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Section: Mycology Bench Manual	Subject Title: Appendix VII - Stock Cultures -Water Culture Technique	
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APPENDIX VII

STOCK CULTURES -WATER CULTURE TECHNIQUE

I. Purpose

To maintain stock cultures of fungi.

II. Procedure

1. Rub a sterile moistened swab over the surface of an actively sporulating fungal colony (or, using a spatula, scrape off the mycelial growth of the fungus above the agar).
2. Wash the swab (or spatula) off into a screw cap bijou bottle containing approximately 4 ml of sterile distilled water.
3. Tighten the cap and store at room temperature.
4. Add sterile distilled water periodically to prevent evaporation.
5. Subculture at least once a year to maintain viability of the stock cultures. Twirling the culture to resuspend the conidia, subculture using a sterile pipette.
6. Record stock cultures in the appropriate stock book in Mycology with the date the stock was made.

III. Reference

1. Davise H. Larone. Medically Important Fungi. A Guide to Identification 1995, ASM Press.