Email : sales@scilabexport.com
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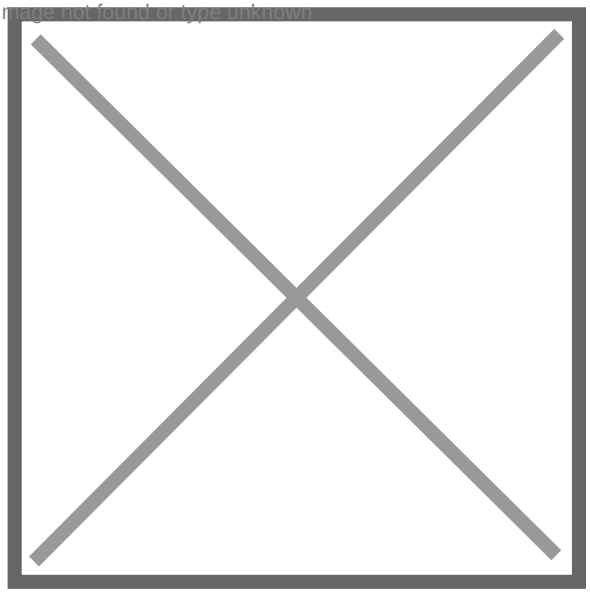
Product Name :

Lungs, Cross Section

Product Code :

SCL417/0108

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Description :

Lungs, Cross Section (Product Code: SCL417/0108) is a prepared microscope slide of a transverse section of lung tissue used to show the alveoli and airways where gas exchange takes place, in biology and physiology teaching. Students use it to see why the lung's spongy, thin-walled structure suits breathing, looking at a coloured section on borosilicate glass. As one of the histology slides for school and college laboratories, it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Organ	Lung
Cut	Cross section
Slide material	Borosilicate glass
Section	Coloured
Box	Plastic, white, rectangular
Dimensions (as listed)	25.4 mm x 76.2 mm (1 x 3 in)
Use	Laboratory
Product code	SCL417/0108
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Lung Cross Section Slide Used For?

At low power a lung section looks like lace: countless small air spaces, the alveoli, separated by very thin walls. Students learn to trace the air route inward, from a bronchiole with its folded lining and ring of smooth muscle to the alveolar ducts and the clusters of alveoli at the end. Small blood vessels running close to the alveolar walls help them understand how oxygen and carbon dioxide cross such a short distance between air and blood.

The section supports exam topics on gas-exchange surfaces, where learners explain the large surface area, thin barrier and rich blood supply that make diffusion efficient. Scan at low power first to find a bronchiole, then use high power to study a single alveolar wall. It can also prompt a discussion of how smoking and lung disease damage these delicate walls.

Supplier

ScienceLab is the brand of Jain Scientific Equipments Private Limited, an Ambala, Haryana company that supplies organ sections such as this lung slide to science departments, medical and nursing teaching labs and resellers in India and international markets. Respiratory-system lessons can be equipped through one enquiry that combines the slide with lung models and microscopes. Read more on the ScienceLab profile page.

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