

## Sample Preparation Protocol SP-09 Preparation of Fly Food

### **Scope**

The following protocol describes the method to make enough *Drosophila* food for approximately *thirty* (30) 96-well microtiter plates.

### **Materials**

Distilled water  
Clean flask  
Graduated cylinder  
Fly Food  
Heat source  
Microtiter plates, approximately 30 plates

### **Procedure**

Measure 160 ml of distilled water using a graduated cylinder. Decant distilled water into a clean flask.

Start heating the water over low heat.

Add entire contents of FLY FOOD container into the warming water and stir. Continue stirring and bring mixture to a low boil until food begins to thicken, approximately 15 minutes.

Cool to at least 60°C.

If anti-fungals are necessary, they may be added to the cooled food.

Cool further prior to using on flies.

After sorting flies into the wells, add 50µl of food/well for small staged fly larvae, and 100 µl of food for large staged fly larvae.

**Seal well and incubate for continued growth.**

### **Questions?**

**For further information, please contact Union Biometrica, Inc. directly at 617.591.1211 or email your questions to [appsupport@unionbio.com](mailto:appsupport@unionbio.com)**