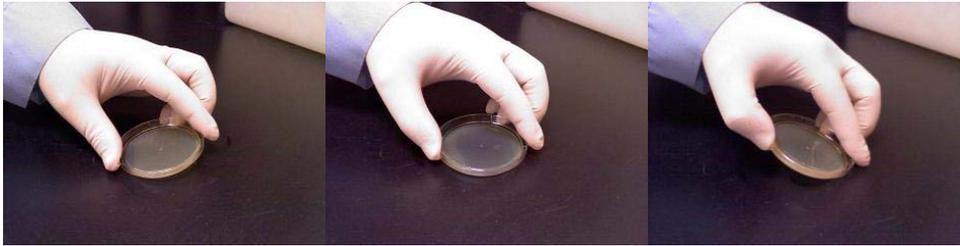


USP 797 RODAC / Contact Plate Sampling Protocol

Test Codes: 1104, 1106, 1115, 1116, 1204, 1206

Surface Area for Plates: 25 cm²

1. All handling should be performed aseptically.
2. Carefully remove the lid and take the sample by rolling the convex agar surface in one direction across the surface of the site. Immediately replace the lid on the plate.



3. Seal the plates using parafilm or low adhesive tape.
4. Label each plate with your corresponding sample number and location.
5. Following the collection of the sample use a qualified method for cleaning the site where the sample was taken to remove nutrients.
6. Ensure the Chain-of-Custody has the information listed for all samples being submitted to the lab.

PRINCIPLE

Replicate Organism Detection And Counting (RODAC) contact plates are used primarily to enumerate microbial contamination of smooth, non-porous, flat surfaces such as floors and tabletops. Gridded Sterile Petri plates are filled to form a convex surface that is easily pressed in contact with contaminated surface. This method allows for convenient monitoring of sanitary sites such as hospital and pharmaceutical facilities. Sampling of heavily soiled areas may result in rapid overgrowth of plates.

Aerobiology recommends using Trypticase Soy Agar (TSA) for bacterial samples, and Malt Extract Agar (MEA) or SABDEX Agar (SDA) for fungal samples. These plates can be purchased by contact your local Aerobiology Laboratory location in packs of 10.

References:

CETA Certification Guide for USP<797> Viable Environmental Sampling & Gowning Evaluation – CAG-009-2012

USP on Compounding - <797> Pharmaceutical Compounding – Sterile Preparations