

DNA Extraction & Gel Electrophoresis

October 28 2023 @Salk Institute

Activity kits, curriculum based on the popular activities from the Salk Institute Mobile Science Lab for use by middle and high school science teachers in their classrooms. Kits contain everything you need to do each activity with up to 200 students. Each kit includes access to matching curriculum materials including PowerPoint presentations, editable student worksheets, web-based activity ideas etc.

Support is available from Salk Education Outreach staff and our community of scientist volunteers – we'll even come out to your classroom for presentation and logistical support if needed (schedules allowing).

Schedule

- 9AM-10:30... DNA Extraction
- 10:30-10:45... Break
- 10:45-12PM... Gel Electrophoresis
- 12-12:30... Complimentary lunch
- 12:30-1... Architectural tour (*optional*)

DNA Extraction

Uses wheat germ for a simple but powerful “first look” at actual DNA.

Gel Electrophoresis

Demonstrates the principals of DNA fingerprinting using food coloring.
Kit can also be used with actual DNA materials from miniPCR, MiniOne, Bio-Rad, Carolina Biological & more.

Get info!

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