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

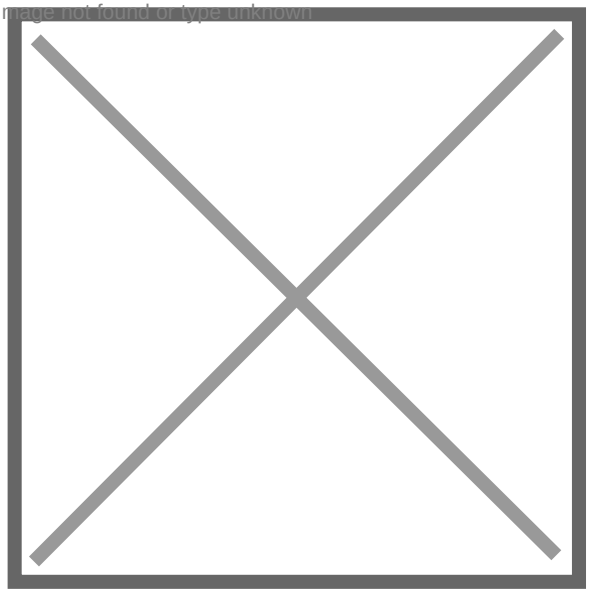
**Product Name :**

Mitosis

**Product Code :**

SCL507/0226

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## Description :

**Mitosis** (Product Code: SCL507/0226) is a laminated wall chart used to teach how one cell nucleus divides into two genetically identical daughter nuclei in school and college biology classes. Measuring 75 x 100 cm on polyart, it gives the whole class a large shared reference during onion root tip practicals, which makes it useful cell biology equipment for India's school laboratories. The chart is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM biology lab equipment manufacturer in India, at its own factory in Ambala.

### Specifications

| Parameter | Detail |
|---|---|
| Type | Chart |
| Subject | Mitosis (cell division) |
| Material | Polyart |
| Size | 75 x 100 cm |
| Finish | Laminated |
| Used in | Schools and laboratories |
| Product code | SCL507/0226 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the Mitosis Chart Used For?

Mitosis is a continuous process that textbooks break into named stages: prophase, metaphase, anaphase and telophase, followed by division of the cytoplasm. With a large chart in view, the teacher can move through the process in order and pause at each point to ask what the chromosomes, the spindle and the nuclear envelope are doing. The chart is also a natural starting point for explaining why mitosis matters, since growth, the repair of damaged tissue and asexual reproduction all depend on it.

The standard practical is the onion root tip squash. Students stain the growing tip with acetocarmine, spread it gently under a coverslip and search the field for cells caught at different stages, naming each one against the chart and counting how many cells are dividing. Many schools then add three-dimensional mitosis models, so the flat sequence on the wall becomes a set of objects students can arrange in order themselves.

### OEM Manufacturer

The Mitosis chart is an own-make product. Jain Scientific Equipments Private Limited, trading as ScienceLab, is its OEM (original equipment manufacturer) and produces it at the company's licensed factory at Saha, Ambala, Haryana, India. Schools and dealers building a series of cell biolog hing titles ofile.

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