

BL3 Laboratory Practices

1. Keep laboratory doors closed, and locked when unoccupied.
2. Post BL3 biohazard sign on lab door, include agent, entry requirements, and an emergency contact number.
3. Verify proper air direction before each entry into BL3.
4. Contact University Health Services for enrollment in the BL3 medical surveillance program (2-0071).
5. Develop and maintain a lab BL3 manual.
6. Do not permit visitors inside until lab is cleared by P.I. and OEHS (785-3550).
7. Wear solid-front or wrap-around gowns, gloves that can fit over gown cuffs, and safety glasses inside but not outside the laboratory.
8. Perform all work with BL3 agents inside a biological safety cabinet. Collect all BL3 waste inside the biological safety cabinet.
9. Use physical containment devices, such as sealed rotors or safety buckets for centrifugation.
10. Load and unload sealed centrifuge rotors and safety buckets inside a biological safety cabinet.
11. Use a biological safety cabinet to contain aerosol-producing equipment.
12. Wear respiratory protection devices when aerosols cannot be contained.
13. Protect the vacuum system from contamination by a hepa or hepa-like filter in between the vacuum system and the collection flask.
14. Avoid using hypodermic needles and other sharps.
15. Wash hands after completing experimental procedures and before leaving the laboratory.
16. Use leakproof, labeled, unbreakable containers for the transport of BL3 materials between laboratories. Consult OEHS for interstate shipment requirements.
17. Verify autoclave procedures periodically.
18. Report spills and potential exposures to P.I. and OEHS. An eyewash should be readily available.
19. Maintain a biological spill kit in a location outside the laboratory to facilitate spill response and decontamination.
20. Report any facility or equipment problems to OEHS and Physical Plant.

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