

BIOSAFETY LEVEL 2 (BSL-2) WITH BIOSAFETY LEVEL 3 (BSL-3) LABORATORY PRACTICES

BSL-3 practices provide additional safety when working with certain higher risk agents in a BSL-2 lab. Examples include culturing HIV or work with certain viral vectors containing oncogenes. The practices outlined below are required in addition to standard BSL-2. Contact an EH&S biosafety officer for assistance at ehsbio@uw.edu or 206.221.7770.

Lab-Specific Biosafety Manual	Lab-specific manual written to include training, entry/exit requirements, spill/exposure procedures, equipment operations, decontamination procedures. Requires approval by biosafety officer. Template manual available upon request.
Training Program	Documented training on the lab-specific biosafety manual and practical training with the supervisor is required for laboratory personnel. All required EH&S trainings must be current (e.g., Biosafety, Bloodborne Pathogens).
Personal Protective Equipment (PPE)	A rear-opening lab coat and gloves are worn. Double gloves, goggles, and face shield may also be required. Reusable PPE is autoclaved prior to laundering.
Entry / Exit	An entry/exit area PPE donning and doffing is available.
Decontamination	All material leaving the lab decontaminated or autoclaved . Decontamination methods are detailed in the lab biosafety manual, including the use of autoclave quality controls.
Signage	A BSL-2 with BSL-3 practices biohazard warning sign listing agents, entry requirements, and emergency contact information is posted on the door.
Access	The lab door is lockable with access controlled by the PI and remains closed when not in use. Any persons with access are trained on the hazards.
Sharps	Alternatives to sharps are used when feasible. If no alternatives exist, sharps safety procedures are detailed in the lab-specific biosafety manual.
Aerosol Containment	Open manipulations of agents are conducted inside a biological safety cabinet or other physical containment device.
Vacuum Lines	In-line HEPA filters are used on all vacuum lines.
Inward Airflow	Inward directional airflow is required.
References	Biosafety in Microbiological and Biomedical Laboratories (BMBL) UW Biosafety Manual