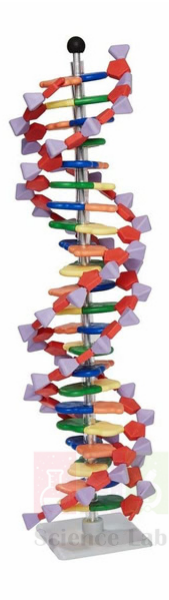
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Product Name :

Mini DNA 22 layer base pair Molecular Model

Product Code :

SLE/Mo/10



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Description :

Mini DNA 22 layer base pair Molecular Model (Product Code: SLE/Mo/10) is a compact DNA model kit used to give students an easy-to-understand introduction to the structure of the DNA double helix. Its 22 base-pair layers are built from abstract, colour-coded parts for the nitrogenous bases, pentagonal sugars and pyramidal phosphates, making it a handy DNA model kit for schools across India. It is produced by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Model	Mini DNA molecular model kit (double helix)
Length of helix	22 base-pair layers (as named)
Parts	Abstract-shaped, colour-coded parts
Components represented	Nitrogenous bases, pentagonal sugar and pyramidal phosphate
Assembled size and part count	Not stated in this listing — ask us
Product code	SLE/Mo/10
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Mini DNA Model Used For?

The abstract shapes strip away atom-level detail so beginners can focus on the three building blocks of every nucleotide — sugar, phosphate and base — and on how bases pair across the helix. The pentagonal sugar pieces echo the five-membered deoxyribose ring, and the pyramidal phosphates link the sugars along each backbone.

With 22 layers, the finished model follows the helix through about two full turns, so students can see the twist repeat. Teachers use the colour-coding to check complementary pairing (adenine with thymine, guanine with cytosine), to point out that the two strands run in opposite directions, and to separate the strands when introducing replication. Writing the colour key on the board before building saves time.

OEM Manufacturer

The Mini DNA 22 layer base pair Molecular Model is made by Jain Scientific Equipments Private Limited, trading as ScienceLab, which is its OEM (original equipment manufacturer). Production takes place at the company's own licensed factory at Saha, Ambala, Haryana, India, and schools, colleges, dealers and importers buy direct from the factory.

Repeat orders for additional classrooms are handled by the manufacturer itself — ask us when you n ab profil

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