

MODERNA COVID-19 VACCINE INFORMATION SHEET

What is the Moderna COVID-19 vaccine?

This is a vaccine used to prevent COVID-19 disease caused by the SARS-CoV-2 virus that is given to individuals 18 years of age and older.

How does the Moderna COVID-19 vaccine work?

The vaccine causes the body to produce its own protection (antibodies) against the SARS-CoV2 virus that causes the COVID-19 infection. Moderna COVID-19 vaccine uses a molecule called messenger ribonucleic acid (mRNA) to deliver the set of instructions that cells in the body can use to make antibodies to help fight the virus that causes COVID-19.

The vaccine is given by injection with a needle in the upper arm and requires two doses given 28 days apart.

You **CANNOT** get COVID-19 from the vaccine.

As with any vaccine, Moderna COVID-19 vaccine may not fully protect all those who receive it. Even after you have had both doses of the vaccine, it is important that you continue to follow the recommendations of all health officials to prevent the spread of COVID-19.

What are the ingredients in the Moderna COVID-19 vaccine?

- mRNA (medicinal ingredient)
- 1,2-distearoyl-sn-glycero-3-phosphocholine
- Acetic acid, cholesterol, lipid SM-102
- PEG2000DMG1, 2-dimyristoyl-rac-glycerol, methoxy-polyethyleneglycol
- Tromethamine, tromethamine hydrochloride
- Sodium acetate, sucrose & water for injection

You should not receive Moderna COVID-19 vaccine if:

- You are allergic to any of the ingredients in the vaccine
- Have any symptoms that could be due to COVID-19

Talk to your health care provider about your symptoms and getting a COVID-19 test. Your health care professional will advise you when you are able to receive the vaccine.

To help avoid side effects and ensure proper use, talk to your health care provider before you receive Moderna COVID-19 vaccine about any health conditions, including:

- Problems following previous administration of Moderna COVID-19 vaccine, such as an allergic reaction or breathing problems
- A weakened immune system due to a medical condition (or if you are on a medicine that affects your immune system)
- A high fever or severe infection
- Any serious illness
- If you have a bleeding problem, bruise easily or use a blood thinning medication
- If you are pregnant, think you may be pregnant or plan to become pregnant
- If you are breastfeeding

What are possible side effects from the Moderna COVID-19 vaccine?

- Pain at injection site
- Tiredness
- Headache
- Muscle pain
- Chills
- Fever
- Swelling or redness at the injection site
- Nausea and/or vomiting
- Enlarged lymph nodes (may affect up to one in 100 people)

Should you develop any serious symptoms or symptoms that could be an allergic reaction, seek medical attention immediately. Symptoms of an allergic reaction may include:

- Hives (bumps on the skin that are often very itchy)
- Swelling of the face, tongue or throat
- Difficulty breathing

For more information:

- Talk to your health care provider
- Moderna Product Monograph: <https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/drug-product-database.html>
- Government of Canada COVID-19 Vaccines: <https://www.canada.ca/en/health-canada/services/drugs-health-products/covid19-industry/drugs-vaccines-treatments/vaccines/moderna.html>
- Public Health Sudbury & Districts: www.phsd.ca