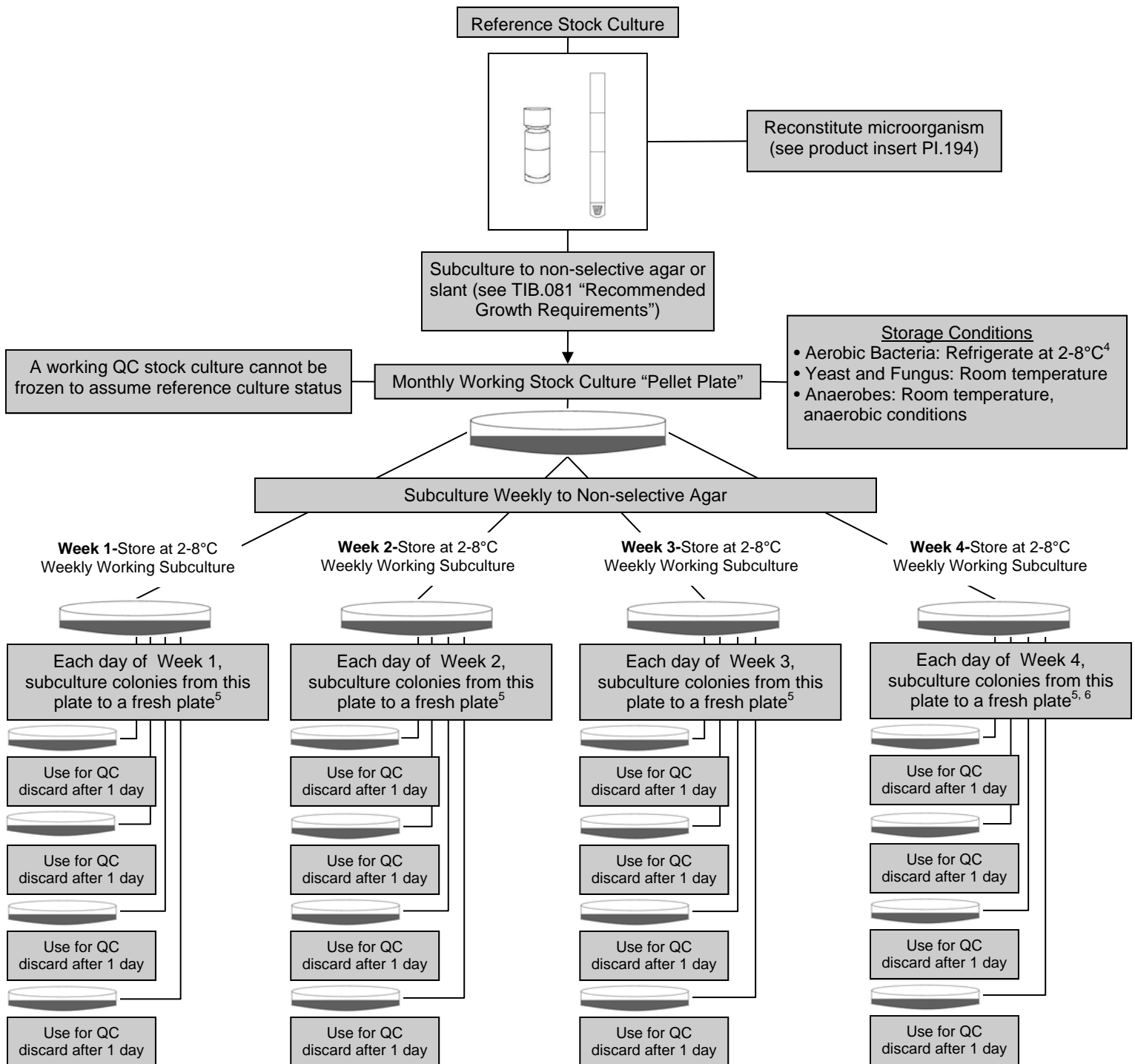


Daily QC Microorganism Maintenance^{1, 2, 3}



1. Reference: CLSI M7-A7 Vol. 26 No. 2, "Methods for Dilution Antimicrobial Susceptibility Test for Bacteria that Grow Aerobically: Approved Standard- Seventh Edition," January 2006
2. Fastidious microorganisms such as *S. pneumoniae* and *N. gonorrhoeae* have shorter survival periods than aerobic bacteria.
3. It may be necessary to start microorganisms used for quality control of antibiotic susceptibility tests every two weeks because some microorganisms may lose resistance over time.
4. Some *Bacillus* species demonstrate better recovery on subculture when the stock organism is maintained at room temperature rather than 2-8° C.
5. Alternatively, subculture the day before testing. It is important to use fresh microorganisms for testing. Microorganisms must be at least one subculture away from the pellet plate.
6. After the 4th week, dispose of plates and start process over with new lyophilized pellet.
7. A microorganism may be used beyond expiry date if (one) the lyophilized pellet is grown before expiry date and (two) the microorganism is not used beyond week 4 of this maintenance program.