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Product Name :

Tube ESR

Product Code :

SLE/CL/28



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Description :

Tube ESR (Product Code: SLE/CL/28) is a clear glass tube graduated from 0 to 200mm, with a diameter of approximately 2.6mm, used for measuring the sedimentation rate of red blood cells (erythrocytes). The ESR test is one of the simplest screening tests a laboratory runs, and thistube is a basic commodity in clinic and hospital laboratories as well as in medical laboratorytechnology training. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India, which works as a lab glassware manufacturer in India for diagnostic and teachingcustomers.

Specifications

Parameter	Detail
Material	Clear glass
Graduation	0 – 200mm
Diameter	Approximately 2.6mm
Compatible rack	Suitable for Rack, ESR, 5 positions
Intended use	Measuring the sedimentation rate of red blood cells (erythrocytes)
Suitable for	Laboratories in clinics and hospitals (basic commodity)

Typical Use

For an ESR test, a well-mixed anticoagulated blood sample is drawn up the tube to the zero mark, and the tube is set upright in an ESR rack. Red cells gradually settle, leaving a clear column of plasma above them. At the end of the period set by the laboratory's method, the technician reads the height of that clear column on the 0–200mm scale and reports it in millimetres. A raised result points to inflammation or other conditions that doctors then investigate further.

Results depend heavily on technique. Keep the tube exactly vertical, place the rack on a steady bench away from vibration, direct sunlight and heaters, and make sure no air bubbles are trapped in the blood column. Always fill the tube with a bulb or pipette filler rather than by mouth. After use, wash tubes thoroughly, rinse with distilled water and dry them completely, since traces of detergent or water can alter the next reading. Hospitals comparing laboratory instruments in India for a new haematology bench usually order tubes, racks and timers as one set.

Manufacturer

Jain Scientific Equipments Private Limited makes this tube under its ScienceLab trading name in Ambala, Haryana, where the company produces glassware, instruments and teaching equipment for laboratories. ESR tubes and the matching rack can be ordered from the same source. Read about the company on its profile page.

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