



Email : sales@scilabexport.com

Phone: +91-7082934803

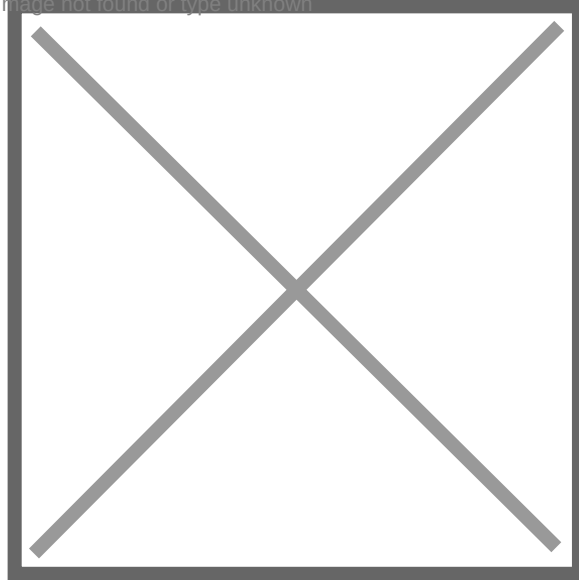
Product Name :

Amoeba

Product Code :

SCL458/0181

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1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana



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Description :

Amoeba (Product Code: SCL458/0181) is a prepared microscope slide of *Amoeba*, the free-living freshwater protozoan, used to teach single-celled animal life, pseudopodia and cell organelles in school and college biology laboratories. It is the classic organism for showing that one cell can be a complete living animal, and the specimen is mounted on clear borosilicate glass in a white plastic box. The slide is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, among its biology teaching aids.

Key Details

Parameter	Detail
Type	Prepared microscope slide (protozoan)
Organism	Amoeba, free-living
Glass	Borosilicate, clear
Box	Rectangular plastic box, white
Purpose	Laboratory study of protozoan cell structure and locomotion
Product code	SCL458/0181
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Amoeba Slide Used For?

It is used to teach students how to recognise a cell that has no fixed outline. Instead of relying on shape, they identify the amoeba by what it contains: a single nucleus, a granular inner endoplasm surrounded by a clearer outer ectoplasm, food vacuoles holding ingested particles, and a contractile vacuole that removes excess water. The blunt, finger-like pseudopodia held in place on a prepared slide show the directions in which the cell was extending when it was fixed.

Teachers also use the slide to explain phagocytosis — engulfing food by flowing pseudopodia around it — and to link this to the way white blood cells deal with bacteria in the human body; it is equally useful when introducing binary fission. Set beside *Paramecium* and *Euglena*, it lets students compare three single-celled organisms with very different lifestyles, and next to an *Entamoeba histolytica* slide it shows that closely related amoebae can be harmless or disease-causing.

Supplier

The Amoeba slide is supplied by **Jain Scientific Equipments Private Limited**, trading as **ScienceLab**, in Ambala, Haryana, India. The company puts together protozoa slides, models and charts for schools, colleges and dealers from one point of contact, and quotes for India and international markets. Our [company profile](#) has more information on the company.

Related Biology Lab Equipment

Items that su

- [Amoe](#)
- [Entan](#)

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