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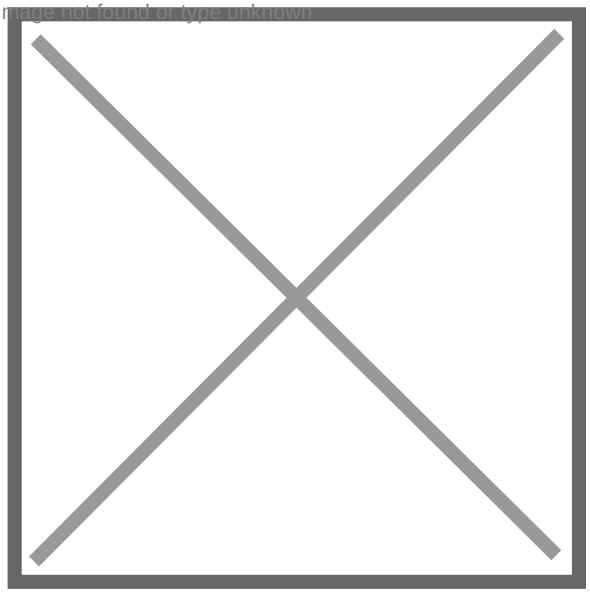
Product Name :

Plain Flat Epithelium

Product Code :

SCL409/0104

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Description :

Plain Flat Epithelium (Product Code: SCL409/0104) is a prepared microscope slide of simpleflat (squamous) epithelium used to introduce animal tissues in school and college histologylessons. Biology students use it to recognise the thin, tile-like cells that line surfaces wheresubstances must pass through quickly, observing a coloured preparation on borosilicate glass.This histology slide is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India, as one of its permanent slides for biology teaching.

Key Details

Parameter	Detail
Tissue	Plain (simple) flat epithelium
Slide material	Borosilicate glass
Preparation	Coloured
Box	White plastic, rectangular shape
Dimensions (from listing)	25.4 mm x 76.2 mm (1 x 3 in)
Use	Laboratory
Product code	SCL409/0104
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Flat Epithelium Slide Used For?

Simple squamous epithelium is a single layer of very thin cells whose irregular edges fit together like paving stones, each with a flattened nucleus near its centre. It is usually the first tissue type in a histology course because the pattern is easy to recognise. In the body this lining is found where fast exchange is needed, such as the air sacs of the lungs, the inner surface of blood vessels and the linings of body cavities, and the slide gives students a clear example to compare against.

A good exercise is to ask pupils to draw a small group of cells, marking the cell boundaries and nuclei, and then explain why a thin layer suits diffusion. Use medium power to see the mosaic of cells and high power to study individual nuclei. The slide also prepares learners for later work on other epithelia, such as cuboidal, columnar and stratified types.

Supplier

This epithelium slide is sourced and supplied by ScienceLab, the business name of Jain Scientific Equipments Private Limited in Ambala, Haryana. Histology slides like this are supplied to schools, colleges, medical and nursing teaching labs and dealers, and a single enquiry can bring together tissue slides, microscopes and storage. To find out more, read the ScienceLab company profile.

Related Laboratory Equipment

Usefu