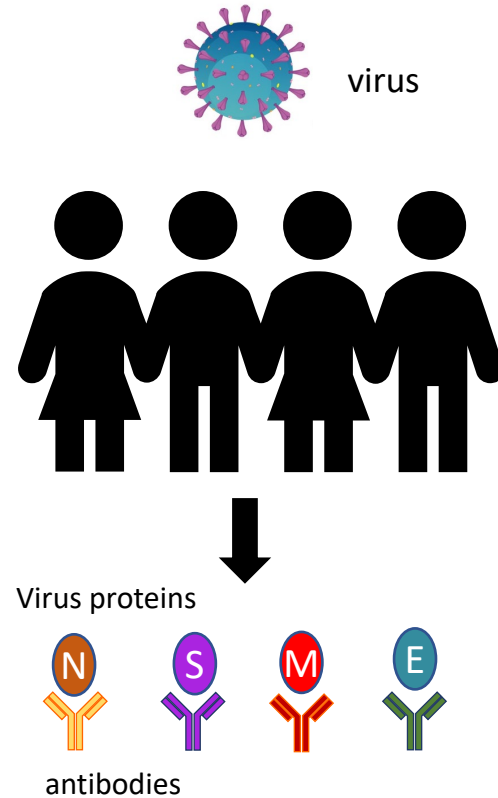


The Body's Response to Infection, Vaccination, and How Each Affects the PACCS Antibody Test

INFECTION

When we are infected by a virus, our immune system makes antibodies against **different parts** of the virus.

These antibodies help us to fight the virus.



PACCS Antibody test is positive



You were **infected** with the COVID-19 in the past.

Antibody testing determines whether you had COVID-19 in the past and currently have antibodies against the virus.

The PACCS test is measuring antibodies against **N-proteins** of the virus.

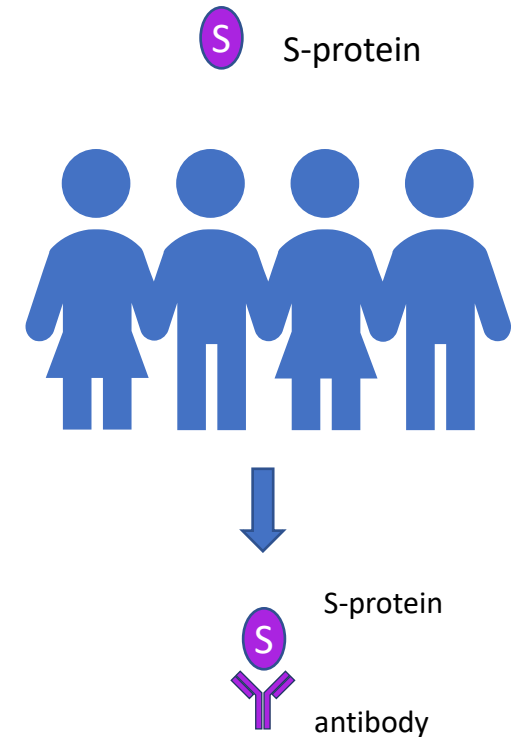
VACCINATION

Only **one part** of the virus is used for vaccination.

Moderna, Pfizer and Johnson-Johnson vaccines use the S-protein.

When we are vaccinated, our immune system makes antibodies against S-protein only.

These antibodies also help us fight the virus.



PACCS Antibody test is negative

You only received the vaccine and were **not infected** by the virus in the past.

If your PACCS antibody test is negative, it does not mean that the vaccine did not work. It is because our test **does NOT** measure antibodies for the **S-proteins** that your body makes after vaccination.