

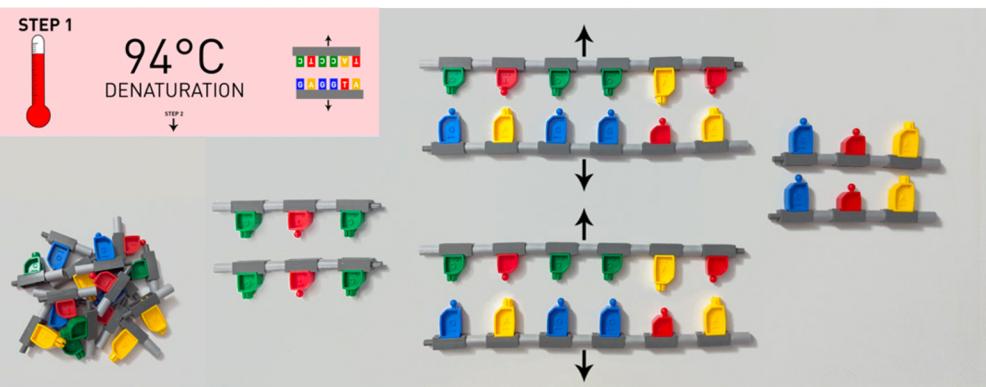
About the models

Our models are designed to teach molecular processes, as well as structure. This Biotechnology Pack extends the use of the DNA/RNA Sets. Now learners can also simulate biotechnology procedures in the lab with the models.

About the curriculum

Booklet 3 Activities:

- Identify the 3' and 5' DNA ends
- Practice restriction enzyme digestions
- Model gel electrophoresis
- Use DNA fingerprinting to compare sequences
- Perform PCR cycles
- Demonstrate Sanger sequencing with dideoxynucleotides
- Simulate the CRISPR-Cas9 System



Classroom Set: \$500

- 14 DNA/RNA Booklet 3
- 14 Phage DNA Strips
- 14 Gel Electrophoresis Mats
- 14 Cas9 Protein Mats
- Teacher Guide (online)

NOTE: DNA/RNA Set must be purchased separately!*

Price includes shipping to continental U.S. only. Shipping to additional destinations will require additional costs.

*DNA/RNA Classroom Set: \$1950

See website for additional information



Find additional resources online:

<http://edgerton.mit.edu/DNA-proteins-sets>

Curriculum questions:
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Purchasing questions/Ordering:
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