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

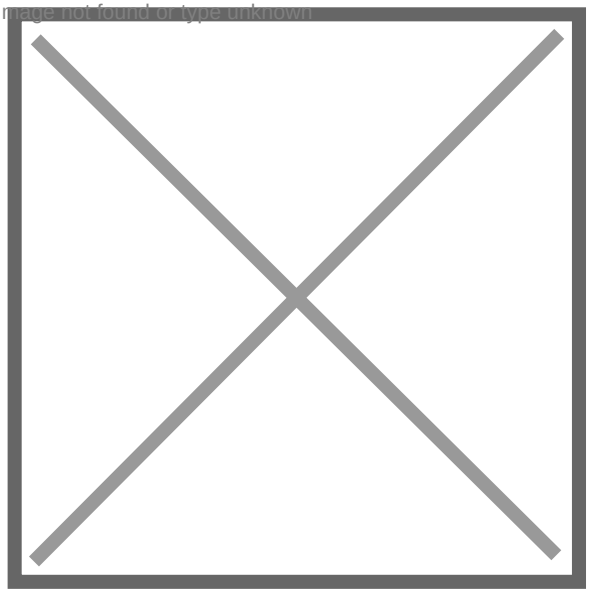
Product Name :

Lipase Enzyme (DNA Separation)

Product Code :

SCL394/0107

Image not found or type unknown



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

Description :

Lipase Enzyme (DNA Separation) (Product Code: SCL394/0107) is a fat-digesting enzymeused to break down the lipid membranes of cells and nuclei in classroom DNA separation andenzyme practicals. Biology teachers putting together a DNA extraction kit for school labs in Indiaorder it in a 250 g pack of analytical reagent grade, supplied with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product	Lipase enzyme
Listed grade	Analytical reagent
Capacity	250 g
Supplied with	MSDS (material safety data sheet)
Listed application	DNA separation practicals
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	SCL394/0107
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Lipase Enzyme Used For?

In a DNA separation practical, tissue is first broken up so that the cell and nuclear membranes can be opened. These membranes are rich in lipids, and lipase can be added to the extraction mixture to help digest them, often alongside a protease to remove proteins and a cellulase for plant cell walls. Once the cell contents are released and filtered, chilled ethanol is layered on top so that DNA separates out as fine white strands that students can spool onto a glass rod.

Lipase also earns its place in an enzyme experiment kit for school digestion lessons: added to milk or another fat emulsion with a suitable pH indicator, it produces fatty acids, and the resulting colour change shows the enzyme at work. Running tubes at different temperatures, or with boiled enzyme as a control, lets students explore how temperature affects enzyme activity. Weigh only what the class needs and close the container quickly to protect the rest of the pack from moisture.

Supplier

This enzyme is supplied by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** from Ambala, Haryana, India. The company sources reagents such as lipase so that schools, colleges and dealers can order a complete DNA or enzyme practical, glassware and consumables included, through a single enquiry. Read more on the company profile page.

Related Biology Lab Products

Items