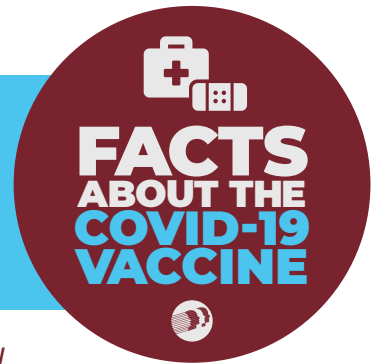


COMPARING COVID-19 VACCINES



This information is provided by the Delaware Division of Public Health based on the most recent information regarding the currently available COVID-19 vaccines.

All three vaccines have slight differences, but all have been proven to be equally (100%) effective in preventing hospitalization and death from COVID-19. This chart was created to help you understand how the vaccines work and were developed. It is important to know that none of the COVID-19 vaccines infect you with the live virus. They help your body fight it by stimulating the production of antibodies.

	MODERNA	PFIZER	JOHNSON & JOHNSON
How it works	mRNA ⁺	mRNA ⁺	Adenovirus-based ^{**}
How you get it	Two doses, 28 days apart [*]	Two doses, 21 days apart [*]	One dose
Age limit	Must be 18 or older	Must be 16 or older	Must be 18 or older
How many people tested it	30,000 volunteers from the U.S., of all ethnicities	43,000 volunteers from six countries, of all ethnicities	43,000 volunteers from eight countries, of all ethnicities
How well it protects	<ul style="list-style-type: none"> • 100% effective in preventing death and hospitalization • 100% effective in preventing severe disease • 94.1% effective in preventing symptomatic COVID-19 	<ul style="list-style-type: none"> • 100% effective in preventing death and hospitalization • 99% effective in preventing severe disease • 95% effective in preventing symptomatic COVID-19 	<ul style="list-style-type: none"> • 100% effective in preventing death and hospitalization • 85% effective in preventing severe disease • 72% effective in the U.S. in preventing moderate-to-severe COVID-19
How long before protection kicks in	<ul style="list-style-type: none"> • Some protection 10 to 14 days after first dose • Full protection two weeks after second dose 	<ul style="list-style-type: none"> • Some protection 10 to 14 days after first dose • Full protection one week after second dose 	<ul style="list-style-type: none"> • Some protection 14 days after vaccine • Full protection in 28 days
How long vaccines can be stored and at what temperature	<ul style="list-style-type: none"> • -4 degrees Fahrenheit, frozen until expiration date^{**} • 35.6 to 46.5 degrees Fahrenheit, refrigerated for up to 30 days 	<ul style="list-style-type: none"> • -94 degrees Fahrenheit, ultra-frozen until expiration date^{**} • -4 degrees Fahrenheit, frozen for up to two weeks^{**} • 35.6 to 46.5 degrees Fahrenheit, refrigerated for up to 5 days 	<ul style="list-style-type: none"> • -4 degrees Fahrenheit, frozen for up to two years or until expiration date^{**} • 35.6 to 46.5 degrees Fahrenheit, refrigerated for up to three months

⁺ mRNA: These COVID-19 vaccines give instructions for cells to make a harmless piece of what is called the “spike protein,” found on the surface of the virus that causes COVID-19. Our immune system responds by making antibodies to protect against infection. The spike protein then dissolves and disappears.

^{**} A small piece of genetic material from the coronavirus is inserted into a weakened version of a common cold virus called an adenovirus. The immune system responds by switching on the cells’ alarm systems to activate immune cells nearby. The immune cells spot the intruder proteins of COVID-19 to fight the infection.

^{*} If it is not possible to follow the dosage intervals, the CDC states you can wait up to 42 days to receive the second dose.

^{**} Vaccine cannot be refrozen once thawed.