

# How the **Johnson & Johnson COVID-19 Vaccine Works**

Getting vaccinated helps protect you, and may protect your family and friends. The Johnson & Johnson/Janssen vaccine is an adenovirus vector vaccine. Here's how it works.

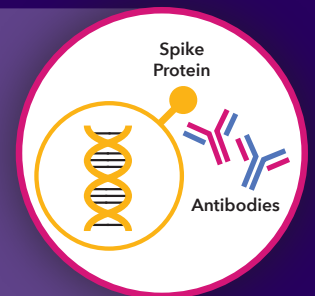


## 1. Instruct

A harmless adenovirus (a common cold virus that has been changed so it does not multiply or cause disease) enters your body with a gene from the virus that causes COVID-19. This gene has instructions to make a spike protein that is found on the virus that causes COVID-19.

## 2. Produce

Your body makes the spike protein but does not make the virus itself. The proteins that are produced trigger your body to make antibodies.



## 3. Defend

If the virus that causes COVID-19 enters your body, the antibodies will recognize and fight the virus, protecting you from getting sick.

## Johnson & Johnson Vaccine Facts

- The Johnson & Johnson COVID-19 vaccine has gone through extensive clinical studies that have been reviewed by the Food and Drug Administration (FDA) and other experts. The vaccine has been shown to be safe and very effective at protecting people from severe COVID-19 illness, hospitalization and death.
- The adenovirus cannot multiply or cause illness.
- The vaccine does not contain the virus that causes COVID-19.
- You cannot get COVID-19 from the vaccine.
- The vaccine cannot change your DNA.

To find a vaccination site and make an appointment, visit [nyc.gov/vaccinefinder](https://nyc.gov/vaccinefinder) or call **877-VAX-4NYC (877-829-4692)**.

To learn more about COVID-19 vaccines, talk to your health care provider, visit [nyc.gov/covidvaccine](https://nyc.gov/covidvaccine) or call **311**.

The NYC Health Department may change recommendations as the situation evolves. 4.5.21