

| | | |
|--|---|-------------|
| TML/MSH Microbiology Department Policy & Procedure Manual | Policy # MI/VIR/16/13/v0 | Page 1 of 1 |
| Section: Virology Manual | Subject Title: Appendix XIII Preservation of Cell Culture Monolayers | |
| Issued by: LABORATORY MANAGER | Original Date: March 14, 2001 | |
| Approved by: Laboratory Director | Revision Date: | |

Appendix XIII

PRESERVATION OF CELL CULTURE MONOLAYERS

1. Aspirate the medium from the cell culture tubes to be preserved.
2. Add 8 mL buffered formaldehyde preservative medium to each tube.
3. Record the following information on the tube:
 - virus
 - number of days incubation
 - lab number
4. Store preserved culture at room temperature.

Formaldehyde Preservative

| | |
|--------|---|
| 100 mL | Formaldehyde Solution (37 - 40%) |
| 900 mL | Distilled Water |
| 20 mL | Phenol Red (0.5%) |
| 4.0 g | NaH ₂ PO ₄ - H ₂ O |
| 6.5 g | Na ₂ HPO ₄ |

Materials

Vortex
 Sterile pipettes
 10 - 100 uL Eppendorf pipette
 Humidified chamber
 Coplin jars
 Fluorescent microscope