

# COVID-19 Vaccine Resource Guide for Pfizer

COVID-19 Vaccine	Pfizer (mRNA) <sup>1</sup> : Maroon Cap <b>MONOVALENT</b>	Pfizer (mRNA) <sup>1</sup> : Maroon Cap <b>BIVALENT</b>	Pfizer (mRNA) <sup>2</sup> : Orange Cap <b>MONOVALENT</b>	Pfizer (mRNA) <sup>3</sup> : Orange Cap <b>BIVALENT</b>	Pfizer (mRNA) <sup>4</sup> : Gray Cap <b>DO NOT DILUTE</b> <b>MONOVALENT</b>	Pfizer (mRNA) <sup>5</sup> : Gray Cap <b>DO NOT DILUTE</b> <b>BIVALENT</b>
<b>Primary Series for Immunocompetent Individuals</b>						
Age Indication	6 months through 4 yrs.	6 months through 4 yrs.	5 through 11 yrs.	Not Applicable- Bivalent is not authorized for Primary Series	12 yrs. and older	Not Applicable- Bivalent is not authorized for Primary Series
Number of Primary Doses	3 doses ( <b>dose 1 and 2 monovalent, dose 3 bivalent</b> )		2 doses		2 doses	
Interval between 1 <sup>st</sup> and 2 <sup>nd</sup> dose	3-8 weeks <sup>6</sup> : dose 1 and 2 are monovalent	Not Applicable	3-8 weeks <sup>6</sup>		3-8 weeks <sup>6</sup>	
Interval between 2 <sup>nd</sup> and 3 <sup>rd</sup> dose	Not Applicable	At least 8 weeks: <b>Bivalent (use for 3<sup>rd</sup> primary series dose only)</b>	Not Applicable		Not Applicable	
Dose Volume	0.2mL	0.2mL	0.2mL		0.3mL	
<b>Primary Series for Moderately or Severely Immunocompromised<sup>7</sup></b>						
Age Indication	6 months through 4 yrs.	6 months through 4 yrs.	5 through 11 yrs.	Not Applicable- Bivalent is not authorized for Primary Series	12 yrs. and older	Not Applicable- Bivalent is not authorized for Primary Series
Number of Primary Doses	3 doses ( <b>dose 1 and 2 monovalent, dose 3 bivalent</b> )		3 doses		3 doses	
Interval between 1 <sup>st</sup> and 2 <sup>nd</sup> dose	3 weeks: dose 1 and 2 are monovalent	Not Applicable	3 weeks		3 weeks	
Interval between 2 <sup>nd</sup> and 3 <sup>rd</sup> dose	Not Applicable	At least 8 weeks: <b>Bivalent (use for 3<sup>rd</sup> primary series dose only)</b>	At least 4 weeks		At least 4 weeks	
Dose Volume	0.2mL	0.2mL	0.2mL		0.3mL	
<b>Booster Dose (primary series must be completed prior to receiving any booster dose)<sup>8</sup></b>						
Eligibility (booster)	Not Eligible	Not Eligible	<b>MONOVALENT</b> No longer authorized as a booster dose	<b>BIVALENT</b> 5 through 11 yrs.	<b>MONOVALENT</b> No longer authorized as a booster dose	<b>BIVALENT</b> 12 yrs. and older
Interval between Primary series (or monovalent booster) and bivalent booster	Not Eligible	Not Eligible	Not Applicable	At least 2 months	Not Applicable	At least 2 months
Dose Volume (bivalent booster)	Not Eligible	Not Eligible	Not Applicable	0.2ml	Not Applicable	0.3mL

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**Storage Requirements: Proper Storage Unit, Expiration, and Beyond Use Date (BUD)<sup>9,10,11</sup>**

Ultra-Cold Freezer <sup>†</sup>	Reference EUA <sup>1</sup>	Reference EUA <sup>1</sup>	Reference EUA <sup>2</sup>	Reference EUA <sup>3</sup>	Reference EUA <sup>4</sup>	Reference EUA <sup>5</sup>
Standard Freezer <sup>†</sup>	<b>DO NOT STORE IN STANDARD FREEZER</b>	<b>DO NOT STORE IN STANDARD FREEZER</b>	<b>DO NOT STORE IN STANDARD FREEZER</b>	<b>DO NOT STORE IN STANDARD FREEZER</b>	<b>DO NOT STORE IN STANDARD FREEZER</b>	<b>DO NOT STORE IN STANDARD FREEZER</b>
Refrigerator (Fridge) <sup>†</sup>	10 weeks <b>(BUD)</b>	10 weeks <b>(BUD)</b>	10 weeks <b>(BUD)</b>	10 weeks <b>(BUD)</b>	10 weeks <b>(BUD)</b>	10 weeks <b>(BUD)</b>
Thaw Time <sup>‡</sup>	Fridge	Up to 2 Hrs.	Up to 2 Hrs.	Up to 4 Hrs.	Up to 4 Hrs.	Up to 6 Hrs.
	Room Temp	30 minutes	30 minutes	30 minutes	30 minutes	30 minutes
Allowed Time at Room Temp Unpunctured	12 Hrs.	12 Hrs.	12 Hrs.	12 Hrs.	12 Hrs.	12 Hrs.
Allowed Time at Room Temp Punctured	12 Hrs. <b>(BUD)</b>	12 Hrs. <b>(BUD)</b>	12 Hrs. <b>(BUD)</b>	12 Hrs. <b>(BUD)</b>	12 Hrs. <b>(BUD)</b>	12 Hrs. <b>(BUD)</b>

**Preparation/Dosage: (discard diluent vial after one use, even if diluent remains)**

Diluent/Dose Volume	<b>DILUTE with 2.2mL diluent/0.2mL dose</b>	<b>DILUTE with 2.2mL diluent/0.2mL dose</b>	<b>DILUTE with 1.3mL diluent/0.2mL dose</b>	<b>DILUTE with 1.3mL diluent/0.2mL dose</b>	<b>DO NOT DILUTE/ 0.3mL dose</b>	<b>DO NOT DILUTE/ 0.3mL dose</b>
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<sup>†</sup>Ultra-Cold Freezer: -90°C to -60°C (-130°F to -76°F); Standard Freezer: Pfizer: -25°C to -15°C (-13°F to 5°F); Refrigerator: 2°C to 8°C (36°F to 46°F)

<sup>‡</sup>Thaw time should be subtracted from the total unpunctured room temperature time. **DO NOT REFREEZE VACCINE.**

<sup>1</sup>[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Vaccine for 6 months - 4 Years of Age-maroon cap must dilute – MONOVALENT/BIVALENT](#)

<sup>2</sup>[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Vaccine for 5 - 11 Years of Age-orange cap must dilute – FOR PRIMARY SERIES ONLY](#)

<sup>3</sup>[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Bivalent Vaccine for 5-11 Years of Age-orange cap must dilute – FOR BOOSTER DOSE ONLY](#)

<sup>4</sup>[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Vaccine for 12 and older - gray cap do not dilute – FOR PRIMARY SERIES ONLY](#)

<sup>5</sup>[Fact Sheet for Healthcare Providers - Pfizer-BioNTech COVID-19 Bivalent Vaccine for 12 years and older – gray cap do no dilute – FOR BOOSTER DOSE ONLY](#)

<sup>6</sup>[Considerations for extended intervals for COVID-19 vaccine primary series doses](#)

<sup>7</sup>[COVID-19 Vaccines for Moderately or Severely Immunocompromised People | CDC](#)

<sup>8</sup>[COVID-19 Vaccine Booster Shots | CDC](#)

<sup>9</sup>[Vaccine Storage and Handling Toolkit \(cdc.gov\)](#)

<sup>10</sup>[Pinkbook | Vaccine Storage and Handling | Epidemiology of VPDs | CDC](#)

<sup>11</sup>[COVID-19 Vaccine Expiration Date Tracking Tool \(cdc.gov\)](#)