



STORING VACCINE


- Store vaccines in their original packaging with lids closed **until ready for administration.**
- Vaccine stock should be organized so that doses with the earliest expiration dates are placed in front, and checked for expired doses regularly. See [tips for best practice.](#)
- Click the vaccine manufacturer name in the left had column to be redirected to vaccine specific guidance. For Pfizer, please click the colored cap to be redirected.



Maroon Cap
Pfizer Tris (6 months to 4 years)



Orange Cap
Pediatric Tris (ages 5 to 11)



Grey Cap
Pfizer Tris (ages 12 and up)

*Pfizer Pediatric Tris (6m to 4y), Pediatric Tris (5 to 11) and Pfizer Tris (12 and up) have the same storage and handling requirements.

Vaccine Storage

- **Ultra Cold:** Until the expiration date
- **Refrigerator:** 10 weeks

Vaccine Temperature Ranges

- **Ultra-cold:** -90° C and -60° C (-130° F and -76° F)
- **Refrigerated:** 2° C and 8° C (36° F and 46° F) for up to 10 weeks

Handling


Once punctured:


- Store between 2° C to 25° C (36° F to 77° F) for up to 12 hours.
- Discard any remaining vaccine after 12 hours

Temperature Monitoring Device

Ultra-cold freezer:
Use a DDL with an air-probe or a probe designed specifically for ultra-cold temperatures

Refrigerator: Use a DDL with a detachable probe that best reflects vaccine temperatures



 **Purple Cap**
Pfizer PBS (ages 12 and up)

Vaccine Storage

- **Ultra Cold:** Until the expiration date
- **Freezer:** Store for 2 weeks
- **Refrigerator:** 31 days

Vaccine Temperature Ranges

- **Ultra-cold:** -90° C and -60° C (-130° F and -76° F)
- **Frozen:** -25° C and -15° C (-13° F to 5° F) for up to 2 weeks
- **Refrigerated:** 2° C and 8° C (36° F and 46° F) for up to 31 days

Handling


Once punctured:

- Keep mixed vaccine between 2° C and 25° C (36° F and 77° F) and administer within 6 hours.
- Discard any unused vaccine after 6 hours.


Temperature Monitoring Device

Ultra-cold freezer:
Use a DDL with an air-probe or a probe designed specifically for ultra-cold temperatures

Freezer and refrigerator: Use a DDL with a detachable probe that best reflects vaccine temperatures



*Storage information for the under 5 Moderna product is pending the EUA release. This information is subject to change.

 **Moderna**
(6 months to 5 years)

Vaccine Storage

- **Freezer** until the expiration date
- **Refrigerator** for up to 30 days

Vaccine Temperature Ranges

- **Frozen:** -50° C and -15° C (-58° F and 5° F)
- **Refrigerated:** 2° C and 8° C (36° F and 46° F) for up to 30 days


Handling

Once Punctured:


- Punctured vials may be stored between 2° F and 25° C (36° F and 77° F) for up to 12 hours.
- After a vial is punctured 20 times it should be discarded even if the 12 hour time limit has not been met.

Temperature Monitoring Device

Freezer and Refrigerator:



Use a DDL with a detachable probe that best reflects vaccine temperatures

 **Moderna**
(Adult formulation)

Vaccine Storage

- **Freezer** until the expiration date
- **Refrigerator** for up to 30 days

Vaccine Temperature Ranges

- **Frozen:** -50° C and -15° C (-58° F and 5° F)
- **Refrigerated:** 2° C and 8° C (36° F and 46° F) for up to 30 days


Handling

Once Punctured:

- Punctured vials may be stored between 2° F and 25° C (36° F and 77° F) for up to 12 hours.
- After a vial is punctured 20 times it should be discarded even if the 12 hour time limit has not been met.

Temperature Monitoring Device

Freezer and Refrigerator:



Use a DDL with a detachable probe that best reflects vaccine temperatures

Vaccine Storage

- **Refrigerator** until the expiration date

Vaccine Temperature Ranges

- **Refrigerated:** 2° C and 8° C (36° F and 46° F) until the expiration date


Handling

Once Punctured:

- Punctured vials for up to 6 hours.
- Note the date and time the vial was first punctured. Discard vaccine not used within this time.

Temperature Monitoring Device


Refrigerator:



Use a DDL with a detachable probe that best reflects vaccine temperatures

STORAGE AND HANDLING BEST PRACTICES

- Arrange vaccines and diluents in rows and allow space between them to promote air circulation.
- Position vaccines and diluents two to three inches from the storage unit walls, ceiling, floor, and door.
- Avoid storing vaccines and diluents in any part of the unit that may not provide stable temperatures or sufficient airflow.



- Place water bottles on the top shelf and floor and in the door racks.

- Post "DO NOT UNPLUG" warning signs at outlets and on storage units to alert staff not to unplug units.

