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Product Name :

Microslide Meiosis

Product Code :

SLE/PS/86



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Description :

Microslide Meiosis (Product Code: SLE/PS/86) is a set of 8 related 35mm images,photographed through a microscope, used to follow meiosis in the developing egg cell insecondary and college biology. The images trace the primary oocyte from tetrad formation to thefirst polar body, then the secondary oocyte, mature egg, pronucleus stage and a zygote ready forfirst cleavage, five of them at 750x. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Format	Microslide – 8 related 35mm images
Viewing	Through a Microslide Viewer
Primary oocyte images	Tetrads formed; dyads separated; tetrads on spindle; first polar body forming (750x)
Later-stage images	Secondary oocyte – chromosomes formed (750x); mature egg(750x); pronucleus stage (750x); zygote ready for first cleavage(750x)
Magnification stated	750x on five of the eight images
Labelling	Arrows and callouts locate the key features
Text folder	Detailed notes and questions; built-in pocket holds the Microslide
Product code	SLE/PS/86
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Microslide Meiosis Used For?

Textbook meiosis diagrams usually show a generic cell; this set follows the process in a real egg cell, where the divisions are unequal and produce polar bodies. Students see tetrads, the paired homologous chromosomes, form and line up on the spindle, and then watch the first polar body pinch off before the secondary oocyte appears.

The final images carry the story beyond meiosis into fertilisation: the mature egg, the pronucleus stage and a zygote about to make its first cleavage. That makes this Microslide a useful visual biology teaching aid for linking the reproduction and genetics units, and for revising the stages before an examination.

Supplier

Jain Scientific Equipments Private Limited supplies the Microslide Meiosis under its ScienceLab trading name. From its base in Ambala, Haryana, the company puts together biology orders that combine Microslides, viewers, glass slide sets and models for schools, colleges and dealers in India and international markets. See the ScienceLab profile for company details.

Related Prepared Slides

Items