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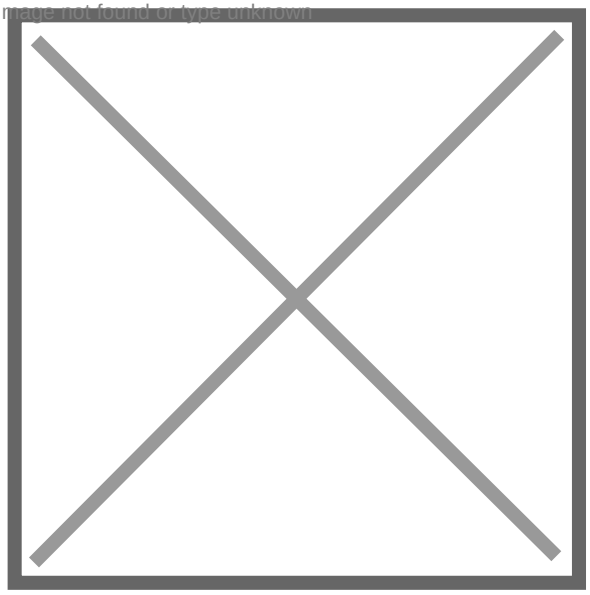
Product Name :

Mitosis, Onion Root Apex Cell, Transverse Incision

Product Code :

SCL429/0114

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Description :

Mitosis, Onion Root Apex Cell, Transverse Incision (Product Code: SCL429/0114) is a prepared microscope slide used to observe the stages of mitosis in cells of the onion root apex in cell biology practicals. Biology students use it to pick out dividing cells in a coloured preparation on a borosilicate glass slide. A staple item of cell biology equipment for schools and colleges, it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Subject	Mitosis in onion root apex cells
Cut (as named)	Transverse
Slide	Borosilicate glass
Preparation	Coloured
Storage box	White plastic, rectangular
Listed dimensions	25.4 mm x 76.2 mm (1 x 3 in)
Application	Laboratory
Product code	SCL429/0114
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Onion Root Tip Mitosis Slide Used For?

The onion root apex is the classic material for teaching mitosis because the growing tip contains many dividing cells. Students scan the preparation to find cells in prophase, metaphase, anaphase and telophase and compare them with non-dividing interphase cells. The colouring helps the chromosomes stand out from the surrounding cytoplasm.

A good follow-up exercise is to count how many cells are at each stage in one field of view and discuss what the proportions suggest about the length of each phase. Find a dividing region at low power first, then move to a higher objective for chromosome detail.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, which supplies this mitosis slide to education and laboratory buyers. Export shipments are handled under Importer-Exporter Code AAECJ8618A (DGFT), and the supplying company's GSTIN for vendor registration is 06AAECJ8618A1ZT. Read more on the ScienceLab profile.

Related Laboratory Equipment

Build a complete cell division practical with these items:

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