

20XX Annual Biosafety Inspections BSL-2 Checklist for Laboratories

Inspectors: Principal Investigator Lab Room (s):

PROTOCOL	INFECTIOUS AGENT (S)	PATHOGENS

Answer Yes, No or NA (not applicable), by placing an X in the appropriate box.

Biosafety Level 2	YES	NO	N/A	Comments
A. Standard Microbiological Practices				
1. Access limited to the lab when work is in progress.	\checkmark			
2. Persons wash hands after biohazardous work, after removing gloves and				
before exiting the lab?	ľ			
3. Are soap and towels available at the handwashing sink?	\checkmark			
4. Are eating/drinking/ applying cosmetics prohibited in the lab?	\checkmark			
5. Is food stored outside the work area, in cabinets or refrigerators	√			
designated for food only?	v			
6. Mouth pipetting prohibited; pipettes used	\checkmark			
7. Splashes and aerosols are minimized	√			
8. Glassware is minimized and use of durable plastic ware is used whenever	v √			
is possible.	v			
9. Are regulated sharps (e.g., needles, syringes, razor blades, lancets)	V			
discarded into puncture-resistant, red needle box?	v			
10. Sharps restricted to use when no alternative exists	\checkmark			
11. Are sharps containers no more than ³ / ₄ full? Have full containers been	V			
removed?				
12. Are all solid wastes, which are contaminated with biohazardous	√			
materials, discarded into red sharps containers, lined red tubs, or lined				
receptacles for later disposal in red tubs?				
13. Are all liquid wastes, which are contaminated with biohazardous	\checkmark			
materials, autoclaved or decontaminated with an effective disinfectant				
before they are poured down the sanitary sewer?				
14. All liquids poured down the sewer are maintained in a log book to assure	\checkmark			
adequate inactivation time for exposure to bleach. (e.g., info to include date				
treated/exposure time/notation of biohazard content)				
P. Special Practices				
 B. Special Practices 1. Lab access restricted when working with infectious agents. No minors 				
allowed.	V			
2. Persons advised of hazards and have required immunizations.	X			Missing Hep B forms for personnel
3. Is a BIOHAZARD sign posted at the lab entrance?				
	√			
4. Does the BIOHAZARD sign include information on the agent(s) used, biosafety level, and PI's name/telephone?	V			
5. Is the biohazard symbol used to identify equipment, containers,	1			
refrigerators, etc. that contain or are contaminated with microorganisms or	\checkmark			
rDNA materials?				
Biosafety Level 2	YES	NO	N/A	Comments
6. Supervisor ensures personnel receive appropriate biosafety training.				
7. Do lab personnel exercise a high degree of precaution with all	V			
contaminated sharp items, including needles/syringes, slides, pipettes,	v			
capillary tubes and scalpels?				
8. Laboratory surfaces decontaminated on a daily basis or after any spill of	√			
biological material.				
9. Clearly labeled spill kit containing absorbent material, gloves, disposable	\checkmark			
plastic scoops, tongs, biohazard bags and appropriate disinfectants are				
available in the laboratory.				
10. Spills and accidents reported to Supervisor and Biosafety Office.	\checkmark			
Medical follow-up as appropriate.	ļ			
11. Copy of USA College of Medicine Biosafety Manual/Exposure Control		X		ECP should be completed with lab/PI
Plan is available in laboratory.				specific information

C. Safety Equipment (Primary Barriers)				
1. Biosafety cabinet and other containment devices or personnel protective	\checkmark			
equipment used when:				
a.) potential for splashes/aerosols	\checkmark			
b.) high concentrations or large volumes of agents used	\checkmark			
Are eye and face protection disposed of with other contaminated	\checkmark			
laboratory waste or decontaminated before use?				
3. When biohazardous materials must be manipulated outside a Class II	\checkmark			
biological safety cabinet, does lab personnel use face protection (e.g.,				
goggles, mask, face shield) for unexpected splashes to the face?				
4. Is the Biosafety cabinet functional and current on inspection?	\checkmark			
Lab coats worn and removed prior to leaving the lab.	\checkmark			
Hangers are provided for laboratory coat storage.	\checkmark	1		
7. Gloves worn when working with agents. Alternatives to powdered latex	\checkmark			
available.				
D. Laboratory Facilities (Secondary Barriers)				
1. Are bench tops impervious to water and resistant to acids, solvents and disinfectants?	\checkmark			
2. Provide lockable doors for restricted agents (42 CFR 72.6)	\checkmark		/	
3. Easily cleaned. No carpet or rugs. Chairs covered with vinyl or suitable material for ease of decontamination.	\checkmark			
4. Eyewash readily available. Checked weekly by staff.	\checkmark			
5. Does lab contain a wrist-operated handwashing sink?	√			
E. Training of Personnel				
1. Documented bloodborne pathogen/biosafety training?	\checkmark			
2. Documented emergency response (accidental exposure plan) and	v √			
Autoclave SOP training.	v			

Additional comments/observat	ions:	

Signatures:

X: ______ X: _____

Date: _____/____/_____/



