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Product Name :

Animal Cell Model

Product Code :

SLE/BL/05



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Description :

The Animal Cell Model shows a typical animal cell enlarged 20,000 times, so a whole class can see organelles that a school microscope cannot resolve. It displays the nucleus, endoplasmic reticulum, mitochondria, ribosomes, Golgi apparatus, centrioles, lysosomes and fat vacuoles. At about 380 x 240 x 460 mm and 2350 g, it sits on a teacher's desk and moves easily between rooms.

Animal Cell Model specifications

Parameter	Detail
Magnification	Enlarged 20,000 times
Structures shown	Nucleus, endoplasmic reticulum, mitochondria, ribosomes, Golgi apparatus, centrioles, lysosomes, fat vacuoles
Dimensions	380 x 240 x 460 mm approx.
Weight	2350 g approx.
Product code	SLE/BL/05
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Cell biology lessons with the Animal Cell Model

From microscope to model. Students mount stained cheek cells and view them under a monocular microscope, drawing only what they can actually see. They then use the model to find the organelles that the light microscope could not show.

Plant and animal cells side by side. Stand the model next to a plant cell model and have students build a table of structures found in both cells or in only one. This prepares them for the familiar exam question on plant and animal cell differences.

Matching micrographs. Groups match each electron micrograph on the ultrastructure microslide of animal cells to the same organelle on the model, then write one line on what that organelle does.

Towards cell division. Point out the centrioles on the model, then move to the animal mitosis models to follow how the spindle forms and the chromosomes separate.

Frequently Asked Questions About the Animal Cell Model

How can students label the model by function as well as by name?

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mito

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