

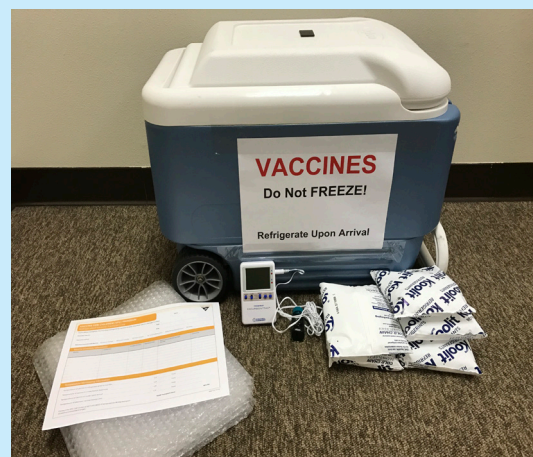
# TRANSPORTING REFRIGERATED VACCINE

## GUIDELINES FOR EMERGENCY VACCINE TRANSPORT AND SHORT-TERM STORAGE

CDC discourages any vaccine transport. Vaccines should only be transported when absolutely necessary. In an emergency situation, this procedure will keep refrigerated vaccines within the required temperature range for up to eight hours—depending on transport conditions. Call the vaccine manufacturer if you have concerns.

### ASSEMBLE PACKING SUPPLIES AND DOCUMENTS

- 1 Hard-sided cooler**
- 2 Conditioned cold packs or conditioned frozen water bottles**  
Leave cold packs at room temperature until they perspire (1–2 hours). Frozen water bottles can be placed in lukewarm water until the ice block inside spins freely (fewer than 5 minutes).
- 3 Insulating cushioning material**  
Use 2-inch layers of bubble wrap to prevent vaccines from freezing. Do NOT use packing peanuts or other loose material that might shift during transport.
- 4 Data logger**  
Retrieve your backup device's buffered probe from the vaccine refrigerator and its digital display.
- 5 Transport Log**  
Print a copy of the VFC "Refrigerated Vaccine Transport Log" (IMM-1132).
- 6 Vaccine management plan**  
Find the alternate vaccine storage location in your practice's vaccine management plan.



### PREPARE FOR TRANSPORT

- 1** Contact the VFC Call Center or your VFC Field Representative for approval to transport vaccine.
- 2** Verify that the alternate vaccine storage location can store all of your vaccines.
- 3** Fill out the top portion of the transport log.
- 4** Remove vaccines from the refrigerator.
- 5** Fill out "Vaccine Inventory Information" on the transport log before proceeding.

VACCINE FOR CHILDREN (VFC) PROGRAM Refrigerated Vaccine Transport Log					
Available Month: <b>Tr. CA Month</b>					Date: <b>12/24/20</b>
Handed to: <b>Happy Pediatrics, Inc.</b>					Ref: <b>124567</b>
Reason for transport: <input type="checkbox"/> Low stock <input type="checkbox"/> Stock supply <input checked="" type="checkbox"/> Short stock <input type="checkbox"/> Out of stock <input type="checkbox"/> Building maintenance <input type="checkbox"/> Other					
Vaccine Inventory Information					
Name	Lot Number	Batch #/Lot	Expiry Date	Refrigerated Vaccine (VFC)	Comments
Pediatric	LN2345	200	12/22/21	No	
Temperature Monitoring Information					
Temperature of vaccine in refrigerator prior to transfer:				C/F	Time
Temperature of vaccine in cooler before departure:				C/F	Time
Temperature of vaccine in cooler upon arrival:				C/F	Time
Temperature of alternate vaccine storage unit:				C/F	Time
Contact the VFC Call Center (877-245-8832) if temperature during transport exceeds recommended range:					Total Transport Time: <b>45</b> mins

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## PACK VACCINE AND PREPARE FOR TRANSPORT

### 1 Conditioned cold packs or conditioned frozen water bottles



Place the conditioned items to cover only half of the bottom of the cooler.

### 2 Bubble wrap & buffered probe



Completely cover the cold packs/frozen water bottles and cooler bottom with a 2-inch layer of bubble wrap.

Place the buffered probe on top of the bubble wrap—directly above a cold pack.

### 3 Vaccines



Layer vaccine boxes on the bubble wrap and probe. Do NOT let vaccine boxes touch the conditioned items.

### 4 Bubble wrap



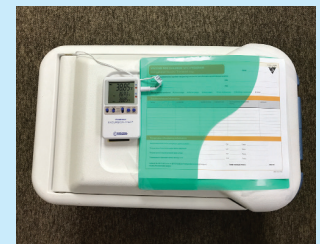
Completely cover vaccines with another 2-inch layer of bubble wrap.

### 5 Conditioned cold packs or conditioned frozen water bottles



Place conditioned cold packs or frozen water bottles to cover only half of the bubble wrap. Do NOT let any vaccine boxes touch the conditioned items.

### 6 Bubble wrap, transport log, display



Layer bubble wrap to the top of the cooler. Close the cooler.

Record the temperatures before departure on the transport log.

Carefully attach the digital display and log to the top of the cooler.

## UNPACK VACCINE

When you reach the alternate storage location, confirm the vaccine storage unit temperatures are within recommended ranges. Record the cooler temperature on the transport log before removing the vaccines.

### If the cooler temperature is:

**OK (36.0–46.0°F or 2.0–8.0°C):** unpack and store vaccines in the alternate vaccine refrigerator.

**Out of range (Below 36.0°F/2.0°C or above 46.0°F/8.0°C):** label the vaccines “Do Not Use” and store them in the vaccine refrigerator; alert your supervisor; immediately report the excursion to SHOTS at [MyVFCvaccines.org](http://MyVFCvaccines.org).