

# Streak Plate Method with KWIK-STIK™



## ILLUSTRATED INSTRUCTIONS

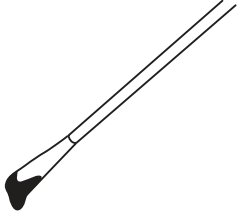
The Streak Plate Method is recommended for isolating individual bacterial or fungal colonies. It can be used when starting with a Microbiologics product such as a KWIK-STIK™ or when simply sub-culturing a colony from one agar plate to another. Freshly isolated colonies should be used when performing biochemical, genetic, or antimicrobial susceptibility testing. Please note, the below instructions demonstrate the streak plating technique with Microbiologics KWIK-STIK™.

**1**



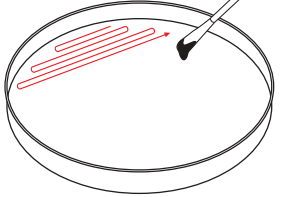
Label an agar plate. For advice on media and incubation conditions, refer to TIB.081, Recommended Growth Requirements.

**2**



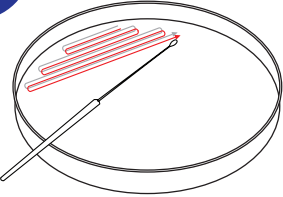
Hydrate a KWIK-STIK™ unit according to the instructions for use. Ensure the swab is heavily saturated with the rehydrated material.

**3**



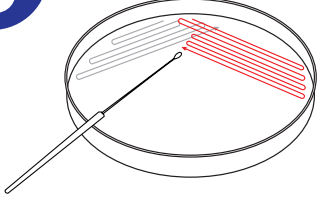
Gently inoculate one-third of the plate with the swab or sterile loop.

**4**



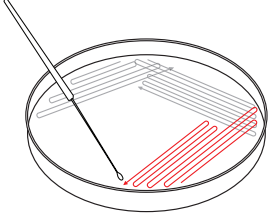
Streak a sterile loop through the inoculated area of the plate four to five times.

**5**



Turn plate. Streak a sterile loop through the edge of the inoculated quadrant three to four times into the second quadrant as pictured.

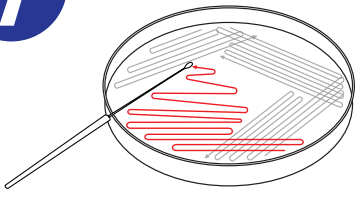
**6**



Turn plate. Streak loop through edge of second quadrant three to four times into the third quadrant as pictured.

\*For some microorganism species, streaking into only three quadrants will yield isolated colonies.

**7**



Turn plate. Streak loop through edge of the third quadrant three to four times into the fourth quadrant as pictured.

**8**



Immediately incubate the inoculated plate.

**9**

Note: Sterilizing loop between each area will achieve maximum isolation of colonies.