Email : sales@scilabexport.com
Phone: +91-7082934803

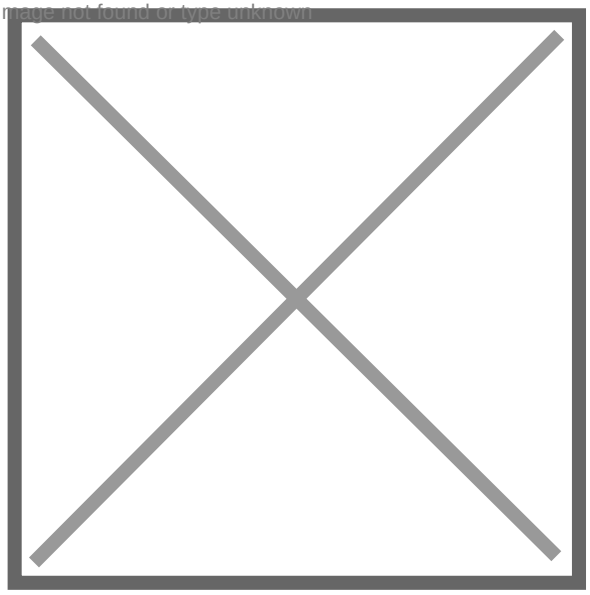
Product Name :

Skeletal Muscle, Longitudinal and Transverse Incisions

Product Code :

SCL411/0105

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Description :

Skeletal Muscle, Longitudinal and Transverse Incisions (Product Code: SCL411/0105) is a prepared microscope slide showing skeletal muscle cut both lengthwise and across, used toteach the structure of striated muscle in biology and physiology classes. Students compare thetwo cutting planes on one coloured preparation mounted on borosilicate glass. For schools and colleges building a set of prepared microscope slides, it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Tissue	Skeletal muscle
Sections	Longitudinal and transverse (as named)
Slide material	Borosilicate glass
Preparation	Coloured
Box	Plastic, white, rectangular
Dimensions stated	25.4 mm x 76.2 mm (1 x 3 in)
Use	Laboratory
Product code	SCL411/0105
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Skeletal Muscle Slide Used For?

Seeing muscle in two planes answers a question students often struggle with: what a long fibre looks like when it is sliced across. In the longitudinal section the fibres appear as long, parallel cylinders crossed by fine light and dark bands, the striations, with several nuclei pressed to the edge of each fibre. In the transverse section the same fibres become rounded or many-sided profiles packed into bundles, again with nuclei at the rim.

Teachers use the slide to connect microscopic banding with how muscles contract and to contrast voluntary skeletal muscle with smooth and cardiac muscle. Striations are clearest at high power with the condenser diaphragm partly closed to raise contrast. Asking students to sketch both views side by side, and to label fibre, nucleus and striation in each, makes the three-dimensional structure easier to picture.

Supplier

Jain Scientific Equipments Private Limited, whose trading name is ScienceLab, supplies this muscle-tissue slide from Ambala, Haryana to teaching laboratories and resellers in India and international markets. Physiology and anatomy departments can ask for the slide on the same quotation as muscle models, other tissue slides and microscopes. The ScienceLab profile page descr

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