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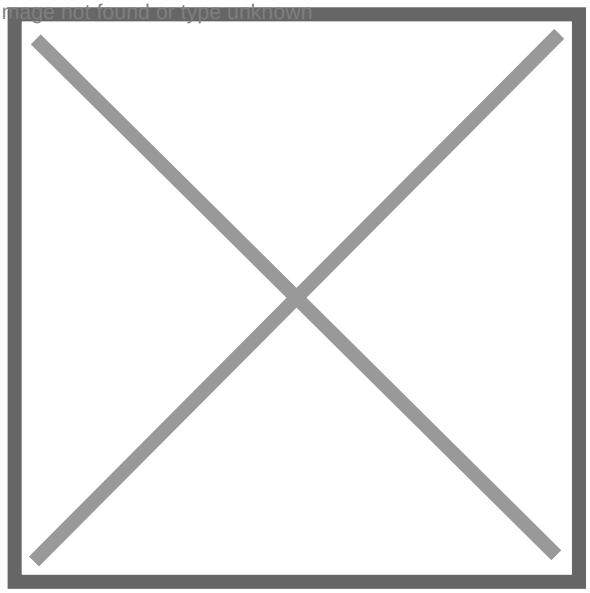
Product Name :

Columnar Epithelium

Product Code :

SCL447/0170

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Description :

Columnar Epithelium (Product Code: SCL447/0170) is a prepared microscope slide of columnar epithelium used to show the tall, column-shaped lining cells of the digestive tract in biology and histology practicals. It lets students link cell shape with absorption and secretion without having to section or stain tissue themselves. The slide is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for schools, colleges and teacher-training laboratories.

Key Details

Parameter	Detail
Type	Prepared microscope slide (animal tissue)
Specimen	Columnar epithelium
Slide material	Borosilicate glass
Slide colour	Clear
Storage box	Plastic, white, rectangular
Application	Laboratory use – tissue identification and histology practicals
Product code	SCL447/0170
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Columnar Epithelium Slide Used For?

In a tissues practical, students place the slide on the stage, find the lining layer under low power and then move to high power to record the features that define columnar epithelium: cells that are clearly taller than they are wide, oval nuclei lying in a row towards the base of the cells, and a free surface facing the lumen. Depending on the organ the tissue came from, that free surface may show a brush border of microvilli or scattered goblet cells that secrete mucus — useful talking points when linking structure to the absorptive and secretory work of the stomach and intestine lining.

Teachers often pair this slide with a squamous epithelium slide so the class can draw the two side by side and compare cell height, nucleus position and function. As with any cell biology equipment handled by many students, hold the slide by its edges, use the coarse focus only at low power so the objective never presses on the glass, and wipe the surface with lens tissue before returning it to its white plastic box.

Supplier

The slide is supplied by Jain Scientific Equipments Private Limited, which trades under the ScienceLab brand from Ambala, Haryana, India. Purchase departments that need vendor registration details can use the company's GSTIN, 06AAECJ8618A1ZT, and its Legal Entity Identifier (LEI), 3358004HRD1JIVXKYX49. More about the company is on our company profile page

Rela

Items

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