

Sample Preparation Protocol SP-12 Preparing L-Growth Media

Materials

Distilled water
Clean flask
Graduated cylinder
L-Growth Media
Heat source
Microtiter plates

Procedure

Preparation:

1. Measure 72 ml of distilled water using a graduated cylinder
2. Add distilled water to a clean flask
3. Heat the water over low heat
4. Add entire contents of one (1) package of L-Growth Media into the warm water and stir
5. Continue stirring and bring mixture to a low boil. Boil until Media begins to thicken, approximately 15 minutes.
6. Cool Media to at least 60°C. Media must be cooled further before using on flies.

Use:

1. After sorting flies into the wells, add food to wells.
 - a. 50 µl of food per well for small staged fly larvae
 - b. 100 µl of food per well for large staged fly larvae
2. Apply mesh onto plate and heat-seal.
3. Incubate for continued growth.