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

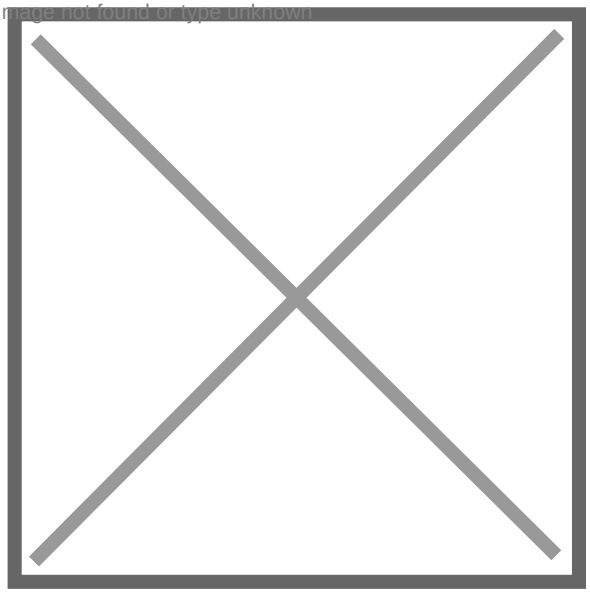
Product Name :

Diastase (DNA Separation)

Product Code :

SCL380/096

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Science Lab

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Description :

Diastase (DNA Separation) (Product Code: SCL380/096) is an amylase enzyme preparation, supplied as an analytical reagent, used to break starch down into sugars in enzyme practicals in school and college biology labs. It comes in a 100 gm pack with its MSDS and is catalogued with the DNA separation enzymes, though its classic classroom role is the starch-digestion practical of an enzyme activity kit in biology. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Product	Diastase (amylase enzyme preparation)
Grade	Analytical reagent
Pack size	100 gm
Documentation	Supplied with MSDS
Shelf life	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	SCL380/096
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Diastase Used For?

The standard practical mixes a starch solution with a diastase solution and removes drops at regular intervals onto iodine solution. At first the drops turn blue-black; as the enzyme digests the starch the colour weakens to brown and finally stays yellow-brown, showing that no starch remains. Testing the final mixture with Benedict's reagent then confirms that reducing sugar has been produced.

Repeating the run in tubes held at different temperatures or pH values turns it into an investigation of the factors affecting enzyme activity, a straightforward enzyme experiment kit school and first-year college classes can set up. Prepare the enzyme solution fresh on the day, never boil it unless you want a denatured control tube, and avoid breathing the powder, as enzyme dusts can cause sensitisation.

Supplier

Diastase is offered under ScienceLab, the trading name of **Jain Scientific Equipments Private Limited** of Ambala, Haryana, India. The company supplies enzymes and reagents together with the glassware and indicators needed to use them, and can check your protocol with you before you order. Read more in our company profile.

Related Biology Lab Products

Items