

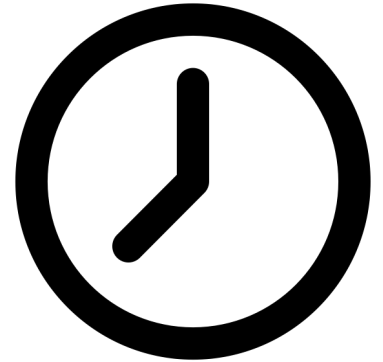
# COVID-19 VACCINE QUICK FACTS



## How was the vaccine developed so fast?

The arrival of the COVID-19 vaccine is the result of an international coordinated effort. Existing research from coronaviruses— such as the SARS epidemic from 2002— was used in its development.

With significant amounts of funding, interest from participants for clinical trials, and regulators such as Health Canada prioritizing the review process, the vaccine was able to be developed safely and quickly.



## Is the vaccine safe?

**Yes.** Vaccines undergo extensive clinical trials before they are submitted to Health Canada for review.

Vaccines are only approved once Health Canada has all the necessary evidence that it is safe and it works. Millions of people around the world have already been vaccinated.

As with all vaccines, there is a small chance of mild side effects.



## How do the vaccines work?

Pfizer-BioNTECH and Moderna are mRNA vaccines. Astrazeneca and Johnson & Johnson are viral vector vaccines.

These vaccines use slightly different mechanisms to teach our cells how to make a protein that will trigger an immune response, without using the live virus that causes COVID-19.



*Information provided by the Government of Canada and Government of British Columbia's websites*