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Product Name :

Molecular Model Kit, Two Layer DNA

Product Code :

SLE/Mo/16



Description :

Molecular Model Kit, Two Layer DNA (Product Code: SLE/Mo/16) is a small model-building kit used to assemble a two-layer section of DNA so students can study nucleotides and base pairing at close range. Because only two layers are built, attention stays on how the nucleotides pair across the two strands, which makes it an easy first DNA model kit for Indian classrooms. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of chemistry lab equipment in India, produces this kit at its own factory in Ambala.

Key Details

Parameter	Detail
Model	Two-layer DNA section
Assembly	Joining pieces designed so the model holds together when passed around
Moulds and materials	Precision-engineered
Storage	Durable storage case with compartments to keep parts apart
Part count and size	Not stated in this listing — confirmed with your quotation
Product code	SLE/Mo/16
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Two Layer DNA Model Used For?

Each nucleotide in DNA is made of a phosphate group, a deoxyribose sugar and a nitrogenous base. Adenine pairs with thymine through two hydrogen bonds, and guanine pairs with cytosine through three. A two-layer model is the smallest segment that shows both a base pair across the strands and how one pair stacks on the next along the backbone.

Because the build is short, every student or pair can complete one in the opening minutes of an introductory lesson. Teachers can give different groups different base pairs to build, then compare results as a quick check of understanding before moving on to longer helix models. The compact size also makes the kit easy to use at a desk or during revision.

OEM Manufacturer

The Molecular Model Kit, Two Layer DNA is a ScienceLab product made by Jain Scientific Equipments Private Limited, its OEM (original equipment manufacturer). Production is carried out at the company's own licensed factory at Saha, Ambala, Haryana, India.

Whole-class quantities are quoted directly by the manufacturer to schools, colleges, dealers and importers. Visit the ScienceLab profile to learn more about the company.

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