



BIO SCIENCE
LABORATORIES

\$200 HAND WASH STUDY

DATE:

TUESDAY, 10/26/2021

START TIMES:

8AM, 10AM, 1PM, 3PM

DURATION: ~1-3 HOURS

STUDY DETAILS

SUMMARY: This study involves research to determine the ability of six test materials, with ethanol (as an antibacterial active ingredient) to kill bacteria from the skin of the hands.

SITES TESTED: Hands and forearms

MICROORGANISM USED:

Escherichia coli (ATCC #11229 or NCTC #10538)
or *Serratia marcescens*
(ATCC #14756)

Common bacteria not normally associated with disease in healthy adult humans.

PRODUCT RESTRICTION:

Start Date: 10/19/2021 (7 days)

For 7 days prior to entering the lab, you must restrict what products touch the test sites. You will be provided a kit which contains soap, shampoo, and lotion which are approved for use. You will also be provided a pair of gloves for when you cannot avoid use of a restricted product.

STUDY QUALIFICATIONS

[2108487-101 ICF Version 2, GR4]

- Must be between 18 and 70 years of age; subjects between 65 and 70 years of age may be admitted if they have been fully vaccinated against COVID-19 more than 4 weeks prior to consent
- Must have both hands and all 10 digits;
- Must have test sites in good condition;
- Must be in good general health;
- Cannot have known allergies or sensitivities to latex (natural rubber), sunscreens, deodorants, laundry detergents, cleansers, soaps, lotions, or to topical application of fragrances (e.g., perfumes, colognes, etc.), or common antibacterial agents, particularly benzalkonium chloride, chlorhexidine gluconate, ethyl alcohol, and isopropyl alcohol;
- Cannot have ever experienced hives as reaction to anything that contacted your skin
- Cannot be receiving steroids other than for contraception, hormone therapy, or menopausal purposes;
- Cannot have any prosthetic devices including hardware such as pins, screws, plates, rods, or dental implants.
- Cannot have a Nexplanon/Implanon or any other dermally implanted birth control device;
- Cannot have any prosthetics joints (moveable parts of the body), shunts, or cosmetic implants.
- Cannot be pregnant, plan to become pregnant, impregnate a sexual partner, or be nursing a child
- Cannot have any type of port, portacath, or Peripherally Inserted Central Catheter (PICC)
- This is not a complete list, please reference Informed Consent for all restrictions