

BSL-2 Biosafety Lab Inspection Checklist

PI _____ Present _____ Lab Manager/Other _____

Bldg(s) _____ Room(s) _____ listed on IAR Phone _____

Date/Time _____ Inspected by _____ Agents used _____

Yes No NA – check one answer

Universal Hazard Sign correct? *If not, notify Bill Peairs*

Biosafety manual

- Current version
 Signatures: PI and staff
 Shared space staff signatures for risk acknowledgement
 Exposure Control Plan for Blood Borne Pathogens
 Hep B signatures
 Appendix C: Other vaccinations required or suggested? List: _____
 Toxin Plan

Training

- Biosafety/BBP
 Shipping

Food/Drink Stored Appropriately?

Comments _____

Transport Container

Comments _____

Aerosol Generation?

Homogenizing _____ Sonicating _____ Blending _____ Shaking _____
Grinding/Mincing _____ Vortexing _____ Other _____

Biosafety cabinet

- Present? If no or N/A, why? _____
 Certification in date, if not, record Serial Number _____
 Vacuum line has HEPA filter
 Vacuum flask has 5-10% bleach. Plastic canister? _____
 Burner (bactinerator or touchplate, alcohol)
 UV lights used? If yes, why? _____

Lab coats

- Present
 Worn
 Cleaned by Vendor which adheres to OSHA guidelines
 Or disposables

Biotoxin use

- Secured storage Which room? _____
 Inventory log, in/out amounts, dates, times, initials.
 Decontamination method
 Biotoxin Training
 Reconstitution of Lyophilized toxin
 Lyophilized toxin is used Biosafety Cabinet/Chemical Fume Hood
 If no-then rubber septum on vial used/respiratory protection used

Yes No NA

Waste

- CMCs
 Autoclave *If yes, complete last section: decontamination of waste by autoclaving.*
 Sharps. Do they have a broken glass box for other glass? _____
 Glass Pasteur pipettes
 Liquids

Adequate Surface disinfection

- 70% EtOH how used/cannot be primary _____
 5-10% Bleach, stored with light protection
 Cavicide (EPA registered cidal for HIV, HBV, HCV, M. tuberculosis, MRSA)
 Other products used _____
 Spill Decontamination - 5-10% bleach, Cavicide

Facilities

- Chairs Cleanable
 Eyewash
 Sink/soap/water; **or** alcohol based hand sanitizer immediately if no available running water.

Biohazard Signage:

- Storage
 Lab equipment – BSC, incubator, refrigerator, freezer, shaker, other
 Lab Door(s)

Decontamination of waste by autoclaving: *See website for autoclave policy*

- Performed in room _____ Central facility? _____
 Logbook (Name, date, time, cycle time, biological indicator results)
 Minimum cycle time 30 minutes or evidence for other amount of time
 Monthly validation check (biological indicator)

Animal Work

- Biohazard labels on cages containing infected animals
 PPE during animal work (gloves and lab coats)
 Aerosols? (i.e. Necropsy, harvesting tissues or fluids from infected animals or eggs, intranasal inoculation)
 If yes, use a Biosafety Cabinet? _____
 If not using a Biosafety Cabinet, PPE? (Face shield and respirator/surgical mask) _____
 Transport of dirty cages

Consistency of IAR and Lab Conditions

- Rooms
 Personnel
 Agents

BSL2 Enhanced Features (e.g. S.typhi, HBV, HIV, etc.)

- Rooms/Work areas separated from areas that are open to unrestricted traffic flow
 Passage through two sets of doors
 Surface of doors, walls, floors and ceilings in the work area are water resistant
 Sink for washing hands (hands free for *S.typhi* and enters) located near the exit door
 Access doors of the work area are self-closing.
 Autoclave for decontamination of regulated waste available (close to work area)
 Directional airflow that draws air into the work area through the entry area).
 Double Gloves