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

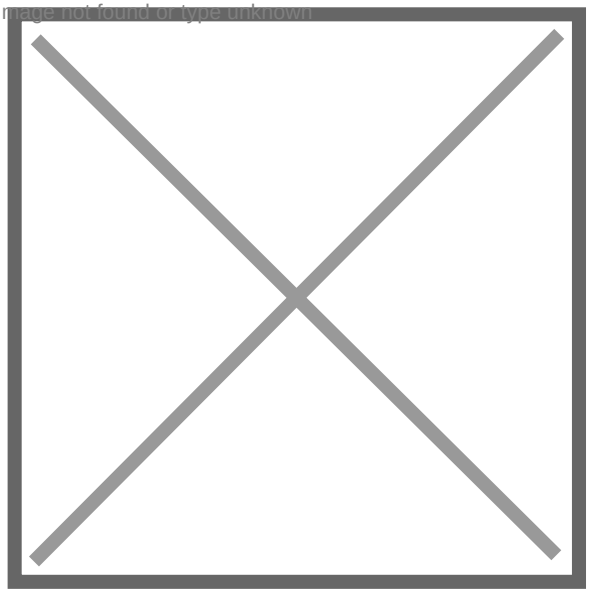
Product Name :

Striated Muscle Fiber

Product Code :

SCL437/0164

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Description :

Striated Muscle Fiber (Product Code: SCL437/0164) is a prepared microscope slide of striated (skeletal) muscle used to show the voluntary muscle that moves the bones in zoology and human physiology practicals. Its alternating light and dark cross-bands make it one of the easiest animal tissues for students to recognise, and it is a standard piece of zoology lab equipment in schools and colleges. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, in a white plastic box.

Key Details

Parameter	Detail
Tissue	Striated (skeletal) muscle fibres
Slide	Borosilicate glass, clear
Box material	Plastic
Box appearance	White, rectangular
Application	Laboratory
Product code	SCL437/0164
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Striated Muscle Fiber Slide Used For?

Skeletal muscle fibres are long, unbranched cylinders, each containing many nuclei pushed to the edge just beneath the cell membrane (sarcolemma). Across every fibre runs a regular pattern of dark and light bands produced by overlapping protein filaments inside the myofibrils. Students use the slide to identify these bands and the peripheral nuclei, and teachers use it to explain how the sliding of filaments within each repeating unit shortens the whole muscle.

In a microscope slides set for school muscle practicals, this specimen is the one that makes striations easiest to see, so it is worth viewing before cardiac muscle, where the bands are fainter. Partly closing the condenser diaphragm increases contrast and makes the cross-bands stand out. Clean the slide with lens tissue, and keep it boxed so the surface is not scratched by other slides.

Supplier

Jain Scientific Equipments Private Limited is the company behind the ScienceLab brand. From Ambala, Haryana, India, it supplies this striated muscle slide to schools, colleges and distributors in India and international markets, and a replacement for a single broken slide in a class set can be requested by its product code. Visit the company profile for details.

Related Biology Lab Equipment

Useful items to use alongside this slide: