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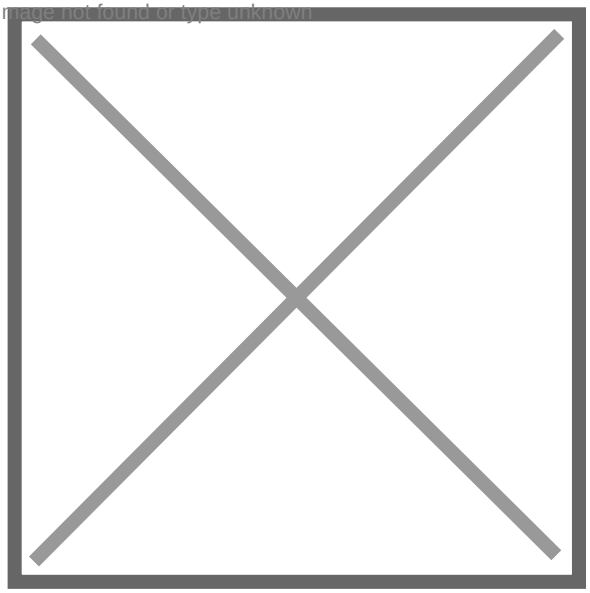
**Product Name :**

T.S Morula

**Product Code :**

SCL452/0175

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## Description :

**T.S Morula** (Product Code: SCL452/0175) is a prepared transverse section of a morula, the solid, mulberry-like cluster of cells produced by the first cleavage divisions, used to teach early embryo formation in biology and zoology laboratories. Teachers use it to show that the young embryo divides repeatedly without growing, so its cells become smaller with each division. It is suppliedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a biology lab equipment supplierin India, on borosilicate glass in a white plastic box.

### Key Details

| Parameter | Detail |
|---|---|
| Category | Prepared microscope slide, developmental biology |
| Stage | Morula |
| Cut | Transverse section (T.S.) |
| Glass | Clear borosilicate |
| Storage | Plastic box, white, rectangular |
| Suitable for | Laboratory lessons on cleavage and early embryo formation |
| Product code | SCL452/0175 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is the T.S. Morula Slide Used For?

Under the microscope the section shows a solid mass of blastomeres with no internal cavity — the feature that separates a morula from the later blastula. Students estimate how many cells appear in the section, compare their sizes, and discuss why cleavage consists of rapid mitotic divisions with little growth in between. The name comes from the Latin word for mulberry, and asking the class to explain the comparison is a quick check that they have noticed the knobbly outline of the cell cluster.

A practical sequence that runs from mitosis slides to the morula and then to the blastula shows how repeated cell division builds an embryo before any cells begin to specialise. When putting together a microscope slides set for school development lessons, the morula is almost always paired with the blastula for exactly this reason. Between classes keep the slide in its plastic box, away from hot lamps and damp benches.

### Supplier

The T.S Morula slide is supplied by ScienceLab, the trading name of Jain Scientific Equipments Private Limited, headquartered in Ambala, Haryana, India. Schools and colleges in India and international markets can order it on its own or together with the blastula slide – see our company profile for more about the company.

### Rela

Items

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