



Request Your Free Experiment eBook!



Email info@diamantescientific.com with “Experiment eBook” in the subject line, and we will send it right out.



STEM



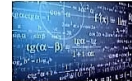
SCIENCE



TECHNOLOGY



ENGINEERING



MATH



DIAMANTE SCIENTIFIC

Enthusiastically supporting the sciences!

info@diamantescientific.com

www.diamantescientific.com



For Children 8 years and up

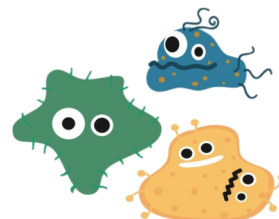
Choking hazard
Suffocation hazard



Thank you for purchasing our Diamante Scientific Bacteria Science Kit. We offer a doorway to those wishing to explore the sciences by offering a fun, interactive, and educational way for kids to spread their wings in a field that is overlooked by many. As a thank you, we would like to offer you a free experiment eBook that contains fun and easy to do experiments.

WHAT ARE BACTERIA?

Bacteria are microscopic living organisms, usually one-celled, that can be found everywhere. They can be dangerous, such as when they cause infection, or beneficial, as in the process of fermentation (such as in wine) and that of decomposition.



How to use the bacteria science kit.

Also check out our You Tube channel for instructional videos.

Experiment Instructions:

1. Carefully, cut open package and pull out agar plates. Let it sit out for 1 hour before use.
2. Take out one of the cotton swabs and let the hunt begin! **Tip:** Wet the cotton tip with **sterilized** water if swabbing a dry area.
3. Swab objects to pick up bacteria. Try swabbing teeth, phones, door knobs, and more!
4. Gently wipe the swab onto the agar plate afterwards and place the lid back on the plate. **Tip:** Write on the bottom of the plate with permanent marker the name of the object you swabbed so you know which bacteria came from where.
5. Flip the plate upside down and place under a desk lamp or near a safe heat source. Use a thermometer to measure when the plates reaches 84-100°F.
6. Wait 1-4 days for the bacteria to grow.

How to Store:

- Once the vacuum-seal is opened, plates will have to be stored in a refrigerator upside down so moisture doesn't build up on the lid and drip down onto the agar. Open plates must be used within 30 days.
- Unopened plates may also be stored at room temperature or refrigerated, but do NOT freeze. Freezing the plates may crack the agar. Unopened plates may be stored for up to **THREE MONTHS** without the threat of bacteria contamination.

