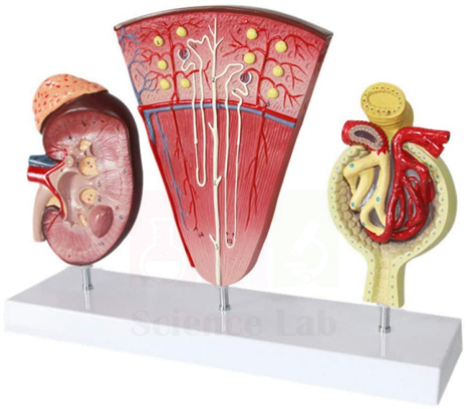
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**Product Name :**

Human Kidney, Nephron, and Glomerulus Model Set

**Product Code :**

SLE/A/21



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# Description :

**Human Kidney, Nephron, and Glomerulus Model Set** (Product Code: SLE/A/21) is a three-part renal model set used to teach kidney structure and urine formation at three magnifications in colleges, medical schools and senior secondary labs. A sectioned kidney at 3× life size, 2 nephrons at 120× and a glomerulus at 700× share one base measuring 65 × 9 × 30 cm. It ismade by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of schoolbiology lab equipment in India, at its own factory in Ambala.

## Specifications

| Parameter | Detail |
|---|---|
| Type | Three-part renal model set |
| Sectioned kidney | 3× life size |
| Nephrons | 2 nephrons, 120× life size |
| Glomerulus | 700× life size |
| Size | 65 × 9 × 30 cm |
| Mounting | Mounted on base |
| Product code | SLE/A/21 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

## What Is the Kidney, Nephron and Glomerulus Model Set Used For?

A typical lesson starts with the enlarged kidney section to locate the cortex, medulla and pelvis, moves to the nephrons to follow filtrate along the tubule and collecting duct, and ends at the glomerulus, where the capillary tuft meets its capsule and filtration begins. Seeing the three scales side by side helps students grasp that the organ in front of them is built from vast numbers of microscopic filtering units.

Pharmacology teachers use the nephron to point out the tubule segments on which different diuretics act, and nursing or physiotherapy courses use the set when covering fluid balance and kidney failure. As the renal centrepiece of a human biology model set, it also suits group work: give each team one scale and ask them to explain their part to the class in sequence. Keep the base on a level surface and dust the models with a soft brush.

## OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of this renal model set. The three magnified models and their base are produced at the company's own licensed factory at Saha, Ambala, Haryana, India, so colleges, dealers and importers buy them factory-direct rather than through a trading intermediary. For repea
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