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Phone: +91-7082934803

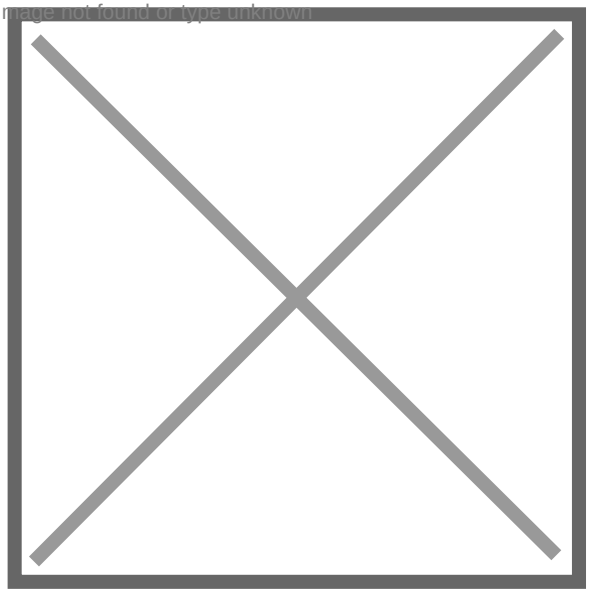
**Product Name :**

Cardiac Muscle

**Product Code :**

SCL438/0165

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## Description :

**Cardiac Muscle** (Product Code: SCL438/0165) is a prepared microscope slide of heart muscle used to teach the branched, striated tissue that forms the wall of the heart in biology, zoology and physiology practicals. Students use it to find intercalated discs and centrally placed nuclei, the features that separate cardiac muscle from skeletal and smooth muscle. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, on clear borosilicate glass in a white plastic box.

### Key Details

| Parameter | Detail |
|---|---|
| Specimen | Cardiac (heart) muscle |
| Slide material | Borosilicate glass |
| Transparency | Clear |
| Case | Plastic box, white, rectangular |
| Where used | Laboratory |
| Product code | SCL438/0165 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is the Cardiac Muscle Slide Used For?

Cardiac muscle combines features of the other two muscle types: like skeletal muscle it is striated, and like smooth muscle it is involuntary and has centrally placed nuclei. What sets it apart is that its fibres branch and join end to end at dark, step-like intercalated discs. On this slide students locate the branching network, the central nuclei and the discs, and teachers use those structures to explain how an electrical impulse spreads quickly so the heart contracts as one unit.

Used with the smooth and striated muscle slides, it completes one of the most common comparison exercises among biology teaching aids for animal tissues. The cross-striations are fainter than in skeletal muscle, so use the high-power objective with reduced condenser light and scan until a clear intercalated disc comes into view. Store the slide in its plastic box between sessions.

### Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which supplies this cardiac muscle slide from Ambala, Haryana, India, to institutions in India and international markets. For vendor registration, the supplying company’s GSTIN is 06AAECJ8618A1ZT, and its export consignments are handled under Importer-Exporter Code AAECJ8618A issued by the DGFT. Read our company profile for more.

### Related Biology Lab Equipment

Items

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