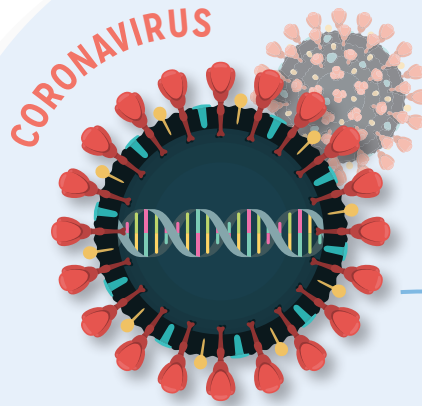


HOW mRNA COVID-19 Vaccines Work

- **You can't get COVID-19 from the vaccine** because it doesn't contain the virus.
- **mRNA vaccines do not affect your DNA in any way.** The mRNA doesn't enter the part of cells where DNA is kept, and your body gets rid of the mRNA after it is finished using it.
- **Scientists have studied mRNA vaccines for years** to fight cancer and other viruses.
- **No steps were skipped in making the vaccines.** The process was faster because the project had more money, scientists and volunteers for the studies. And, rather than waiting for approval, companies started manufacturing the vaccine as soon as they were ready.

Visit [HenryFord.com/Vaccine](https://www.henryford.com/Vaccine) for more information.



1

The coronavirus contains instructions called **mRNA** to make its parts, including the **spike protein** that allows it to infect people.



mRNA

2

Scientists discovered the instructions for the **spike protein** and recreated the **mRNA**.



The lab-made mRNA is put into the **vaccine**.

3

4

Once the lab-made mRNA is in your body, it tells your cells to make the **spike protein**.



ANTIBODIES

Your body knows the **spike protein** doesn't belong there and makes **antibodies** to fight it.

5

If you are later exposed to the virus, your **immune system** can quickly destroy it.

6

