

# COVID-19 Vaccine Storage and Handling

## Pfizer

195 vials per tray = 1,170 doses per tray (6 doses of 0.3 mL per vial after dilution).



**X 195**  
(6 doses per vial)

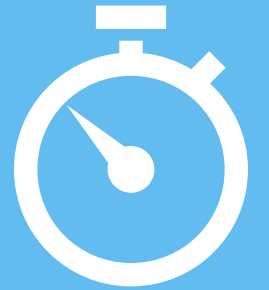
Store in original carton to protect from light. Vials can be stored in ultra-cold temperatures  $-80^{\circ}$  to  $-60^{\circ}\text{C}$  ( $-112^{\circ}$  to  $-76^{\circ}\text{F}$ ) up to manufacturer's expiration date. Vials can be stored at freezer temperatures  $-25^{\circ}$  to  $-15^{\circ}\text{C}$  ( $-13^{\circ}$  to  $5^{\circ}\text{F}$ ) for 14 days total. Vials can be returned from freezer to ultra-cold storage once and must remain for minimum of 2 hours before movement.



**$-80^{\circ}$  to  $-60^{\circ}\text{C}$**

When stored in refrigerator undiluted between  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  ( $35^{\circ}\text{F}$  to  $46^{\circ}\text{F}$ ), vials are safe for up to 1 month prior to first use. Once thawed - DO NOT REFREEZE.

Punctured vials must be used within 6 hours of dilution.



**6 HOURS**

[Pfizer COVID-19 EUA Fact Sheet](#)

## Moderna

10 vial cartons = 100 doses per carton (10 preservative free 0.5ml doses per vial).

OR

10 vial cartons = 140 doses per carton (14 preservative free 0.5ml doses per vial).



**X 10**  
(10 doses per vial)

OR



**X 10**  
(14 doses per vial)

Store in the original carton to protect from light. Frozen vials can be stored between  $-50^{\circ}$  to  $-15^{\circ}\text{C}$  ( $-58^{\circ}$  to  $5^{\circ}\text{F}$ ) until the expiration date.



**$-50^{\circ}$  to  $-15^{\circ}\text{C}$**

When stored in the refrigerator between  $2^{\circ}$  to  $8^{\circ}\text{C}$  ( $36^{\circ}$  to  $46^{\circ}\text{F}$ ), vials are safe for up to 30 days prior to first use - DO NOT REFREEZE. Unpunctured vials may be stored between  $8^{\circ}$  to  $25^{\circ}\text{C}$  ( $46^{\circ}$  to  $77^{\circ}\text{F}$ ) for up to 24 hours cumulative. Once punctured, all doses must be used within 12 hours.



**12 HOURS**

[Moderna COVID-19 EUA Fact Sheet](#)

## Janssen\*

10 vial cartons = 50 doses per carton (5 doses of 0.5mL per vial).



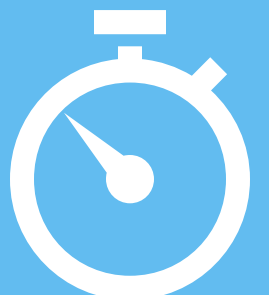
**X 10**  
(5 doses per vial)

Store unpunctured multi dose vials of the Janssen COVID-19 Vaccine at  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  ( $36^{\circ}\text{F}$  to  $46^{\circ}\text{F}$ ) and protect from light. Do not store frozen.



**$2^{\circ}$  to  $8^{\circ}\text{C}$**

Unpunctured vials may be stored between  $9^{\circ}$  to  $25^{\circ}\text{C}$  ( $47^{\circ}\text{F}$  to  $77^{\circ}\text{F}$ ) for up to 12 hours cumulative. Unpunctured refrigerated doses can be stored at  $2^{\circ}$  to  $8^{\circ}\text{C}$  ( $36^{\circ}$  to  $46^{\circ}\text{F}$ ) until the expiration date. Punctured vials must be stored between  $2^{\circ}$  to  $8^{\circ}\text{C}$  ( $36^{\circ}$  to  $46^{\circ}\text{F}$ ) for up to 6 hours or at room temperature ( $47^{\circ}$  to  $77^{\circ}\text{F}$ ) for up to 2 hours.



**6 HOURS**

[Janssen COVID-19 EUA Fact Sheet](#)

\*Johnson & Johnson

Source: Sep 2021 Pfizer, Moderna, Janssen, and CDC