



BSL-2 SOP Instructions

A Standard Operating Procedure (SOP) is necessary for all IBC approved laboratories working with Biosafety Level 2 agents. The SOP must be reviewed annually by the Approval Holder or Approval Safety Coordinator.

All highlighted areas, tables, and blanks must be filled out. Highlighted areas are to be replaced with your proper laboratory specific information.

Signature and Acknowledgement Page for [A.H's] Lab Workers

The signature page for lab workers confirms that the worker has read, understood, and will follow the regulations and safety procedures within the SOP and the UA Biosafety Manual. This section is dedicated to lab personnel working directly with recombinant and biohazardous material.

Signature and Acknowledgement Page for Visitors to [A.H's] Lab

The signature page for visitors is to confirm all support staff (i.e. technicians for autoclave, centrifuge, or biosafety cabinet) that will come into the lab and will not directly handle the recombinant and/or biohazardous material, but may come in contact with contaminated objects have read the SOP's and has understood the possible routes of exposure and consequences of coming in contact with such organisms.

Agents

The Agent column of the table is for pathogens including but not limited to: human cell lines, bacteria, virus, and fungi. The 'Route of Exposure' column needs to include any route that specific pathogen could possibly cause an infection.

Explain what agents are being worked on in the lab, including agent's being stored. i.e. human cell cultures, bacteria, virus, fungi, etc. Make sure to say what genus, species, and strain as applicable.

The table list routes of exposure for each agent. i.e. fecal/oral, aerosol, direct contact via mucous membrane or open wound, parenteral, etc.

Procedures for Handling Agents

Explain laboratory procedures performed for each IBC approved project (organize projects (protocols) by title).

Personal Protective Equipment (PPE)

The location of the first aid kit needs to be specific enough so a new worker who has never been inside of the laboratory can find it.



Have the location of all PPE available and discuss how PPE is disinfected (i.e. lab coats being laundered)

Cleaning and Disinfection

The location of the spill kit needs to be specific enough so a new worker who has never been inside of the laboratory can find it.

The 'Type of Disinfectant' column needs to be the name of the product, not necessarily the active ingredient. The 'Concentration' column needs to be a number between 0%-100%. The 'Contact Time' column needs to be a time in minutes or seconds that states how long you leave that chemical on the surface area to allow for proper disinfection.

Autoclave logbook at a minimum must include date, time, type of waste, temperature and pressure, initials who ran the load, and a small piece of the autoclave tape for verification.