

Standard operating procedure: Transportation of SCID pigs

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Purpose: Provide a protocol for transporting SCID pigs from the biocontainment bubble to the SCID trailer.

Procedure:

1. Routine testing of viruses and bacteria should be done on SCID pigs before transportation.
2. Isolators will be used for transporting on SCID trailer.
3. These isolators will be disinfected and packed with supplies before transportation.
4. The SCID trailer will be sprayed with rescue for disinfection before loading the isolators.
5. Personnel will be inside the bubble to help put the pigs into the isolator as cleanly as possible, while personnel will be outside to handle the isolator.
6. The isolator will be unplugged right before moving to the biocontainment bubble to load the pigs.
7. The end of the isolator to which the pigs will be loaded will be moved into right inside the bubble and sprayed down with rescue to disinfect before loading the piglets.
8. Once the end has been sprayed with disinfectant, the port cover will be removed.
9. Piglets will be put inside the isolator, and the port will be closed as quickly as possible.
10. Once closed, the isolator will be carefully removed from the biocontainment bubble and moved to the SCID trailer for loading.
11. The isolator will be loaded into the temperature-controlled environment of the SCID trailer.
12. The isolator fan will be plugged back in and checked over to ensure that positive pressure is being achieved.
13. The isolator will be strapped down with special ratchet straps, and the wheels locked to ensure a secure drive.
14. The trailer is closed and locked until arriving at the destination.
15. The piglets will be checked periodically depending on the travel time.