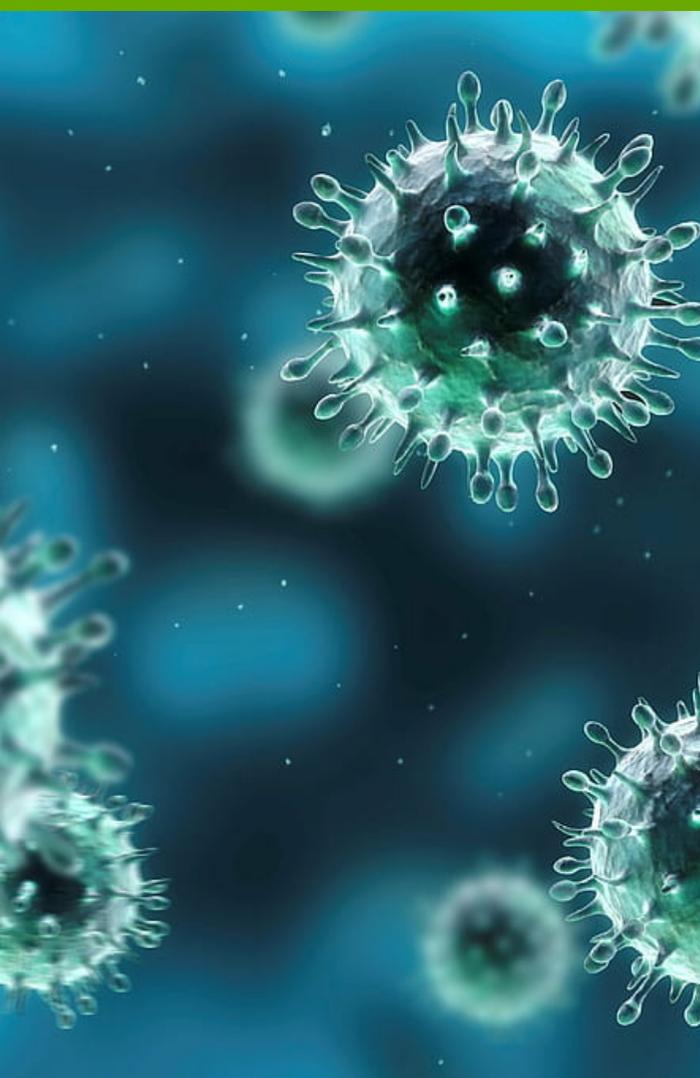


Understanding COVID-19 Vaccines



Vaccine Confidence

- The knowledge used to make the COVID-19 vaccines are new but not unknown. Researchers have been studying and working with this type of technology for decades. This means that the vaccine development process could move faster.
- Although the process was quicker, the COVID-19 vaccines had to meet the same strict safety standards set by the FDA for all vaccines.



How It Works

- The Moderna, Pfizer, and Johnson and Johnson vaccines give our cells instructions for making a harmless protein unique to the COVID-19 virus. These instructions cause our bodies to recognize that the protein should not be there and build antibodies against it.
- None of the vaccines contain the live virus. This means you cannot get sick with COVID-19.

DNA and Pregnancy

- The vaccine never enters the nucleus of the cell, which is where our DNA is kept. This means the material in the vaccines cannot interact with our DNA in any way.
- Current evidence shows the vaccine does not cause any problems with pregnancy or the development of the placenta. In addition, there is no evidence that infertility is a side effect of taking the vaccine.

Source: Centers for Disease Control

