Email : sales@scilabexport.com
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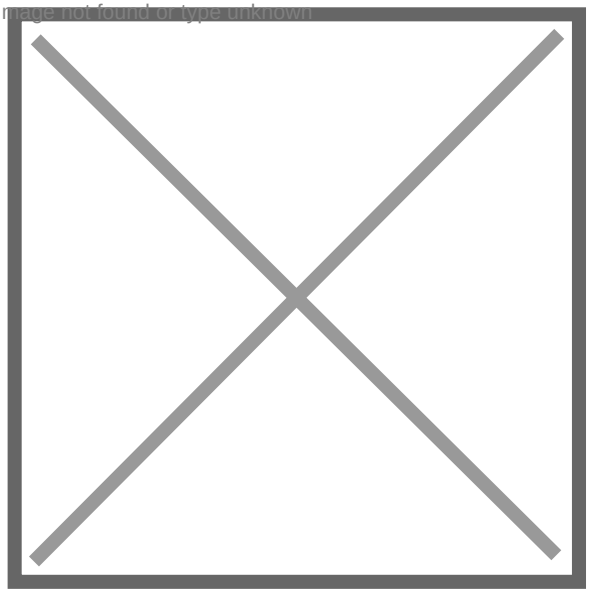
**Product Name :**

Ts Of Monocot Root

**Product Code :**

SCL475/0153

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## Description :

**Ts Of Monocot Root** (Product Code: SCL475/0153) is a prepared microscope slide carrying a transverse section of a monocotyledonous root, used to teach root anatomy in school, collegeand university botany classes. Students use it to trace how the tissues of a monocot root arearranged from the outer surface to the large central pith, on a clear borosilicate glass slide storedin a white plastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, a biology lab equipment supplier in India, as part of its prepared microscope slides forplant anatomy teaching.

### Key Details

| Parameter | Detail |
|---|---|
| Specimen | Monocot root |
| Section | Transverse section (TS) |
| Slide material | Borosilicate glass |
| Slide appearance | Clear |
| Storage box | Plastic, white, rectangular |
| Intended use | Laboratory |
| Product code | SCL475/0153 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is the Monocot Root Section Slide Used For?

In a root anatomy practical the slide goes on the stage of a compound microscope, the section is found under the low-power objective, and students trace the tissues inwards: the epiblema with its root hairs, a broad parenchymatous cortex, the endodermis, the pericycle, and a ring of many alternating xylem and phloem groups around a large central pith. The high number of xylem groups (the polyarch condition) and the wide pith are the features examiners usually expect students to point out.

Teachers often keep this slide next to a dicot root section so a class can draw and label both in one session, which makes it useful botany lab equipment for comparison exercises. Hold the slide by its edges, wipe the glass with lens tissue if fingerprints appear, and return it to its plastic box after the lesson.

### Supplier

This slide is supplied by Jain Scientific Equipments Private Limited, a company that trades as ScienceLab from Ambala, Haryana, India, and serves teaching laboratories in India and international markets. Read more on our company profile page.

### Related Biology Lab Equipment

Items

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