



Bio Safety

- Biosafety Cabinets
 - Certified annually
 - Gas tubing in good condition on the touch-o-matic burner or burner with pilot flame in BSC
 - Laboratory personnel trained in proper use of BSC
 - Open flames used appropriately and attended in BSC
 - UV lamp turned off when the laboratory is occupied
 - View screen at appropriate position when motor/blower running
 - If the biosafety cabinet view screen is adjustable, the view screen alarm sounds when the view screen is above the correct working height
- Equipment
 - Appropriate work practices used with centrifuge and blender
 - Using appropriate centrifuge with safety features and balanced properly.
- Disinfectants
 - Appropriate disinfectants used
 - Disinfectant spray bottle labeled with the name and concentration of the disinfectant
 - Containers of diluted disinfectant labeled with the date prepared and/or expiration date
 - Disinfectant bottles in appropriate locations
- Labeling, Bio
 - Appropriate (BL1 or BL2) laboratory practices wall sign posted in the lab
 - Biohazard door sign completed and posted or available if not posted
 - Biohazard labels posted on all equipment used for the storage or manipulation of biohazards
 - For labs registered with the State Dept. of Public Health, the state certification is posted near the door in one of the registered rooms
 - Universal Spill Response poster and yellow incident procedure card posted in the lab
- Registration, Bio
 - Form01 is current
 - Select Agents or Toxins in greater than exempt quantities are used/stored in the laboratory
 - Safety Advisor has reviewed past, present and proposed biohazard research with the Principal investigator and/or Lab Manager
 - rDNA Registration filed with Yale BSC for rDNA Experiments conducted in the laboratory
 - Safety Advisor has reviewed all rDNA Registered Protocols with the PI/Lab Mgr to ensure all rDNA Experiments are covered under an rDNA registration
- Work Practices, Bio
 - Appropriate use of pipettes
 - Glass items substitution with plastic items wherever feasible
- Work Practices, BL2+
 - Glass items substituted with plastic items wherever feasible
 - Manipulations of BL2+ or higher materials performed inside the biosafety cabinet



Condensed Checklist

- Biosafety cabinets certified and in proper condition
- Lab personnel are properly trained to use biosafety cabinet
 - Open flames are attended, UV lamp off when lab is occupied, viewing screen at appropriate position
- Blenders, grinders, and centrifuges are used appropriately and in good condition
- Appropriate disinfectants are labeled with the name, concentration, and date (and/or expiration date) in proper locations in the laboratory
- Following signs are posted:
 - Appropriate BL1/BL2 Laboratory Practices
 - Biohazard door sign
 - Biohazard labels on equipment
 - State certification near door (if registered with the State Department of Public Health)
 - Universal Spill Response poster
 - Yellow incident procedure card
- Registration, Bio
 - Form01 is current.
 - Large quantities of Select Agents and Toxins (BSATs) are stored/used in the lab.
 - Safety Advisor is aware of the research going on in the lab (particularly involving rDNA)
- Work Practices, Bio
 - Plastic items are preferable to glass items
- Work Practices, BL2+
 - BL2+ materials should be handled in biosafety cabinets.