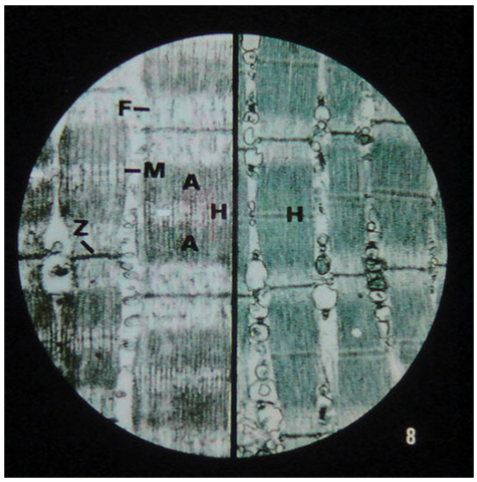
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Microslide Nerve & Muscle Action

Product Code :

SLE/PS/97



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

Description :

Microslide Nerve & Muscle Action (Product Code: SLE/PS/97) is a set of 8 related 35 mm images taken through a microscope, used to follow a nerve impulse from a single nerve cell to a contracting muscle in biology and physiology lessons. Its distinguishing frames show sarcomeres in both the relaxed and contracted state, with synapses, synaptic knobs and the nerve-muscle junction along the way. The set is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** , Ambala, India.

Specifications

Parameter	Detail
What you get	8 related 35 mm images photographed through a microscope
Nerve images	Single Cell; Synapse; Axons; Myelinated Axons; Synaptic Knobs
Junction image	Nerve-Muscle Junction
Muscle images	Striated Muscle Cell; Sarcomeres – relaxed and contracted
On-image help	Arrows and callouts locate the important structures
Text folder	Detailed folder that informs and questions students, with a handy pocket for the Microslides
Viewed with	Microslide Viewer
Product code	SLE/PS/97
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Microslide Nerve & Muscle Action Used For?

Teachers use the set to tell one continuous story. Students start with a whole nerve cell, compare plain axons with myelinated axons, and then look closely at a synapse and the synaptic knobs where the signal passes from one cell to the next. The nerve-muscle junction image shows where that signal reaches a muscle fibre.

The last frames switch to the muscle itself: a striated muscle cell, followed by sarcomeres shown relaxed and contracted, which makes the shortening of the sarcomere during contraction easy to explain. With the callouts as a guide and the text folder questions to answer, this set suits both class teaching and self-study at senior secondary and early college level, and pairs well with a synapse model on the demonstration bench.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, Ambala, Haryana, which supplies Microslide Nerve & Muscle Action to schools, colleges and distributors. Shipments outside India are handled under Importer-Exporter Code AAECJ8618A (DGFT), and the company is GST-registered under GSTIN 06AAECJ8618A1ZT. Background on the business is on our comp

Rela