



Vapor Shipper Handling Guidelines

The Cedars-Sinai Biomanufacturing Center iPSC Core has shipped your cells in cryovials using an MVE SC4/2V Vapor Shipper. This vapor shipper consists of outer plastic packaging, an inner insulated container with fiberglass neck construction and a rounded silver insert that sits inside the insulated container.

The iPSC Core has provided a return packing slip in your shipment. **The vapor shipper must be returned to the iPSC Core within two weeks after delivery.** If the vapor shipper is not returned to the iPSC Core within the allotted time, the value of the vapor shipper will be added to your final invoice. If you anticipate any delays in returning the vapor shipper, contact the iPSC Core immediately at iPSCCore@cshs.org.

Please check the sides of the inner compartment of the plastic packaging to find an envelope containing the following:

- Return slip envelop
- Return packing slip
- Return packing forms
- General iPSC handling guidelines
- iPSC culturing SOPs



The vapor shipper maintains the cryo storage area between -150°C and -190°C for up to 14 days. Use caution when retrieving your cryovials from the vapor shipper. Use of cryogenic gloves when removing cryovials from the unit is highly recommended.

Instructions for Retrieving Cryovials from the Vapor Shipper

Please follow the instructions below to safely remove your vials from the vapor shipper:

1. Using a box cutter or scissors, remove the zip ties that are anchoring the inner container lid.
2. Remove the inner container lid exposing the cryo storage area.
3. Carefully pull out the cryovial rack located inside the silver insert by grasping the center handle and gently pulling upwards. To fully remove the cryovial rack ensure that the notches align with the silver insert indentation.
4. Remove the cryovials from the cryovial rack and thaw or store in LN2 vapor phase immediately.

NOTE: The cryovial rack may contain multiple levels depending on the number of cell lines requested. Please pull the entire rack out to ensure that you have removed all cryovials.

Returning the Vapor Shipper to the iPSC Core

1. After removing your cryovials from the vapor shipper, return the inner container lid to its original position.
2. Ensure that you have removed the envelope containing your return packing slip from the vapor shipper container.
3. Close the outer container lid and lock it into place.
4. Remove any previously attached labels from the outside of the vapor shipper container.
5. Sign the required forms (marked with a tab).
6. Place the forms and the return packing slip in the provided envelope and attach to the outside of the vapor shipper container.
7. Schedule a pickup with FedEx.
8. The iPSC Core will confirm with you once the vapor shipper has been successfully returned.