Questions / reporting technical problems: **Feedback form**

Emergencies: **044 635 53 36** **044 635 57 02**

Entry and Exit of Samples for Sorting

The receiving laboratory needs to have the necessary permits for working with BL2 and BL2+ organisms

Introduction of microtiter plates and tubes with BL2 or BL2+ samples:

BL2 side:

- Make sure there is a Cat. B transport container in the material lock.
- The small material lock (pass-through) is opened by staff of the IMV.
- Take sample containers out of the packaging (no styrofoam containers in the BL3!).
- Place sample containers in the waiting transport container and close transport container.
- Close the material lock.

BL3 side:

- The FACS operator opens the small material lock (pass-through) and takes the transport container containing the sample.
- Transport of the sample in closed transport container to the FACS.
- Spray transport container with mikrozid® and allow to react for 2 min.
- Place the transport container in the biosafety hood of the FACS.
- Take out sample, close the transport container and leave it in the biosafety hood.

Export of microtiter plates and tubes with samples of group 2 or 2+:

Inside biosafety hood of the FACS machine:

- Decontaminate surface of sample vessel by spraying with mikrozid® (or 2M NaOH for Prionsamples) let react for 2 min, dry wipe with disposable cloth. For non-enveloped viruses an exposure time of 30 min is required (see data sheet for mikrozid®).
- Transfer the samples into the Cat. B transport container.

- Transport the sample inside the closed transport container to the small material lock.
- Immediately before the material lock, spray the transport container with mikrozid®, (or 2M NaOH for Prionsamples) leave for 2 min, wipe dry with disposable rag.
- At material lock there is a roller table with aerosol for mikrozid®, wipes and waste containers.
- Transfer transport container to material lock.
- Spray again with mikrozid® (or 2M NaOH) and discharge it through the small material lock. (Spraying the transport container again inside the material lock, guarantees a contact time of 2 min as the discharge process takes minimum 2 min).

If 2M NaOH is used for decontamination of Prionsamples collect all wipes and tissues in an autoclaving back and subject it to the Autoclaving Protocol for Prion samples.