

Handling instructions for pig corneas imported from Singapore

Version: 21th May 20**

It is necessary to carefully manage pig corneas imported from the countries unapproved by Ministry of Agriculture, Forestry and Fisheries of Japan. The follows are the important points.

1. **Keep the corneas under triple-sealed condition during transporting and storing.**
2. **Unpacking the sealed container only within the safety cabinet.**

(Portable phone number of contact person in SPring-8)

SPring-8 staff: 3590 for ***** & 3451 for ! ! ! !

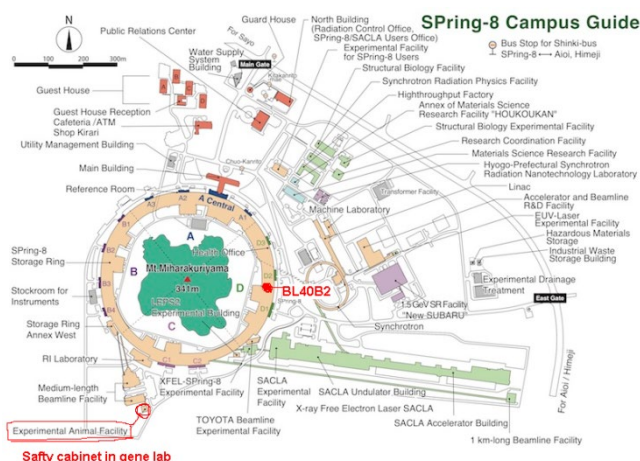
(Arrive at SPring-8)

After you get a dosimeter with the RFID tag and a SPring-8/SACLA User Card, immediately contact to SPring-8 staff. The staff inspects imported pig cornea in the safety cabinet.

(Safety cabinet and storage)

There is the safety cabinet in the gene labo at Exp Animal Facility.

The approved storage is a Peltier refrigerator in BL**B2 hutch.



(Importance of locking)

The gene labo with the safety cabinet must manage the lock-up until the post-use disinfection operation is completed. Lock-up of BL**B2-hutch is also required as a protection against contact and loss. The gene labo and BL**B2 are used only for users (No.2019A****) during the period. It is forbidden to enter them except the users.

Instructions for use of the gene labo at Exp. Animal Facility

(Entering the gene labo)

User must wear a white coat and change into slippers when entering the labo room.

Keep the door closed during the operating.

(Operating in the safety cabinet)

Wear gloves and a mask when putting your hand into the safety cabinet.

Waste put in the waste container.

Store the alkaline-disinfectant solution and the liquid waste in different containers.

When putting a gloved hand out of the safety cabinet, disinfect the glove with ethanol to prevent the spreading of contamination.

(Exit from the gene labo)

Before exiting, remove gloves and the mask and put them in the waste container, then wash your hands and your fingers on the sink and wipe your hands with a paper.

The white coat must be irradiated with UV light for more than 30 minutes every time when exiting. Change into your shoes.

Lock up the gene labo, when the gene labo is unattended.

(Carry the measurement container to beamline)

When carrying the container from the safety cabinet, disinfect the outside of the sealed container by soaking it in a bat filled with hypochlorous acid or ethanol for disinfection.

Put the container into a zippered bag after the disinfection.

The zippered bag must be carried in a foam box to the beamline.

(Equipment)

Tools that contact with the cornea must be brought out or discarded after autoclave treatment

(Emergency)

If something spills on the floor, immediately clean the area with hypochlorous acid.

(Finish)

After the all operations are finished, the safety cabinet must be disinfected with ethanol and then irradiated with UV light for more than 30 minutes.

Sterilize containers and pig cornea by autoclave treatment after x-ray measurement

Waste container must be sterilized by autoclave treatment.

Use an indicator to confirm that sterilization has been completed during autoclave.

(Others)

Don't eat, drink, smoke and makeup in the gene labo.

Keep overhead lighting and safety cabinet operating.

Instructions for use of BL40B2

There is a Peltier refrigerator in BL**B2 to store pig cornea.

Display “Storage of prohibited imports” on the outside of storage.

(Storage of pig cornea)

Store the transporting and/or measurement container in zippered bags

Don't put other materials in the storage during storing pig corneas

Lock up the BL**B2-hutch door, when unattended.

(Handling of the container)

Wear gloves when contact with the measurement container.

After handling, remove gloves and put them in the waste container, then disinfect your hands by ethanol.

Never unpack the container including the pig cornea at BL**B2.

When operation is required, take it to the gene labo.

(Emergency)

If the sealed container is broken, immediately clean the area with hypochlorous acid.

(Others)

The storage period is until 10am, 28th June 20**.