

9982-1005300



DNA Double Helix Structure Model

- When assembled, students can understand the basic structure of DNA.
- By assembling the model, students will understand the biological terms.
- Easy to assemble and disassemble and can even be used as a decorative model
- The model is grouped by 6 colours
- One can observe the complete product by spinning the model.
- Deoxyribose and 4 bases (A:Adenine, G:Guanine, C:Cytosine and T:Thymine) model types are properly used.
- The description of colours and symbols of sugar, phosphoric acid and 4 bases are well defined and distinguished.
- Size of the purine base (Adenine, Guanine) and the pyrimidine base (Cytosine, Thymine) are different.
- Assembled bases pairs (Adenine – Thymine, Guanine – Cytosine) are well defined.
- In one turn of the DNA, 10 pairs of base are seen.

Size 12.5x35 cm

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This right handed double helix self assembly kit with 12/22 ($\frac{1}{2}$ turns) base pairs can be used to model DNA REPLICATION and complementary base pairing. It contains colour coded parts to represent the nitrogenous bases, pentose sugars and phosphate components that make up DNA. Special features:

- Connected by 2 and 3 Hydrogen bonds for Thymine/Adenine and Cytosine/Guanine respectively
- Clearly demonstrating the major and minor grooves
- Differently sized pyrimidines to purines

Delivered with instructions and stand.

Advanced miniDNA™ (22 layer)

Contents: 11 Thymine (orange), 11 Adenine (blue), 11 Guanine (green), 11 Cytosine (yellow), 44 Deoxyribose (red), 44 Phosphate (purple).

17x23.5x6 cm; 0.7 kg

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Advanced miniDNA™ (12 layer)

Contents: 6 Thymine (orange), 6 Adenine (blue), 6 Guanine (green), 6 Cytosine (yellow), 24 Deoxyribose (red), 24 Phosphate (purple)

17x23.5x3 cm; 0.5 kg

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miniDNA™ 22 Layer Molecular Model

The miniDNA™ system comprises abstract shaped colour coded parts to represent the nitrogenous bases, pentagonal sugar and pyramidal phosphate parts required to make the Double helix model of DNA.

Contents:

- 11 Thymine (orange)
- 11 Adenine (blue)
- 11 Guanine (green)
- 11 Cytosine (yellow)
- 44 Deoxyribose (red)
- 44 Phosphate (purple)

Supplied with assembly instructions and its own stand. Packed in a plastic box.

44 cm; diam 11 cm

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miniDNA™ 12 Layer Molecular Model

The miniDNA™ system comprises abstract shaped colour coded parts to represent the nitrogenous bases, pentagonal sugar and pyramidal phosphate parts required to make the Double helix model of DNA.

Contents:

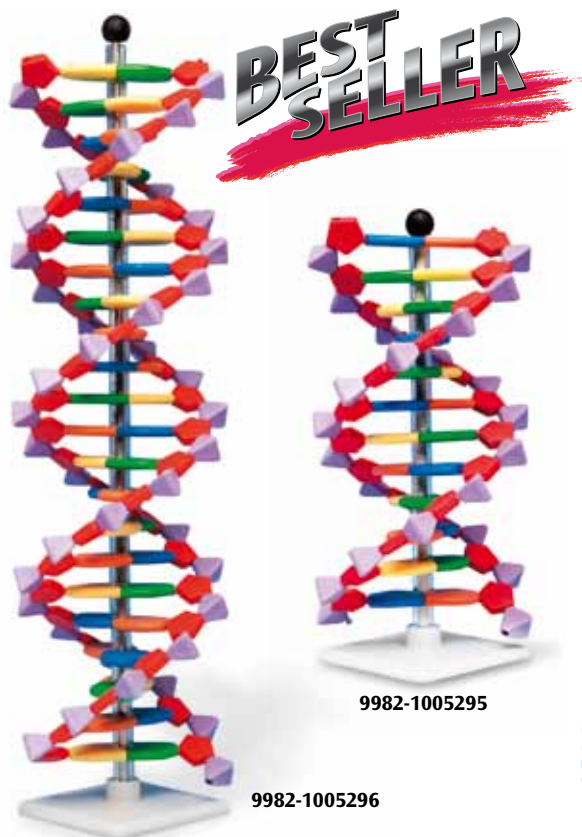
- 6 Thymine (orange)
- 6 Adenine (blue)
- 6 Guanine (green)
- 6 Cytosine (yellow)
- 24 Deoxyribose (red)
- 24 Phosphate (purple)

Supplied with assembly instructions and its own stand. Packed in a plastic box.

24 cm; diam. 11 cm

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