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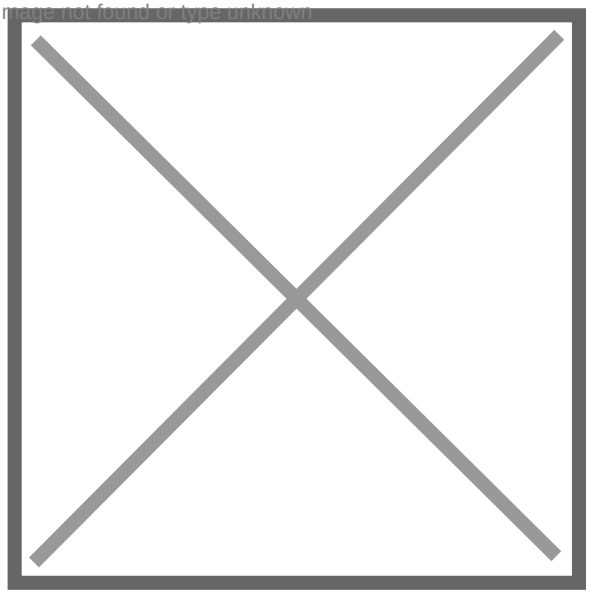
Product Name :

Prepared Microscope Slide Set – Transport In Plants

Product Code :

SLE/PS/108

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Description :

Prepared Microscope Slide Set – Transport In Plants (Product Code: SLE/PS/108) is a set of prepared glass microscope slides used to trace the path of water and food through roots, stems and leaves in plant biology practicals. It includes 5 slides each of eight preparations, from Vicia root hairs and sunflower roots to Helianthus, Zea and Tilia stems and the rolled leaf of marram grass. The set is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Vicia (root apex)	5 slides
Vicia young root hairs	5 slides
Helianthus (sunflower), young and old root TS	5 slides
Helianthus, stem, bundles TS	5 slides
Helianthus, old stem, TS and LS	5 slides
Zea stem TS and LS	5 slides
Tilia old stem (RLS)	5 slides
Ammophila (marram grass), leaf TS	5 slides
Product code	SLE/PS/108
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

TS = transverse section; LS = longitudinal section; RLS = radial longitudinal section.

What Is the Prepared Microscope Slide Set – Transport In Plants Used For?

The slides follow water upward through the plant. Students begin at the Vicia root apex and young root hairs, where water enters, then examine young and old sunflower roots to locate the central xylem and phloem. Stem sections of Helianthus and Zea compare the ring of vascular bundles in a dicot with the scattered bundles of a monocot, and the TS and LS pairs show the same tissues cut two ways.

The old Helianthus and Tilia stems show how vascular tissue builds up as a stem ages, and the marram grass leaf, adapted to dry sand dunes, links transport to water loss and transpiration. Five copies of each slide allow small groups to share preparations, and teachers often run the set alongside a transpiration experiment so observation and measurement come together. It is a focused addition to any plant biology lab equipment list.

What to Specify When Ordering

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