

SOP-M001

Preparation of Dilution Tube for Microbial Assays

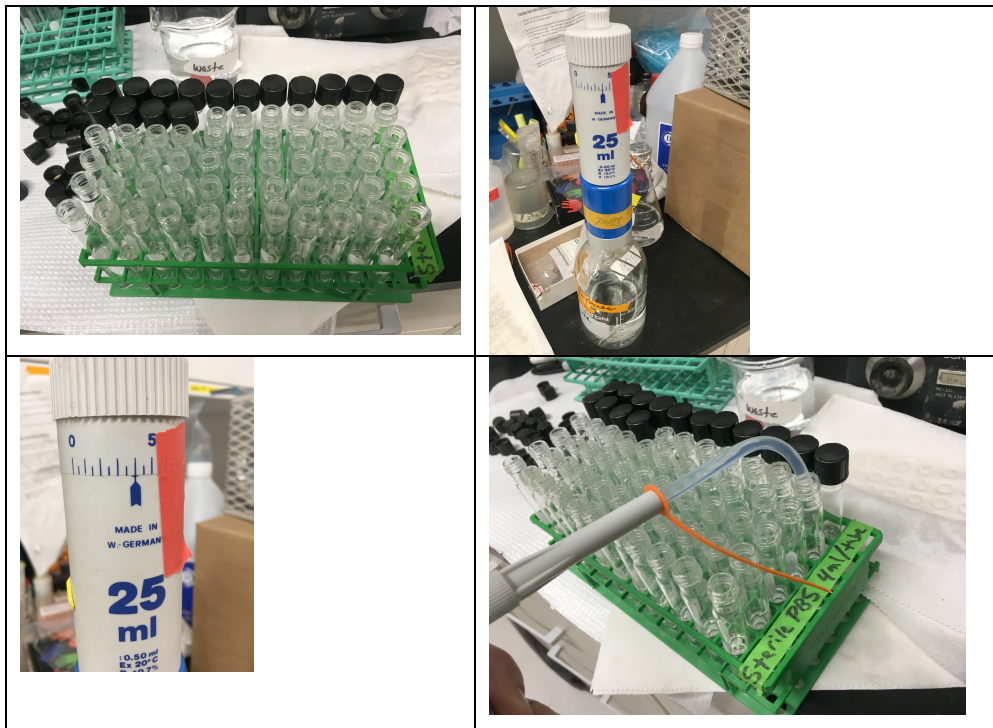
Objective: Sterile glass tubes with sterile PBS are used to create dilution series for microbial assays

Procedure:

1. Take clean dry glass 8 ml tube with black caps
2. Place in a rack and fill rack
3. Pipette 4 ml per tube using the multipettor (the one near the coulter counter)
4. Set the dispenser to 4 ml (it is normally set at 10 ml) (RETURN THE SETTING TO 10 ML when finished).
5. Screw caps onto tube by turning till they stop and then turn back $\frac{1}{2}$ turn so that the tube is slightly open for autoclaving
6. Place autoclave tape onto top, date and identify who made this rack of tubes and put an expiry date of 30 days from the date of autoclaving.
7. Autoclave 30 min (liquids) and then tighten all caps when removed. Store and replace after 30 days expiry.

To row: Tube rack, Right Pipettor

Bottom Row: Set the pipettor, Right – Pipette 4 ml into each tube



Created by: J.P. Robinson

Date: Feb 3, 2017

Verified by: _____ Date: _____

Print Name

Sign Name