Email : sales@scilabexport.com
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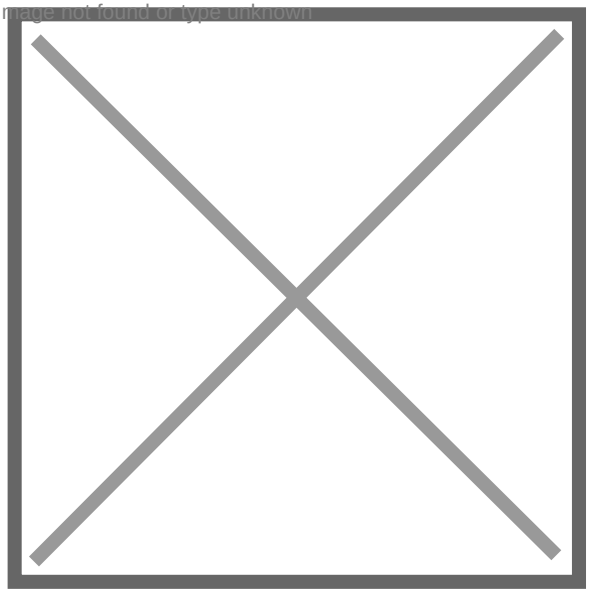
Product Name :

Collenchyma

Product Code :

SCL481/159

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Description :

Collenchyma (Product Code: SCL481/159) is a prepared slide of collenchyma, the living supporting tissue that keeps young stems, petioles and leaf midribs firm while they grow, used in plant tissue lessons. Students examine it to learn how uneven wall thickening provides strength without stopping growth, and teachers use it to bridge parenchyma and sclerenchyma; it is clear borosilicate glass in a white rectangular plastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for school and college botany labs.

Key Details

Parameter	Detail
Tissue	Collenchyma
Slide glass	Borosilicate
Slide colour	Clear
Box	Plastic, white, rectangular
Purpose	Laboratory study of plant tissues
Product code	SCL481/159
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Collenchyma Slide Used For?

Collenchyma cells are alive at maturity, and their walls are thickened with cellulose and pectin, most often at the corners where several cells meet (angular collenchyma). Under high power the thickened corners look bright and glassy, while the rest of the wall stays thin and intercellular spaces are few. In dicot stems this tissue usually lies just below the epidermis as a hypodermis, which is why it is often studied alongside a dicot stem section.

When schools assemble a microscope slides set for plant tissues, collenchyma is the slide that explains how a herbaceous stem can bend in the wind without snapping. A useful task is to ask students to draw three adjacent cells and shade only the thickened corners. After use, lift the slide from the stage without sliding it across the clips and return it to its box.

Supplier

This item comes from Jain Scientific Equipments Private Limited, an Ambala, Haryana company that supplies it under the ScienceLab name to education and research buyers in India and international markets. Find out more on our company profile.

Related Biology Lab Equipment

Related items for a supporting-tissue practical:

- Parenchyma — the thin-walled tissue with which collenchyma is compared.
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-
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