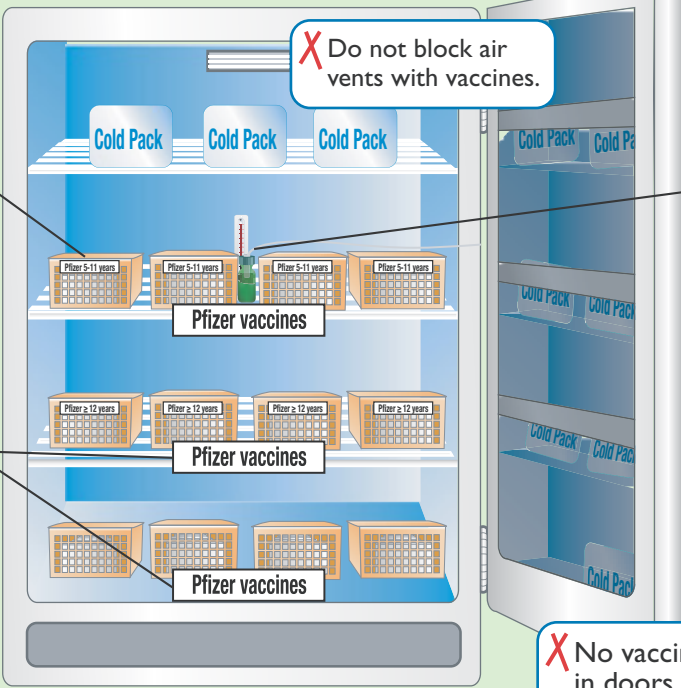


# Storing Vaccines in an Ultra-cold Freezer Unit

Carefully organize COVID-19 vaccines in an ultra-cold freezer to help protect them and facilitate inventory management. Refer to the **CDC U.S. COVID-19 Vaccine Product Information** webpage for updates on COVID-19 vaccine storage and handling.

Stand-alone ultra-cold freezer



✓ Keep vaccines in original boxes, then in breathable plastic mesh baskets. Clearly label baskets by type of vaccine.

✓ Separate vaccine supply by vaccine type, age range and/or basket color.

✓ Vaccines can be stored in an ultra-cold freezer unit until expiration.

✓ Monitor vaccines using a digital data logger thermometer. Thermometer probes containing glycol may freeze in an ultra-cold freezer unit. Air probes are recommended.

✓ Keep temperatures between -130°F to -76°F (-90°C to -60°C).  
**Aim for -105°F/-75°C.**

Colder is better.

Ultra-cold chest freezer



✓ Place vaccines with shorter expiration dates toward front of shelf.  
 All expired vaccines should be reported to the returns/wastage section of the CIR.

If you have any issues with your refrigerator, freezer or vaccines, notify the NYC Health Department at [nycimmunize@health.nyc.gov](mailto:nycimmunize@health.nyc.gov) or 347-396-2404.