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Section: <b>Quality Control Manual</b>	Subject Title: <b>Maintenance of Isolates for Quality Control</b>	
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## **MAINTENANCE OF ISOLATES FOR QUALITY CONTROL**

### **STOCK CULTURES**

Reference strains for quality control are originally obtained from ATCC, Microbiologicals or other commercial sources as lyophilised cultures. Follow manufacturer's instructions and subculture these lyophilised cultures. Store the subcultured isolates in trisodium citrate glycerol at -70° C. These frozen cultures are used as STOCK CULTURES and should be replaced annually.

Viruses are kept in DMSO in liquid nitrogen.

### **WORKING CULTURES**

Working cultures are stored on TSB agar slants at 4° to 8°C or on Chocolate agar or Blood Agar for fastidious organism. These cultures are replaced monthly by subculturing from the Stock Cultures.

Virus working cultures are propagated in the appropriate tube culture cell lines.

### **BEFORE TESTING**

Before testing, cultures are subcultured from the working cultures onto solid media before use.

Not applicable for viruses