



Standard Operating Procedure (SOP)

Title: Working with CL2 animals	SOP No. SAIL-SOP-03
	Version No. 03
	Effective Date: July 28, 2017
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Distribution

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1. Purpose

To describe the proper procedures for using rodents housed in Glen CL2 holding rooms in the SAIL facility.

2. Scope

Applicable to all work with rodents coming in SAIL procedure rooms from Glen CL2 holding rooms.

3. Responsibility

To be followed by trained laboratory personnel. It is the responsibility of the study's Principal Investigator(s) and/or his/her designate(s) to ensure compliance with this procedure.

Only animals infected with pathogens authorized by the FACC will be accepted in SAIL facility.

SAIL Manager and/or his/her designate must be informed of transport prior to CL2 animals entering the facility.

4. Materials

- Approved disinfectant wipes
- Brown paper
- Clean green gown
- Personal Protective Equipment (PPE: N95 mask, Hair bonnet, Sleeves, Gloves)
- Biohazard label and door sign

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5. Procedure

5.1 Before accessing SAIL facility

- 5.1.1 Animal use Protocol (AUP) must have been approved prior to any infected animals entering the SAIL facility.
- 5.1.2 One hour prior to imaging CL2 animals, inform SAIL Manager of the work that is to be done in SAIL facility.
- 5.1.3 To avoid contamination of anaesthesia equipment and tubing, it is prohibited to use the SAIL inhalant anaesthetic machines unless arrangement was made with SAIL Manager. Therefore, anesthetize the animal in the CL2 sector using an appropriate injectable drug cocktail as per McGill SOP 110 "Mouse anesthesia".
- 5.1.4 Once anesthetized, place the animal in a new clean cage and identify it with a biohazard label.
- 5.1.5 Flip the biohazard sign on the appropriate SAIL procedure room's door and disinfect the animal handling area using approved disinfectant wipes before bringing the animal cage from the CL2.

5.2 Access to SAIL facility

- 5.2.1 Transport of animals in their cages must follow procedures indicated in SAIL-SOP-01: Rodent transport procedures
- 5.2.2 A brown paper layer soaked with approved disinfectant must be put on the surface under the cage.

5.3 Personal protective equipment (PPE)

- 5.3.1 Personnel handling CL2 animals must wear appropriate PPE, which includes a dedicated clean green gown, hair bonnet, N95 mask, sleeves and gloves.

5.4 Opening cages

- 5.4.1 Every precautions must be taken when opening cages to avoid cross-contaminating other animals present in the procedure room.

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5.4.2 When opening the cage, the cage lid must be put down on a brown paper layer soaked with Approved disinfectant and put back in place as soon as possible.

5.4.3 Position the anesthetized animal in the scanner and proceed with imaging protocol.

5.5 Completing procedures using CL2 animals

5.5.1 Following the study specific procedure(s), put the animal back in its cage as soon as possible.

5.5.2 Disinfect every surface that came in contact with cages, animal handler's gloves or animals using approved disinfectant wipes.

5.5.3 Place the dirty green gown in the biohazard laundry bin, put the blue lab coat back on and return the animal to its CL2 housing rooms (see SAIL-SOP-01: Rodent transport procedures).

5.5.4 Flip again the biohazard sign on the SAIL procedure room's door to indicate that no more biohazardous work is in progress.

6. References

SAIL-SOP-01: Rodent Transport Procedures

SOP 110 : Mouse anesthesia

SOP 705: Animal biosafety level 2 Rodents

OP-13.00 Personal Protective Equipment, Circulation, and Work in the Glen Containment Level 2 (CL2)

7. Appendices

None

