blood cell plaque

Smear identification. Students scan a stained human blood smear under the oil-immersion objective of a 1000x LED monocular microscope. They sketch each white cell they meet, then confirm the name by matching its nucleus shape against the numbered cells on the plaque.

Differential count practice. Once the five types are familiar, students move along the thin end of the smear in a zigzag, tally every leukocyte they pass and turn the tallies into percentages. The plaque stays in view so that doubtful cells can be checked quickly.

Cell counting. Before a total count with the haemocytometer, use the plaque to compare red cells with white cells and platelets. Explain that red cells far outnumber white cells in blood, so the two counts need different dilutions and different squares of the grid.

Red cells and blood groups. After a grouping exercise with the simulated blood typing kit, r[illegible]gens sit o[illegible]

Fre[illegible]

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