

## **LENTIVIRUSES, RETROVIRUSES AND ADENOVIRUSES GUIDELINES**

### **Requirements**

#### **A) Facilities :**

1. Use biosafety cabinet II in the BSL2.
2. Do not carry out viral work in open-bench work
3. Biological Safety Cabinet (BSC) required
4. Eye protection, disposable gloves, laboratory coat required in addition to BSC.
5. When centrifuging retrovirus or adenovirus, rotors/buckets must be loaded/unloaded within the BSC and wiped down with appropriate disinfectant prior to being removed from BSC. Do not expose the virus in open air.

#### **B) Disinfections :**

1. Liquid waste : 1% of virkon for liquid waste
2. Solid waste : Autoclave for 30 minutes at 121°C

#### **C) Work Procedures :**

1. Treat all the samples as potential infectious pathogens.
2. Wear general PPE for laboratory
3. Handle the samples in the BSL2 and BSC class II.
4. Disinfect work areas before and after use. Use face protection (goggles, mask, face shield or other splatter guard) for anticipated splashes or sprays of infectious or other hazardous materials to the face when the microorganisms must be manipulated outside the BSC.
5. High concentrations or large volumes of infectious agents are used. Such Materials may be centrifuged in the open laboratory if sealed rotor heads or centrifuge safety cups are used, and if these rotors or safety cups are opened only in a biological safety cabinet.
6. Use disinfectant soap to wash the hands before and after handling potential infectious agents.