

# Vaccine ingredients and allergy information



You should not receive either vaccine if...

You have had a severe allergic reaction after a previous dose of this vaccine or to any ingredient of this vaccine



If you have questions or concerns...

Talk to your medical provider before getting this vaccine with any questions regarding adverse reactions given your medical conditions, including allergies to any of the vaccine ingredients as listed at right, or if you have had severe reactions to other vaccines in the past

The Moderna COVID-19 Vaccine contains the following ingredients<sup>1</sup>

- Messenger ribonucleic acid (mRNA)
- Tromethamine
- Tromethamine hydrochloride
- Acetic acid
- Sodium acetate
- Sucrose
- Lipids: SM-102, polyethylene glycol [PEG] 2000 dimyristoyl glycerol [DMG], cholesterol, and 1,2-distearoyl-sn-glycero-3-phosphocholine [DSPC]



The Pfizer-BioNTech COVID-19 Vaccine includes the following ingredients<sup>2</sup>

- mRNA
- Potassium chloride
- Monobasic potassium phosphate
- Sodium chloride
- Dibasic sodium phosphate dihydrate
- Sucrose
- Lipids: (4-hydroxybutyl)azanediylbis(hexane-6,1-diyl)bis(2-hexyldecanoate), 2 [(polyethylene glycol)-2000]-N,N-ditetradecylacetamide, 1,2-Distearoyl-sn-glycero-3-phosphocholine, and cholesterol

1. Moderna EUA information (<https://www.modernatx.com/covid19vaccine-eua/recipients/moderna-vaccine>) and EUA fact sheet (<https://www.modernatx.com/covid19vaccine-eua/eua-fact-sheet-recipients.pdf>); 2. Pfizer general vaccine information (<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines/Pfizer-BioNTech.html>) and EUA fact sheet (<https://www.cvdvaccine-us.com/images/pdf/fact-sheet-for-recipients-and-caregivers.pdf>);