Email : sales@scilabexport.com
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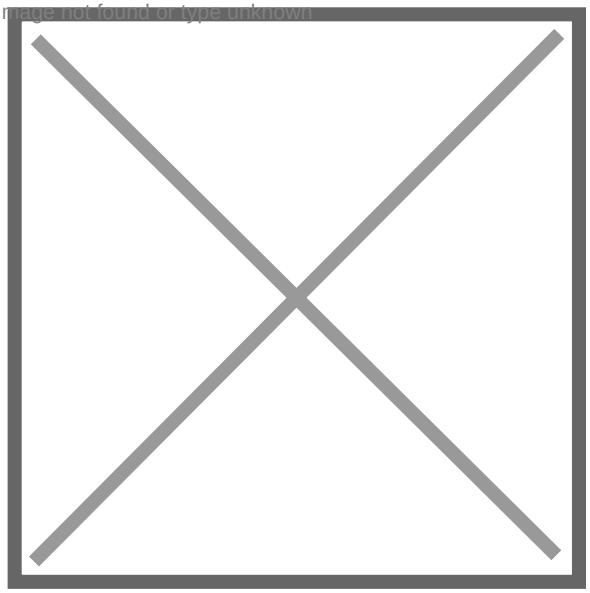
Product Name :

Conjugation of Spirogyra, Whole Body

Product Code :

SCL423/0111

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Description :

Conjugation of Spirogyra, Whole Body (Product Code: SCL423/0111) is a prepared microscope slide used to demonstrate sexual reproduction by conjugation in the filamentous green alga Spirogyra during botany and biology practicals. Teachers and students covering algae and plant reproduction use it because the whole-body specimen is coloured and mounted on borosilicate glass. As botany lab equipment for algae lessons, it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Specimen	Spirogyra in conjugation
Mount type	Whole body
Colouring	Coloured preparation
Slide glass	Borosilicate
Box	White plastic, rectangular
Dimensions (as listed)	25.4 mm x 76.2 mm (1 x 3 in)
Use	Laboratory
Product code	SCL423/0111
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Spirogyra Conjugation Slide Used For?

Spirogyra conjugation is the textbook example of sexual reproduction in green algae. In a conjugating whole mount, students generally look for two filaments lying side by side, the tubes that link their cells, and the passage of cell contents from one filament into the other. The coloured preparation helps the spiral chloroplasts and the joined cells stand out against the glass.

Show this slide after students have examined ordinary vegetative filaments, so they can compare the everyday and reproductive stages. Low magnification reveals the ladder-like pairing of filaments, while a higher objective shows what is happening inside individual cells.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab from Ambala in Haryana, supplies this Spirogyra slide as part of a wider range of botany teaching material. Institutions can combine algae slides with microscopes, charts and other preparations in one enquiry, which keeps purchasing for a practical lab simple. Read about the company on the ScienceLab profile page.

Related Laboratory Equipment

Pair t