

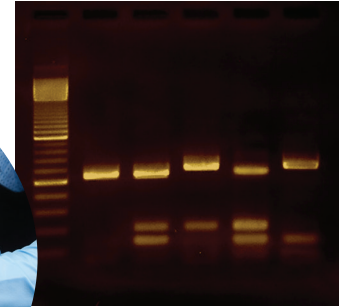
WHAT'S IN MY LUNCH?

Related Products

Cat. #962

Identification of Genetically Modified Foods Using PCR

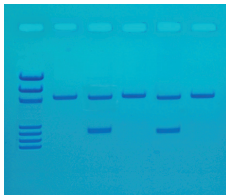
For 10 Groups. Some foods contain raw materials from genetically modified organisms (GMO). Examples include tofu, corn flakes and corn meal. In this experiment, your students will extract DNA from food or plant material and perform PCR to determine if any GM indicator genes are present. Amplified DNA is separated and sized by agarose gel electrophoresis. (Requires 1 to 3 day shipping)



Cat. #122

Detection of the Influenza Virus

For 8 Groups. The influenza virus, or "the flu," is a common contagious disease that affects the respiratory system. In this simulation, students will perform two common tests (RIDT, RT-PCR) used to diagnose the flu in a clinical setting.



Cat. #266

What's In My Lunch? Quantitative Milk Allergy ELISA

For 10 Groups. Milk proteins are the most common food allergens in children. Accurate detection and labeling is vital to inform consumers about potentially dangerous foods. In this inquiry-based experiment, students will master the concepts behind the enzyme-linked immunosorbent assay (ELISA). Students will perform an ELISA to detect the presence and measure the concentration of whey protein in various food products.



Cat. #5067

Classroom PCR LabStation™

Supports up to 25 students.

- 6 Cat. #502/504 M12 Complete™ Package (7 x 14 cm Tray & 7 x 7 cm Trays (2))
- 3 Cat. #509 DuoSource™ 150 (75/150 V, for 1 or 2 units)
- 6 Cat. #590 Variable MicroPipet (5 - 50 µl)
- 2 Cat. #534 Piccolo Microcentrifuge
- 1 Cat. #541 EdvoCycler™ (25 x 0.2 ml)
- 1 Cat. #557 TruBlu™ Blue Light Transilluminator (14.5 x 18 cm filter))
- 1 Cat. #539 1.8 L Waterbath