Email : sales@scilabexport.com
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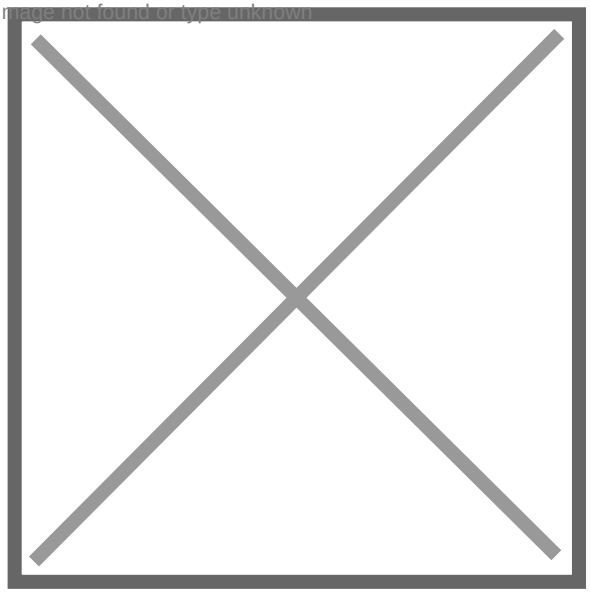
Product Name :

Kit for Digestion Experiments

Product Code :

SCL245/023

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Description :

Kit for Digestion Experiments (Product Code: SCL245/023) is a food-test and digestionpractical kit used to detect starch and protein and to study how digestion changes them in schooland college biology laboratories. It gathers two chemical glasses, 10 corked test tubes, a spirit-heating set and bottles of Lugol solution, Biuret solution, starch, albumin and 10% hydrochloric acid in one box. **Jain Scientific Equipments Pvt Ltd (ScienceLab)** assembles it as an OEM manufacturer and laboratory equipment supplier in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Chemical glasses (beakers)	1 × 250 ml, 1 × 100 ml
Test tubes	10 test tubes with corks
Handling items	1 test tube holder, 1 dropper, 1 plastic stirrer, 1 spoon
Filtration	25 circular filter papers
Heating items	1 alcohol lamp, 1 metal tripod stand, 1 heating mesh
Heating mesh material	Our earlier listing describes it as an asbestos mesh; ask us to confirm the material supplied with your kit
Chemicals (1 bottle each)	Denatured alcohol, Lugol solution, starch, albumin, hydrochloric acid 10% solution, Biuret solution
Shelf life (chemicals)	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	SCL245/023
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Digestion Experiments Kit Used For?

Students begin with the classic food tests: a few drops of Lugol solution turn a starch sample blue-black, and Biuret solution turns an albumin sample violet, confirming protein. With these reference results in hand, they can follow what happens to starch and protein under digestion-like conditions, such as warming albumin with the dilute hydrochloric acid that mimics stomach acid.

The corked test tubes keep each sample separate and labelled, the filter papers clear cloudy mixtures, and the alcohol lamp, tripod stand and mesh provide gentle heating. As a biology experiment kit for students, it supports group practicals from middle school upwards. Wear eye protection when handling hydrochloric acid, keep the denatured alcohol away from flames, and put the lamp out with its cap rather than blowing on it.

What to Specify When Ordering

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