



COVID-19 Vaccines

Facts & Myths



Active ingredients

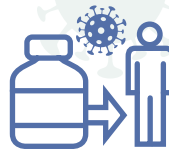
Though slightly different, the Pfizer and Moderna vaccines contain:

- **mRNA**—Tiny communicators that tell our cells to build proteins, in this case for COVID-19
- **Fats (lipids)**—Similar to those found in a snack cakes and makeup products
- **Salts**—Just like the kind we use for our French fries
- **Sugars**—Like in our favorite candies



They are safe

- mRNA prompts the immune system into producing antibodies to the coronavirus
- Though produced quickly, the vaccines are held to the same safety standards as all vaccines
- mRNA has been studied for vaccine purposes for nearly two decades



They can't give someone COVID-19

The vaccines do not use the live virus that causes COVID-19.



They don't affect your DNA

The vaccines never enter the nucleus of the cell where genetic material is kept. The cell breaks down and gets rid of the mRNA soon after it is finished using the instructions.



How does it work

The vaccines create an antibody response in the body without causing sickness.



Side effects

Most commonly reported side effects include fatigue, headache, muscle pain, chills, joint pain, and fever. They are normal “immune responses” and are significantly less risky than taking your chances with a COVID-19 infection.

Local
Postal Customer

PRSR STD
ECRWSS
U.S. POSTAGE
PAID
EDDM Retail



The shot is free

Public vaccines are free. However, vaccination providers may charge administration fees for giving the shot, which may be reimbursed by your insurance.



Prevent reinfection

Some data suggests that people who have already had COVID and recovered can be re-infected. Being vaccinated helps prevent reinfection.



Janet Mason, Administrator
Edgar County Health Department
217-465-2212
ECPHD.org



Vaccine effectiveness

The vaccine requires two doses to get full protection against COVID-19.



Herd immunity

This occurs when enough people become immune to a disease to make its spread unlikely. Herd immunity can be achieved when large percentages of the population are vaccinated. Some estimate 70% or more of the population needs to become immune to achieve herd immunity.



HORIZON
HEALTH

Ollie Smith, President & CEO
Horizon Health
217-465-4141
MyHorizonHealth.org