

# COVID-19 VACCINE

## Vaccine Comparison

	Pfizer/BioNTech	Moderna	Janssen (Johnson & Johnson)
<b>Efficacy</b>	Following receipt of two doses 95.0% [95% CI: 90.3%, 97.6%]	Following receipt of two doses 94.1% [95% CI: 89.3%, 96.8%]	FROM CDC: Overall efficacy of 66.3% (95% CI: 59.9%, 71.8%) against symptomatic, laboratory-confirmed COVID-19 from ≥14 days after vaccination. Vaccine efficacy for the prevention of COVID-19-associated hospitalization was high; vaccine efficacy against hospitalization ≥14 days after vaccination was 93.1% (95% CI: 71.1%, 98.4%). No COVID-19-associated hospitalizations occurred ≥28 days after vaccination in the vaccine group, and 16 occurred in the placebo group (vaccine efficacy = 100%; 95% CI = 74.3%–100.0%). Vaccine efficacy against all-cause death was 75.0% (95% CI: 33.4%, 90.6%).
<b>Age range</b>	16 years and older	18 years and older	18 years and older
<b>Dosage</b>	Two shots; 21 days apart	Two shots; 28 days apart	Single shot
<b>Side effects</b>	Most common: Chills, headache, pain, tiredness, muscle/joint pain,	Most common: chills, headache, pain, tiredness, muscle/joint	Most common: chills, headache, pain, tiredness, muscle/joint

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	and/or redness and swelling at the injection site. Generally subside within a few days.	pain, and/or redness and swelling at the injection site. Generally subside within a few days.	pain, and/or redness and swelling at the injection site. Generally subside within a few days.
<b>Contents</b>	<p>ACTIVE INGREDIENTS: Nucleoside-modified mRNA encoding the viral spike (S) glycoprotein of SARS-CoV-2</p> <p>INACTIVE INGREDIENTS: 2[(polyethylene glycol (PEG))-2000]-N,N-ditetradecylacetamide, 1,2-distearoyl-sn-glycero-3-phosphocholine, Cholesterol, (4-hydroxybutyl)azanediylbis(hexane-6,1-diyl)bis(2-hexyldecanoate), Sodium chloride, Monobasic potassium phosphate, Potassium chloride, Dibasic sodium phosphate dehydrate, Sucrose</p>	<p>ACTIVE INGREDIENTS: Nucleoside-modified mRNA encoding the viral spike (S) glycoprotein of SARS-CoV-2</p> <p>INACTIVE INGREDIENTS: PEG2000-DMG: 1,2-dimyristoyl-rac-glycerol, methoxypolyethylene glycol, 1,2-distearoyl-sn-glycero-3-phosphocholine, Cholesterol, SM-102: heptadecan-9-yl 8-((2-hydroxyethyl) (6-oxo-6-(undecyloxy) hexyl) amino) octanoate, Tromethamine, Tromethamine hydrochloride, Acetic acid, Sodium acetate, Sucrose</p>	<p>ACTIVE INGREDIENTS: Nucleoside-modified mRNA encoding the viral spike (S) glycoprotein of SARS-CoV-2</p> <p>INACTIVE INGREDIENTS: Polysorbate-80, 2-hydroxypropyl-<math>\beta</math>-cyclodextrin, Citric acid monohydrate, Trisodium citrate dehydrate, Sodium chloride, Sodium hydroxide, Hydrochloric acid, Ethanol, Water for injection</p>