1 BIO-RAD



1. Out of the Blue CRISPR Kit

Bring real CRISPR-Cas9 gene editing into your classroom with the Out of the Blue CRISPR Kit. Use CRISPR-Cas9 technology to introduce a stop codon in the lacZ gene in the *E. coli* chromosome, then see results easily with blue-white screening!

Includes: refill pack materials, LB agar and broth, Petri dishes, inoculation loops, and microtubes. Each kit contains materials for 8 student workstations (2 - 4 students per workstation). For educational use only.

Code	Pack	Price
12012608EDU	Each	£245.31

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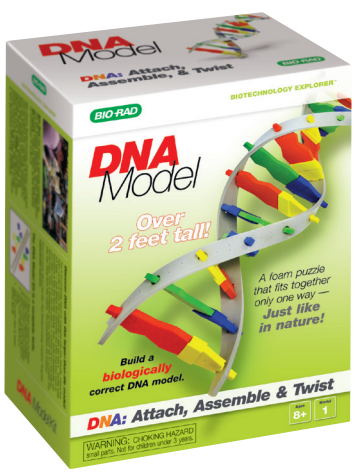
2. Photosynthesis and Cellular Respiration Kits

Teach both photosynthesis and cellular respiration simultaneously in a single lab - with algae beads! The photosynthesis and cellular respiration kit is a fun, easy-to-use, and more reliable alternative to the leaf disk and microrespirometer practical. The simple algae bead system in this kit is a great tool for students to learn experimental design and can help you dispel the common student misconception that plants only do photosynthesis.

- Connect photosynthesis and cellular respiration - using a single cell
- Premade, reliable algae beads - easier to use and set up than more traditional leaf disk and respirometry labs
- Six activities with optional timelines and branch points
- Students will engage in 3 dimensional learning as they explore both energy processes
- Reusable algae beads for multiple class periods

Code	Description	Pack	Price
ELE1454	Photosynthesis and cellular respiration kit	Each	£156.75
ELE1452	Photosynthesis and cellular respiration kit for advanced biology	Each	£175.35
ELE1456	Photosynthesis and cellular respiration reagent refill pack	Each	£121.85

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3. DNA Model Kit

This colourful and attractive DNA model makes it easy for students to understand the common, but difficult, topic of DNA structure. It's easy - just attach the nucleotide bases to the backbone, pair the DNA strands, then twist them to form the familiar double helix.

Just like a puzzle - and just as in nature - this DNA model only fits together one way: adenine (A) pairs with thymine (T) and guanine (G) pairs with cytosine (C) on the sugar-phosphate backbones.

The DNA model includes everything you need to build one biologically accurate DNA model, an instruction sheet, and 10 fun facts about DNA.

- Engage your students with this friendly, interactive model
- Show the right-handed double helical structure of DNA
- Incorporate STEM concepts through the use of modelling
- Illustrate the base-pair relationship between purines and pyrimidines

Code	Pack	Price
ELE1458	Each	£42.33