TRANSPORTING REFRIGERATED VACCINES

PACK VACCINE AND PREPARE FOR TRANSPORT

1. Conditioned cold packs or conditioned frozen water bottles
   - Condition cold packs by leaving them at room temperature until they perspire (1-2 hours). Frozen water bottles can be placed in lukewarm water until the ice block spins freely (less than 5 mins).
   - 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, display
   - Layer bubble wrap to the top of the cooler. Close the cooler.
   - Carefully attach the digital display 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.

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 the SFDPH Immunization Program at (415) 554-2955.