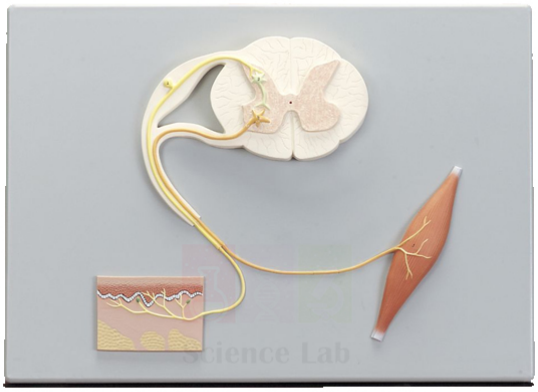
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Product Name :

Human Reflex Pathway Model

Product Code :

SLE/A/40



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Description :

Human Reflex Pathway Model (Product Code: SLE/A/40) is a plaque-mounted model that lays out a typical reflex arc from start to finish: the sensory side that detects a stimulus, the neural connections in the spinal cord and the motor side that produces the response. Each structure is numbered and matched to an accompanying key, so the pathway can be read like a labelled diagram in relief. Physiology, psychology, nursing and senior biology teachers use it among their biology teaching aids in India, and it is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Plaque-mounted model of a human reflex pathway
Size	53 × 38 cm
Components shown	Sensory, neural and motor components of a typical reflex arc
Labelling	Pertinent structures numbered and referenced on the accompanying key
Mounting	Plaque mount

Typical Use

Reflexes are one of the first topics where students must connect structure with function in the nervous system. With this model a teacher can trace the route of a signal in order: the receptor picks up the stimulus, the sensory neuron carries it to the spinal cord, connections there pass it on, and the motor neuron carries the command to the effector muscle. Demonstrating a knee-jerk or withdrawal reflex on a volunteer immediately afterwards makes the pathway memorable.

Because the plaque is flat, it can be hung on a wall or propped on an easel as a reference throughout a neurology unit. The numbered key also makes it convenient for practical tests: cover the key and ask students to name each numbered structure and state whether it belongs to the sensory, neural or motor part of the arc.

Manufacturer

Made in Ambala, Haryana by **Jain Scientific Equipments Private Limited** (trading as **ScienceLab**), this model is one of many teaching items the company provides to schools, universities and training institutes in India and international markets. Our company profile has further details.

Related Human Models

These models help students see where each part of the reflex arc sits in the body:

- Human Spinal Cord Section Model — enlarges the grey and white matter where reflex connections are made.
-
- m.
- n.