|  |
| --- |
| PREPARATION |

|  |
| --- |
| Preparing 7H9 |

|  |
| --- |
| **Objective** To make stock 7H9 for use in growing mycobacterial cultures and plating mycobacterial lawns. |
| **Background** 7H9 is used as the base for the medium commonly used to grow cultures of mycobacteria, and is added to MBTA to make top agar for plating lawns of bacteria. |
| **Approximate Time Needed** ~**15 minutes** active ~**40 minutes** to autoclave |
| **Materials Needed** 4.7 g 7H9 broth base 5 ml 40% glycerol 900 ml ddH2O Beaker/flask, stir bar, and stir plate for mixing 10 glass bottles for aliquoting |
| **Helpful Tips*** This broth is NOT ready for use as is. Depending on what it will be used for, 7H9 requires the addition of different supplementary reagents. See the **Working Media** protocol for details.
 |
| **Procedure**1. Combine all ingredients in the beaker/flask.
2. Add the stir bar, place on the stir plate, and mix moderately until well combined (~5-10 minutes).
3. Aliquot 90 ml to each of the 10 glass bottles.
4. Autoclave on a liquid cycle for an appropriate amount of time.
 |