

# COVID-19 Vaccine Myths vs. Facts

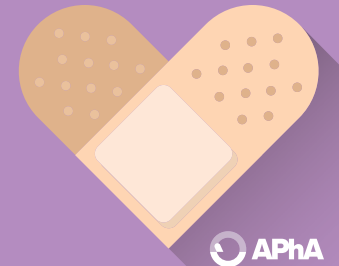
Talk to your  
pharmacist or other  
trusted health care  
professional if you  
have any questions or  
need more information  
about COVID-19  
vaccines.



## Accurate Vaccine Information Can Help Stop Common Myths and Rumors

For more information about COVID-19 vaccine myths and facts, scan the QR code with your smartphone camera or visit [www.cdc.gov/coronavirus/2019-ncov/vaccines/facts.html](http://www.cdc.gov/coronavirus/2019-ncov/vaccines/facts.html)

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There are several types of vaccines available for use in the United States to prevent COVID-19:

- > **Messenger RNA (mRNA) vaccines.** The vaccines from Pfizer-BioNTech and Moderna are examples of mRNA vaccines. The mRNA vaccines are preferred for most people.
- > **Viral vector vaccines.** The Johnson & Johnson/Janssen vaccine is an example of a viral vector vaccine.
- > **Protein subunit vaccines.** The Novavax vaccine is an example of a protein subunit vaccine with an adjuvant. An adjuvant is an ingredient used in some vaccines to help create a stronger immune response in people receiving the vaccine.

There are many myths and rumors about these COVID-19 vaccines. Here are the facts.

## Can any of the vaccines make someone sick with COVID-19?

No, they can't. None of the COVID-19 vaccines available in the United States contain the live virus that causes COVID-19. Since these vaccines do not contain live virus, they cannot make you sick with COVID-19.

## Can any of the vaccines make you test positive for COVID-19?

COVID-19 vaccines can't give a positive result on a *viral* test. Viral tests tell you if you have a current infection. The vaccines can't make you sick with COVID-19, so it wouldn't be possible for you to test positive from the vaccine.

It is possible that you could test positive on some *antibody* tests. That's because antibody tests look for a past COVID-19 infection based on the natural immunity that develops. If your body has an immune response to vaccination—which is the goal—it could be confused with a past infection on an antibody test.

## Can a COVID-19 vaccine alter your DNA?

No. COVID-19 vaccines do not change or interact with your DNA in any way.

## Can any of the COVID-19 vaccines cause fertility problems (difficulty trying to get pregnant) in women or men?

No. There is no evidence that the antibodies made following COVID-19 vaccination, or any of the ingredients in the vaccines, cause any problems with becoming pregnant now or in the future. In fact, there is no evidence that any vaccines cause fertility problems.

Experience with the COVID-19 vaccines is showing that vaccination is safe and effective during pregnancy. COVID-19 vaccination is recommended for people who are pregnant, trying to get pregnant now, or might become pregnant in the future, as well as their partners.

## Will a COVID-19 vaccine make you magnetic?

No. COVID-19 vaccines do not contain any ingredients that could produce an electromagnetic field in your arm where the injection was given or anywhere in your body. They also do not contain any magnetic metals.

## Do any of the COVID-19 vaccines contain microchips or tracking devices?

No. COVID-19 vaccines do not contain microchips. Vaccines are developed to fight against disease and are not administered to track your movement.

## Can you get a COVID-19 vaccine if you don't have health insurance?

Yes. The federal government is providing the vaccine free of charge to all people living in the United States, regardless of their health insurance status or immigration status.