

# Moderna's COVID-19 Vaccine

UPDATED APRIL 5, 2021

## General Information

**Manufacturer:** ModernaTX, Inc.

**Number of Shots:** 2 shots, 21 days apart

**How Given:** Shot in the muscle of the upper arm

**Does NOT Contain:** Eggs, preservatives, latex

## WHO SHOULD GET THE MODERNA COVID-19 VACCINE?

The Moderna vaccine is recommended for people aged 18 years and older.

## WHO SHOULD NOT GET THE MODERNA COVID-19 VACCINE?

You should not get the Moderna COVID-19 vaccine if you have had an allergic reaction to any ingredient of this vaccine listed here: messenger ribonucleic acid (mRNA), lipids (SM-102, polyethylene glycol [PEG] 2000 dimyristoyl glycerol [DMG], cholesterol, and 1,2-distearoyl-sn-glycero-3-phosphocholine [DSPC]), tromethamine, tromethamine hydrochloride, acetic acid, sodium acetate trihydrate, and sucrose.

**If you had a severe or immediate allergic reaction after getting the first dose of an mRNA COVID-19 vaccine, you should not get a second dose of either of the mRNA COVID-19 vaccines.**

## WILL THE MODERNA COVID-19 VACCINE GIVE ME COVID-19?

No. The Moderna COVID-19 vaccine does not contain SARS-CoV-2 and cannot give you COVID-19.

## POSSIBLE SIDE EFFECTS

*These side effects usually start within a day or two of getting the vaccine and might affect your ability to do daily activities, but they should go away in a few days*

In the arm where you got the shot: <ul style="list-style-type: none"><li>• Pain</li><li>• Redness</li><li>• Swelling</li></ul>	You may feel: <ul style="list-style-type: none"><li>• Tired</li><li>• Headache</li><li>• Muscle pain</li><li>• Chills</li><li>• Fever</li><li>• Nausea</li></ul>
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## HOW WELL THE VACCINE WORKS

- Based on evidence from clinical trials, the Moderna vaccine was 94.1% effective at preventing COVID-19 illness in people who received two doses and who have not had it before.
- The vaccine is effective among people of diverse age, sex, race, and ethnicity categories and among persons with underlying medical conditions.
- Although few people in the clinical trials were admitted to the hospital, this happened less often in the people who got the Moderna vaccine compared to people who got the saline placebo.
- CDC will continue to provide updates as we learn more about how well the Moderna vaccine works in real-world conditions.

## POTENTIAL ADVERSE REACTIONS

Since April 2021, increased cases of myocarditis and pericarditis have been reported in the United States after mRNA COVID-19 vaccination (Pfizer-BioNTech and Moderna), particularly in adolescents and young adults. In most cases, patients who presented for medical care have responded well to medications and rest and had prompt improvement of symptoms. Reported cases have occurred predominantly in male adolescents and young adults 16 years of age and older. Onset was typically within several days after mRNA COVID-19 vaccination, and cases have occurred more often after the second dose than the first dose. The CDC and its partners are investigating these reports of myocarditis and pericarditis following mRNA COVID-19 vaccination.

## WHAT IF I DECIDE NOT TO GET THE MODERNA COVID-19 VACCINE?

It is your choice to receive or not receive the Moderna COVID-19 vaccine. Should you decide not to receive it, it will not change your standard medical care.

Adapted from CDC.gov: [www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines/Moderna.html](https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines/Moderna.html)