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

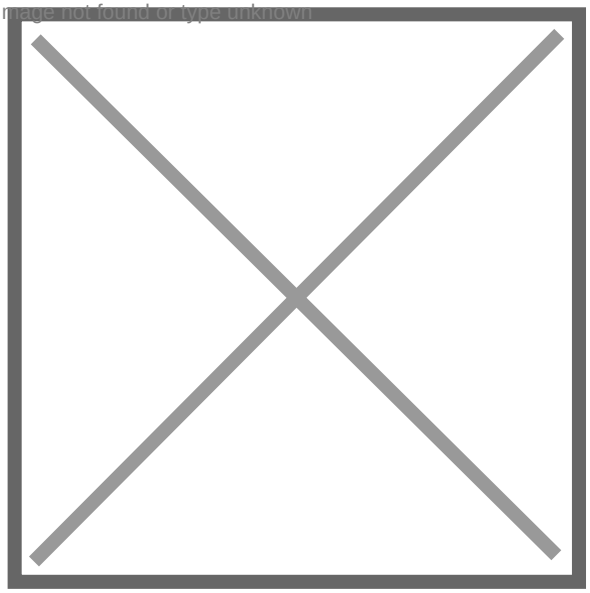
Product Name :

Dyes and Reagents for Microscopes

Product Code :

SCL215/08

Image not found or type unknown



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

Description :

Dyes and Reagents for Microscopes (Product Code: SCL215/08) is a staining set of six biological colorants with supporting reagents, used to stain and mount specimens for light microscopy in school and college biology labs. Teachers and students use it for temporary and permanent mounts; each stain has its own 10 ml bottle, alongside 25 ml of ethyl alcohol, 10 ml of Canada balsam and a 10 ml oil. This staining kit for the biology lab is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Stains	6 colorants, each in a 10 ml bottle
Stains included	Methylene blue, eosin, gentian violet, nigrosine, neutral red, Lugol's solution
Ethyl alcohol	25 ml
Canada balsam	10 ml
Oil	10 ml (listed as “eyelid oil”; confirm the exact oil when ordering)
Shelf life	Depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted
Product code	SCL215/08
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Microscope Stain Set Used For?

As a microscopy starter kit for school and college practicals, the set gives each stain a distinct job. Methylene blue colours nuclei in cheek cells and many microorganisms, while eosin gives cytoplasm a pink contrast. Gentian violet is the familiar first stain of Gram-staining exercises, nigrosine darkens the background so unstained bacteria stand out, and neutral red serves as a vital stain on living cells. Lugol's solution turns starch grains blue-black in potato preparations and makes nuclei in onion epidermis easier to see.

Ethyl alcohol is used for cleaning slides and for simple dehydration steps, and Canada balsam is the classic mounting medium when a good temporary mount is to be kept as a permanent slide. Apply stains a drop at a time and blot the excess with filter paper. Keep the bottles tightly closed and upright, store the set away from heat and sunlight, and keep the alcohol away from flames. Wear gloves and eye protection, and ask us for handling information on any reagent in the set.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, based in Ambala, Haryana, India. The company supplies this stain and reagent set to schools, colleges, dealers and institutional buyers in India and international markets, and can quote it together with the glass ying comp more