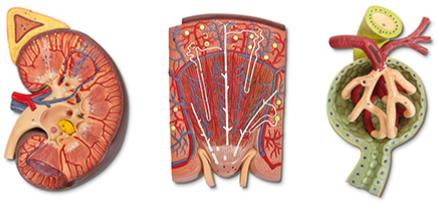
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**Product Name :**

Human Kidney, Nephron and Renal Corpuscle Model

**Product Code :**

SLE/A/143



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## Description :

**Human Kidney, Nephron and Renal Corpuscle Model** (Product Code: SLE/A/143) is a plaque-mounted series of 3 greatly enlarged models used to teach renal physiology from organ tofiltering unit in medical, nursing, pharmacy and senior school programmes. It combines a 2 1/2×life-size dissection of the kidney and adrenal gland, a schematic nephron and a renal corpuscleon a plaque measuring 69 × 29 × 10 cm overall. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of school biology lab equipment in India, at its own factory in Ambala.

### Specifications

| Parameter | Detail |
|---|---|
| Format | Plaque-mounted series of 3 models |
| Overall size | 69 × 29 × 10 cm |
| Scale | Greatly enlarged |
| Model 1 | 2 1/2× life-size dissection of the kidney and adrenal gland |
| Model 2 | Schematic enlargement showing anatomical details of an individual nephron |
| Model 3 | Renal corpuscle with Bowman's capsule, glomerulus and juxtaglomerular apparatus |
| Product code | SLE/A/143 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the Kidney, Nephron and Renal Corpuscle Model Used For?

The three models on one plaque follow the order in which urine formation is usually taught. Lecturers begin with the dissected kidney, move to the nephron to explain how fluid is modified as it passes along the tubule, and finish at the renal corpuscle, where blood is filtered from the glomerulus into Bowman's capsule. The juxtaglomerular apparatus then gives a starting point for discussing how the kidney helps regulate blood pressure.

Because everything is fixed to one plaque, the full sequence stays together for display in a physiology laboratory or museum room and is quick to set up for a lecture. It is a strong addition to biology teaching aids in India for courses that examine the nephron in detail. Dust the plaque regularly and avoid propping it where it could slip.

### OEM Manufacturer

Jain Scientific Equipments Private Limited, known by its trading name ScienceLab, is the OEM (original equipment manufacturer) of this renal plaque series and makes it at its own licensed factor y it factor e answ