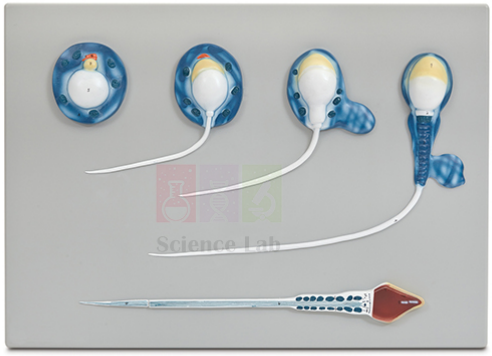
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Spermatogenesis Model

Product Code :

SLE/A/154



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

The **Spermatogenesis Model** (Product Code: SLE/A/154) is an enlarged teaching model that follows the final phase of sperm formation, from the spermatid to the mature spermatozoon. Magnified about 10,000 times, it turns a microscopic change in cell shape into something a whole class can see from their seats, making it a practical choice among biology teaching aids for reproduction and cell biology units in senior secondary schools, colleges and nursing or paramedical institutes. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Process shown	Spermatogenesis from the spermatid to the mature spermatozoon
Magnification	Enlarged about 10,000x
Size	53 x 38 x 5 cm
Mounting	Durable polymer base
Identification	Supplied with key

Typical Use

In lessons on gametogenesis, the model gives students a fixed reference while the teacher explains how a rounded spermatid is remodelled into a streamlined sperm cell: the nucleus becomes compact, a cap forms over the head and a tail develops for movement. Because the whole sequence is presented on one mounted model, learners compare changes in shape and size directly instead of piecing them together from separate textbook drawings, and the key lets them check their own identifications during revision.

For a stronger practical link, pair the model with a prepared slide of mammalian testis: students first locate developing cells in real tissue under the microscope, then return to the enlarged model to see what those cells become. Used this way, it sits naturally within a human biology model set built around the reproductive system.

Manufacturer

ScienceLab is the brand name under which Jain Scientific Equipments Private Limited, a company based in Ambala, Haryana, makes anatomical models and laboratory apparatus for teaching institutions. The company profile describes its background and product range in more detail.

Related Laboratory Equipment

Items that help teach the same topic, from tissue level to the finished gamete:

- Ts Of Testis (Mammalian) — prepared slide of the tissue in which sperm are produced
- the
- level

Email : sales@scilabexport.com
Phone: +91-7082934803