

Know Your COVID-19 Vaccines

Vaccine	Pfizer-BioNTech	Moderna	Johnson & Johnson
Time it takes to be fully vaccinated	<p>1st dose</p> <p>2nd dose in 21 days</p> <p>35 days</p>	<p>1st dose</p> <p>2nd dose in 28 days</p> <p>42 days</p>	<p>Single dose</p> <p>14 days</p>
Overall effectiveness	95% once fully vaccinated	94.1% once fully vaccinated	72% once fully vaccinated
Common side effects	Chills, headache, pain, tiredness, redness/swelling at injection site.		Fever, headache, fatigue, muscle aches. Milder side effects than Pfizer or Moderna.
Type of vaccine	mRNA		AdVac®
How it works	An mRNA vaccine is like a messenger that shows your immune system a “wanted” poster of the virus. It tells your cells how to make a small “spike protein” (like pictures of the virus you’ve seen on TV).		An AdVac® vaccine uses a harmless, inactive virus as a shell that can carry the “code” of the spike protein to your cells (kind of like a Trojan Horse). Once the code reaches inside your cells, they will start to make the spike protein.

What all three COVID-19 vaccines have in common

If the virus shows up, your body will know that the virus doesn’t belong and will be ready to fight it with the spike proteins it made. This will help your body to protect itself from future COVID-19 infection.

- They went through “clinical trials” with thousands of volunteers to show that they are highly effective and safe.
- None of the vaccines contain the live virus that causes Covid-19, so they cannot make you sick.
- They will help the U.S. reach community protection, also called “herd immunity,” which means the virus will be incapable of infecting anyone else or spreading.

