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

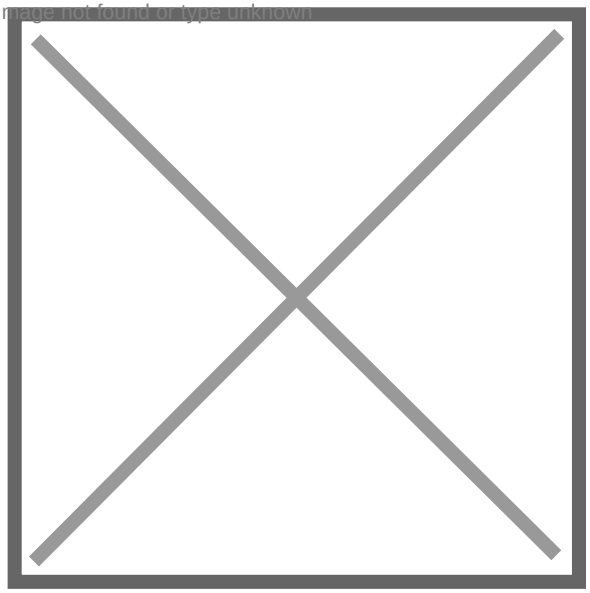
Product Name :

Plant Cell Structure

Product Code :

SLE151/1.19

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Description :

Plant Cell Structure (Product Code: SLE151/1.19) is a realistic three-dimensional model that presents a plant cell as it would appear through an electron microscope, so a whole class can identify its organelles at a glance. Part of the cell wall is cut away to expose the plasma membrane, vacuoles, plastids, mitochondria and nucleus, which makes it a practical plant cell model for school and college biology lessons. It is made by a scientific instruments manufacturer in India, **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Three-dimensional plant cell model
View represented	Plant cell as seen through an electron microscope
Material	PVC, non-toxic
Dimensions	180 x 300 x 60 mm
Structures shown	Plasma membrane, vacuoles, plastids, mitochondria, nucleus
Cut-away	A portion of the cell wall is removed to reveal the interior
Colour	Colour coded for easy identification
Mounting	On a base, with numbered key card

Typical Use

Set the model on the demonstration bench when introducing cell biology, then use the numbered key card to quiz students on each coloured structure. Because the wall is partly removed, learners see how the rigid outer layer sits outside the plasma membrane – a point that often confuses beginners – and how much of the interior the vacuoles and plastids occupy. It is equally handy for revision before practical exams, when students compare their own onion-peel or leaf preparations under the microscope with the organised view the model provides.

Schools that stock cell biology equipment often pair this model with the animal cell version so that differences such as the cell wall and plastids can be discussed side by side. Wipe the PVC surface with a soft damp cloth and keep the key card with the model so the numbering stays usable.

Manufacturer

ScienceLab is the brand under which Jain Scientific Equipments Private Limited manufactures biology models and laboratory apparatus in Ambala, Haryana. Cell models like this one are produced for school, college and university classrooms and dispatched to buyers in India and international markets. Company background and contact points are summarised on our company profile.

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