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

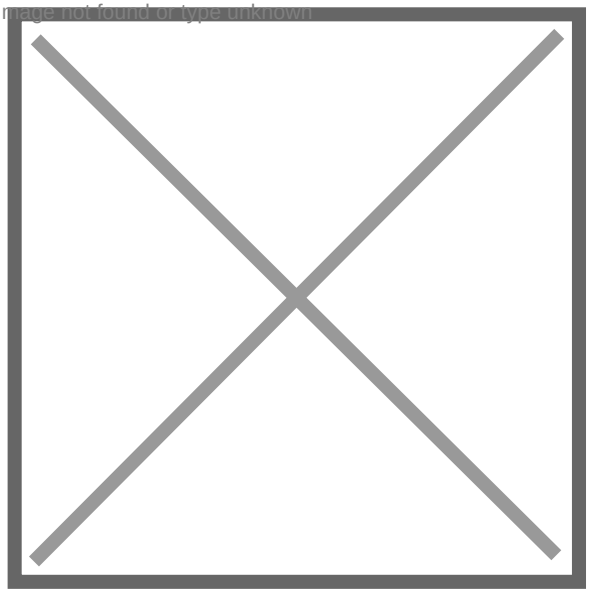
Product Name :

Animal Cell & Plant Cell

Product Code :

SCL471/0191

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Description :

Animal Cell & Plant Cell is a laminated wall chart that covers both an animal cell and a plant cell on one 75x100 cm polyart sheet. It supports the opening cell biology lessons: the nucleus, cytoplasm and cell membrane that both cells share, and thecell wall, chloroplasts and large vacuole found only in plant cells.

Cell comparison chart specifications

Parameter	Detail
Type	Chart
Topic	Animal cell and plant cell
Material	Polyart
Size	75x100 cm
Finish	Laminated
Used in	Schools and laboratory
Product code	SCL471/0191
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Microscope practicals that use the cell chart

Two mounts in one period. Students lift the thin inner skin from an onion scale leaf, stain it with safranine and mount it in glycerine on a plain slide under a coverslip. They then scrape the inside of the cheek gently with a clean toothpick, used once and discarded, stain the cells with methylene blue and compare both mounts with the chart.

Looking for chloroplasts. Onion peel has none, so students mount a single Hydrilla leaf or a moss leaf in a drop of water and find the green chloroplasts at high power on a monocular microscope. They then point out on the chart where chloroplasts sit in the plant cell.

Wall and membrane apart. Students place a strip of onion peel in strong salt solution for a few minutes. The cell contents shrink away from the wall, which stays in place, showing that the membrane and not the wall controls water movement. Back in plain water, the cells swell again.

Frequently Asked Questions About the Animal Cell & Plant Cell

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