

Storage & Handling - Emergency Guides

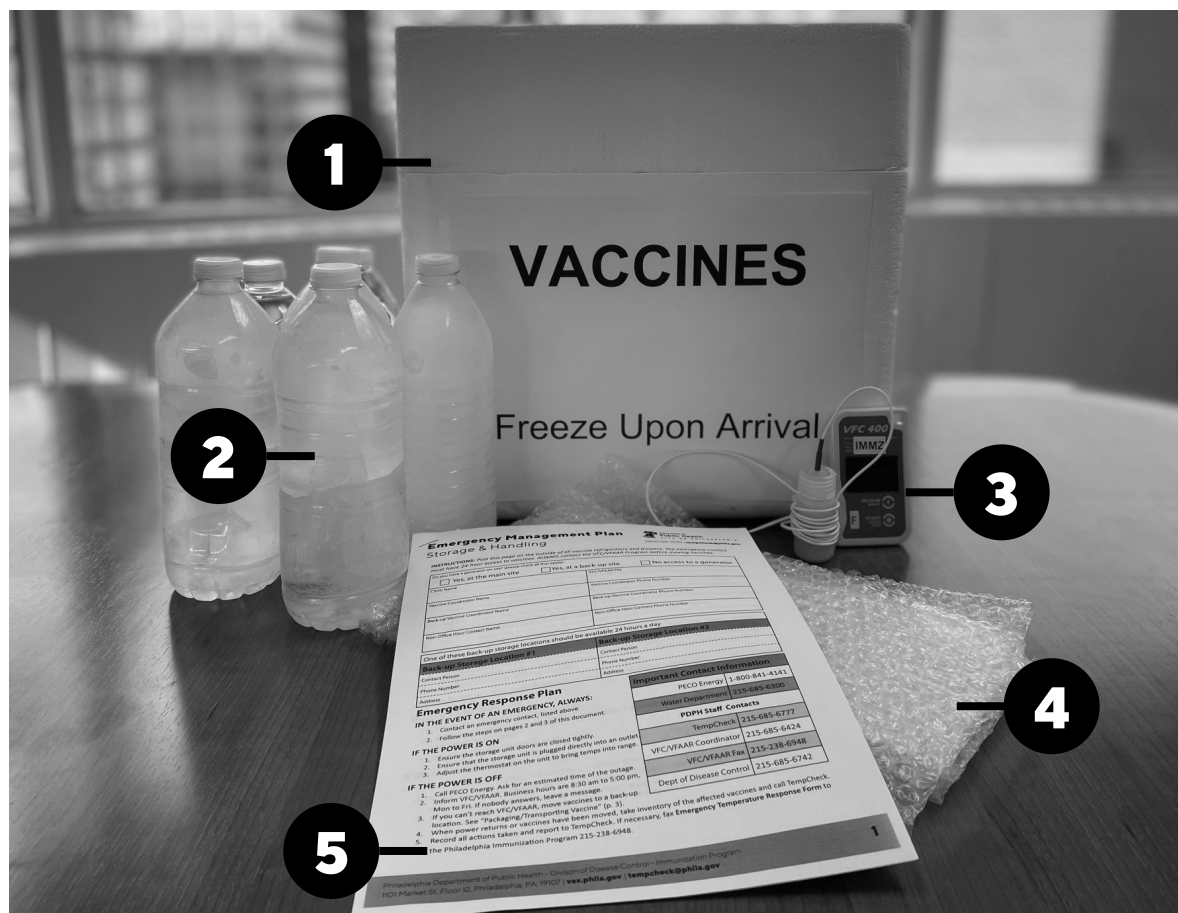
Transporting Frozen Vaccine

Use this emergency guide to transport frozen vaccine without risking vaccine wastage. Have questions or need assistance? Contact our Storage & Handling team by emailing tempcheck@phila.gov.

Assemble Packing Supplies And Documents

Before you transport your frozen vaccine, you need to assemble the following supplies and documents. DO NOT begin packing and transporting frozen vaccine until all of the following materials are collected.

1. **Hard-sided cooler.**
2. **Frozen water bottles.** NEVER USE DRY ICE. Keep enough frozen bottles in your vaccine freezer to make two layers in the transport cooler.
3. **Digital Data logger (DDL).** Retrieve your device's buffered probe and its digital display.
4. **Insulating cushioning material.** Use 2-inch layers of bubble wrap to prevent vaccines from shifting. Do NOT use packing peanuts or other loose material that might shift during transport.
5. **Vaccine management plan.** Find the alternate vaccine storage location in your practice's vaccine management plan.



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Transporting Frozen Vaccine

Pack Vaccines and Prepare For Transport

Once you have assembled all the necessary packing supplies and documents, follow the steps to properly pack your frozen vaccine for transport. **Remember to note the time you began moving the vaccine.**

1



Frozen water bottles

Place a layer of water bottles to completely cover the bottom of the cooler. **NEVER USE DRY ICE.**

2



Vaccines

Layer vaccine boxes directly on top of the frozen water bottles.

3



Buffered probe

Place the buffered probe with the top layer of vaccines.

4



Frozen water bottles

Spread another layer of frozen water bottles to completely cover the vaccines.

5



Bubble wrap

Layer bubble wrap to all the remaining empty space and close the cooler.

6



Transport log and display

Record the time and temperature of vaccine in cooler before departure.

Attach the DDL to the outside of the cooler.

Drive the vaccines to your back-up location.