Document providing information on Section 2-(3), A (e)–(j), of Guidelines for Granting Permission for Importation of Pathogens [Appendix to the Notice from Director of Animal Quarantine Service 20 dated 21 February 2009 (No. 1067)] under provision of Article 36, Paragraph 1, of Act on Domestic Animal Infectious Diseases Control

Laboratories: Experimental Hutch of BL**B2 in Storage Ring, Experiment Preparation Room No. 4 (XFEL Biological Sample Preparation Room) in the SACLA Experimental Building

1 Designation of controlled area	(Designated) / Not designated
2 (1) Location of storage cabinet i) The storage cabinet is located in the laboratory (in a storeroom within a controlled area whose entrance is equipped with a lock or other means of restricting entry). (Storeroom: Experimental Hutch of BL**B2 in Storage Ring)	(Yes) / No
(2) The storage cabinet is equipped with a lock or other locking system or device. The storage cabinet will be placed in the experimental hutch, the door of which can be locked.	(Yes) / No
(3) Method of storage The prohibited item, which has been processed for measurement (sealed with film), is put into a zippered plastic bag and stored at a temperature of 5 °C.	
3-A The interior structure of the laboratory is such that surfaces (wall, floor, etc.) can be easily disinfected.	(Yes) / No
3-B (1) There is a safety cabinet inside the laboratory. If there is no safety cabinet in the experimental hutch, unsealed samples will be handled within a safety cabinet in the XFEL Biological Sample Preparation Room. (Class of safety cabinet: Class II)	(Yes) / No
(2) One of the following applies.	(Yes) / No
i) The use of pathogens will not be accompanied by the generation of an aerosol.	(Yes) / No
ii) Animals larger than those that can be stored in the safety cabinet will be used.	(Yes) / No
3-C (1) The laboratory is equipped with instruments that can be operated by foot or elbow or automatically.	Yes / (No)
(2) Measures with equivalent or better effects are adopted in the laboratory. Those who engage in experiments wear gloves when they are in the laboratory and remove them when they leave the laboratory.	(Yes) / No
3-D The laboratory entrance is equipped with a key or other locking system or device. The laboratory is always locked with a key when unattended.	(Yes) / No

4 Pathogens will be used on animals. (Type of pathogens used: ○○○) (Animals that will be subjected to pathogen inoculation (infection) experiments: ○○○)	(Yes) / No
4-A The housing facility is located in the laboratory.	~~Yes / No~~
4-B (1) The housing facility is located in an isolator.	~~Yes / No~~
(2) The laboratory is equipped with an exhaust system.	~~Yes / No~~
(i) The exhaust system is such that the air flows inward from the entrance of the laboratory.	~~Yes / No~~
(ii) The exhaust system is such that the exhaust air passes through one or more high efficiency particulate air (HEPA) filters.	~~Yes / No~~
(iii) There is an instrument for checking the operating status of the exhaust system. (Example of instrument: differential-pressure meter)	~~Yes / No~~
There is a sterilization device in the storage site. XFEL Biological Sample Preparation Room	(Yes) / No
6 A periodic inspection is performed at least once a year to maintain the functions described above.	(Yes) / No

(Note)
Please attach supplemental materials (figures, etc.) as necessary.
7 Measures to prevent epidemic while handling pathogens
☒ Special clothes, shoes, and protective equipment for working in the laboratory
Those who work in the laboratory wear special shoes and a (disposable) lab coat over their clothes.

☒ Rooms for changing into clothes, shoes, and protective equipment for working in the laboratory
Shoes and lab coat, etc., are put on at the entrance of the Experimental Hutch of BL**B2 in the Storage Ring or in the room in front of Experiment Preparation Room No. 4 (XFEL Biological Sample Preparation Room) in the SACLA Experimental Building.

☒ Use of safety cabinet
In the safety cabinet, samples are taken out of the bag and transferred to a container for measurement. Measurement can be performed while the samples are in the zippered plastic bag.

☒ Entry restriction and indication at the laboratory and storage site (e.g., Appended Form 32 of the Rules)
An “Authorized Personnel Only” and biohazard signs are posted at the entrance of the controlled area and the laboratory as well as on the storage cabinet.

☒ How to carry pathogens between the storage site, laboratory, and animal laboratory
(If the storage site, laboratory, and animal laboratory are located separately)
When a prohibited item is carried between the storage site, the laboratory, and the room equipped with a sterilization device, the samples enclosed in a zippered plastic bag are placed in an airtight container.

8 How to disinfect the places where pathogens were handled or the places that may be contaminated with pathogens (safety cabinet, workbench, etc.)

A workbench that may be contaminated is disinfected with sodium hypochlorite.

9 How to sterilize and dispose of used pathogens and devices contaminated with pathogens
(How to disinfect and dispose of excreta and carcasses of animals that have been subjected to animal inoculation experiments)

The possibility of contamination of the laboratory and its equipment will be extremely low because the measurement of samples (quarantine items) are performed while the samples are sealed in a zippered plastic bag. After measurement, the samples are sterilized in an autoclave. When the devices have been contaminated during operation or the samples need to be disposed, they are first sterilized in an autoclave at 121 ° C for 15 min or more.