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Product Name :

Mitosis & Meiosis Set, Microscope Slides

Product Code :

SLE/PS/78



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Description :

Mitosis & Meiosis Set, Microscope Slides (Product Code: SLE/PS/78) is a set of 10 prepared microscope slides used to compare mitosis and meiosis in plant and animal tissue during biology practicals. An onion root tip shows mitosis, five lily anther sections follow meiosis from early prophase to the second division, and crayfish and locust slides add animal material. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as a microscope slides set for schools and colleges.

Specifications

Parameter	Detail
Number of slides	10
Plant mitosis	Allium (onion) root tip LS
Plant meiosis	Lilium (lily) anthers TS – early prophase; late prophase; metaphase; late first division; second division
Animal testis	Astacus (crayfish) testis VS; Locust testis VS; Locust testis squash
Embryo	Locust embryo squash
Product code	SLE/PS/78
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Mitosis and Meiosis Slide Set Used For?

Students first examine the onion root tip, where dividing cells show the stages of mitosis, then move to the five lily anther slides, which follow meiosis in sequence from early prophase to the second division. Seeing the stages in order lets them identify chromosome pairing, alignment and separation for themselves instead of relying only on textbook diagrams.

The animal slides widen the comparison: the crayfish and locust testis preparations show meiosis in developing sperm cells, while the locust embryo squash shows dividing cells in a growing animal. Ask students to draw each stage with labels and then list how the products of mitosis and meiosis differ in chromosome number.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab from Ambala, Haryana, and supplies this ten-slide cell division set to schools, colleges, universities, dealers and importers in India and international markets. The set can be combined with other prepared slide collections, models and microscopes in a single order. Company details are on the ScienceLab profile.

Related Prepared Slides

Resources that support the same cell division lessons: