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Product Name :

Fruit fly Genetics Kit

Product Code :

SLE/BL/33



Description :

Fruit fly Genetics Kit (Product Code: SLE/BL/33) is a genetics simulation kit used to teach basic *Drosophila melanogaster* inheritance in school and college biology classes without keeping live flies. Students perform crosses with printed plastic pieces that snap apart from sheets — 15 sheets each — showing male and female flies and 4 types of fruit flies. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of genetics inheritance kits and a biology lab equipment supplier in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Type	Genetics simulation kit — no live flies required
Organism modelled	*Drosophila melanogaster* (fruit fly)
Sheets	15 sheets each, with snap-apart pieces
Pieces show	Male and female flies; 4 types of fruit flies
Pieces	Plastic, printed with features
Concepts simulated	Sex determination, single factor inheritance, double factor inheritance, sex linkage, dominance and recessiveness
Documentation	Teacher's Guide and Student instruction sheet
Product code	SLE/BL/33
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Fruit Fly Genetics Kit Used For?

The fruit fly is the classic organism for inheritance studies because its traits are easy to see and it breeds quickly, but live cultures need regular feeding, anaesthetising and counting that many schools cannot fit into a timetable. With this kit, a teacher can introduce a single factor cross in one lesson: students choose parent pieces, predict the offspring with a Punnett square, then assemble and tally the offspring pieces to compare the result with the prediction. Later lessons build up to double factor crosses and sex-linked traits, while the male and female pieces make sex determination concrete.

Because nothing is alive, the activity can be repeated, paused or used for revision without any culture care. It works well as a biology experiment kit for students who will later meet real Drosophila work at college, and gives teachers a ready way to discuss why dominance and recessiveness produce the ratios they do. After each class, collect the pieces by type into labelled bags so that every set stays complete for the next group.

OEM Manufacturer

Jain
brand
at its