



What are the ingredients in the Pfizer mRNA vaccine for youth 12-17yo?

In addition to the mRNA strand enclosed in a protective bubble of fats, the rest of the vaccine is made of salts, sugar and water. The bubble-coated mRNA float in this solution so they don't stick to each other or to the sides of the vaccine vial and are able to be delivered to the body's cells, where they need to go.

A detailed list of ingredients can be found here: <https://www.canada.ca/en/health-canada/services/drugs-health-products/covid19-industry/drugs-vaccines-treatments/vaccines/pfizer-biontech.html#a1.1>

Is the dosage of Pfizer mRNA vaccine given to kids the same amount given to adults?

Yes, the dosage is the same for youth 12-17yo as for adults. Most vaccines use the same dosage across ages.

Unlike medications where taller or heavier people may need a larger dose to get an adequate level of it in their blood, kids' and adults' immune systems alike, usually only need very small amounts of a vaccine to react and build up solid defense systems.

If my child gets a COVID-19 vaccine, can it affect the results of their COVID-19 test?

No. Getting any vaccine, including the ones against COVID, will not influence the result of COVID-19 testing.

If my child vaccinates against COVID, can they still catch the coronavirus?

They can, but will not be severely sick from it. That is the point of the vaccine: making sure children stay healthy.

What the vaccine does, is protect people from becoming sick from the coronavirus if they catch it. The vaccine prevents COVID Disease and complications associated with it. One dose protects children well after 14 days and 2 doses makes sure they stay safe from becoming sick in the long term.

What the vaccine can also do is prevent youth from becoming infected with the virus and prevent transmission to others.



How can I be sure that the vaccine will not affect my child's growth & development?

Puberty is a period of intense growth and development involving many changes to the mind and body. There is no evidence that mRNA vaccines interfere in any of this. The mRNA vaccine does not affect hormone levels. The mRNA vaccines stimulate an immune response that will protect your child against the coronavirus.

Could the COVID-19 vaccine affect my child's fertility in the future?

There is no evidence to support this myth. There is no biological reason to expect that reproductive function could be affected by mRNA vaccines now or in years to follow.

Can my child get her COVID-19 vaccine during her period?

Yes. Women of all ages do not need to schedule their COVID-19 vaccine around their menstrual cycle.

What if my teen smokes cannabis or drinks alcohol, could that make the vaccine dangerous or not work for them?

Using these substances does not make the vaccine unsafe.

There are no studies surrounding frequent or casual cannabis or alcohol use and how this could impact the vaccine's effectiveness. However, regular smoking of cannabis can weaken people's immunity and respiratory systems, so for people who regularly smoke cannabis, it's even more important to get a COVID-19 vaccine to protect against the virus.