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Product Name :

Dissectible Human Neuron

Product Code :

SLE/A/150



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Description :

The **Dissectible Human Neuron** (Product Code: SLE/A/150) is a schematic model of a nervecell and its axon, showing the medullary (myelin) sheath and Schwann's sheath, that separatesinto 3 parts and stands on its own base. Its simplified, uncluttered design suits secondary schooland pre-university classes that need to learn the basic parts of a neuron before moving to more detailed cell biology. It is one of the biology teaching aids in India made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Representation	Schematic nerve cell and axon
Sheaths shown	Medullary sheath and Schwann's sheath
Dissection	Dissectible into 3 parts
Mounting	On stand with base
Size	53 × 17 × 22 cm

Typical Use

A schematic neuron strips away microscopic clutter so beginners can concentrate on the essentials: the cell body, the long axon that carries the impulse, and the two coverings around it. Teachers can separate the 3 parts to show how the axon sits inside its medullary sheath and how Schwann's sheath lies outside, then reassemble the model on its stand to summarise the whole cell.

It is a practical piece of science lab equipment for class 12 and junior college biology chapters on neural control and coordination, and also works for introductory nursing and psychology courses. Because it is mounted on a stand, it can be left on display at the front of the class throughout a unit on the nervous system.

Manufacturer

The neuron is made in India by **Jain Scientific Equipments Private Limited**, an Ambala, Haryana enterprise that trades as **ScienceLab** and supplies schools and colleges with teaching models. For more on the company, open the company profile.

Related Human Models

Useful next steps after this introductory neuron:

- Neuron Model — a highly magnified neuron with organelles for advanced classes
- Human Nerve Ending and Synapse Model — shows how one neuron passes its signal to the next
- Human Nervous System Model — places neurons in the context of the brain, cord and spinal nerves
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