

Hydrocleansing Engineering Duties

Embryo Lab

- 1) Clean and autoclave dishes.
- 2) Dispose of biohazard waste.
- 3) Clean plastic beakers.
- 4) Clean ovary thermos.

Embryo glassware

Scrub bottles and beakers with brush. Rinse:

5 times with tap water

5 times with di water

Be certain there is no soap residue left in or on any of the dishes!!!!!!

Rinse tubs 1 or 2 times a week. Fill tub with di water and add 25 pumps or 700 ml of PCCP-free soap.

Let dishes dry

Cover beakers with 2 layers of aluminum foil.

Place lids loosely on bottles.

Package stir bars and utensils and seal shut.

Place autoclave tape on everything to be autoclaved.

Embryo Plastic Beakers

Rinse and scrub beakers with 7X soap. Make sure there is no blood or tissue left in the beakers. Rinse:

5 times with tap water

5 times with di water

Be certain there is no soap residue left in or on any of the dishes!!!!!!

Do not autoclave!!!

Big Ovary Thermoses

Clean once a week with 7x soap, rinse and dry.

Saline

Weigh 90 g of NaCl and place into carboy. Fill to the 9 liter line and shake to dissolve the salt. Fill to the 10 liter line and mix well. Add 100 ml of 100X pen/strep to the bottle. Label the carboy with “0.9% saline + P/S”, your initials and the date.

General Lab

- 1) Wash dishes.
- 2) Keep tip boxes full and autoclaved.
- 3) Dispose of biohazard waste.

General Lab Glassware

Fill sink with Alconox soap and water. Scrub dishes and rinse 5 times with tap water and 5 times with di water.

Molecular Biology Dishes

It is very important to **WEAR GLOVES!!!!** Wash dishes as described for General lab. Glass bottles need to be autoclaved. Make sure to keep them separate from other glassware. Write MB on the autoclave tape.

Cell Culture Lab (Upstairs)

- 1) Check each day for dirty dishes in the tub.
Wash these dishes with alconox soap and water. Rinse 5 times with tap water and 5 times with di water. After they are dry, foil and autoclave them. Write “cell” on the autoclave tape to keep them separate. Take them back upstairs when completed.
- 2) Check the biohazard trash. If it is full, package up and place a new box upstairs.

General Duties

Autoclave

Use dry cycle and autoclave 25 minutes and dry cycle 15 minutes.

Fill out autoclave log sheet. When the cycle is done, remove dishes and let cool. Then tighten lids on the bottles and place on the shelves in the proper lab.

Autoclave Test

This should be done monthly. See Amber for directions.

70% Ethanol

The ethanol is found under the sink in the main lab. Make sure the container is full in the embryo lab. Fill to line with ethanol and will the rest with di water.

Double-distilled water

This water is found in Dr Sally Johnson's lab upstairs. Keep the carboy in the lab full of water as needed. This water is used for making saline.

Biohazard trash

Disposal-

Tie the bag shut and tape a label on the bag. Close the box and place 3 strips of tape on the middle seam. Place tape along the other 2 edges so it will not leak. Tape a label on the outside of the box and place a date on the box. Take to the loading dock.

New Boxes-

New boxes and bags are found on the loading dock. To set up a new box place three pieces of tape on the middle seam. Place tape on 2 outer edges so it will not leak. Place a new bag in the box.