

Safety Training for Biology Hematology Labs

NOTE: Failure to follow these instructions will result in the *minimum* penalty of your being asked to leave the lab and receiving **NO CREDIT** for this laboratory activity. The *maximum* penalty is being expelled from the college.

Do not do this lab if you have:

- a. a bleeding disorder (hemophilia, thrombocytopenia, etc.)
- b. a blood-borne infectious disease (hepatitis, HIV, etc.)
- c. other conditions that contraindicate drawing or handling your blood

You are not required to tell the instructor why you cannot participate in this lab.

Universal (Standard) Precautions:

Blood-borne diseases, such as HIV and hepatitis, can be transmitted from person to person through contact with human blood and other body fluids. Follow the Universal / Standard Precautions whenever exposure to human body fluids is possible:

- Consider all body fluids (saliva, blood, urine, feces, vomit) to be potentially infected with a harmful pathogen.
- Do not touch or come into contact with anyone else's body fluids.

General Safety Procedures for this lab activity:

1. Work alone at your assigned space on the lab bench.
2. Handle only your own blood. You may not help anyone else to make a puncture or collect blood, no matter how much Personal Protective Equipment you are wearing or how often you have done this at work.
3. Spray the table with Envirocide disinfectant solution and wipe it down with paper towels both before and after lab.
4. Wear nitrile gloves on both hands during the entire lab except while you are still doing finger punctures. You may not remove your gloves until all contaminated materials in the room are cleaned or disposed of. Replace damaged gloves immediately.
5. Wear protective eyewear during the entire lab, until all contaminated materials in the room are cleaned or disposed of. The instructor will tell you when you can take off your safety eyewear.
6. Do not reuse lancets. Once you make the puncture, put the lancet directly into the sharps container on your table.
7. Use correct disposal procedures as described in the chart below.

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8. Tell the instructor or lab assistant if the biohazard bag is getting full.
9. Do not put your hands into the biohazard bag or push the contents of the biohazard bag down with your hands.
10. Notify the instructor if you accidentally discard something in the wrong container. Don't get it out yourself.
11. Keep extra papers and books off of the lab table.
12. Keep backpacks off the floor so that the instructor has free access to all work stations in the room.
13. Wash your hands immediately before leaving lab.

SPECIFIC DISPOSAL and CLEANUP INSTRUCTIONS

biohazard bag	sharps container	disinfectant in tub or bucket	collection area for reuseable items
gloves cotton balls alcohol swabs and their wrappers bandaids and their wrappers contaminated paper towels Tallquist paper Eldon cards and their wrappers blood typing pamphlet lancet wrappers plastic pipets paper cups plastic bags un-laminated hematocrit or Tallquist scales	microcapillary tubes lancets Eldon "fingers"	microscope slides	clay tablets laminated hematocrit reading cards laminated Tallquist color scales scissors