

Modern vaccine against Covid-19 guarantees up to three months of immunity, according to a study

Although more research is still missing, scientists say that a longer duration of protection against the coronavirus is indisputable, in the same way this vaccine did not cause serious side effects in the testing phases.

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Encouraging news was received after a study in the search for a solution to **Covid-19**. The **Moderna vaccine generated antibodies for up to three months**, after 34 volunteers were tested for the vaccine, according to research released by the *New England Journal Medicine*. This Thursday the event was reported, so many countries are trying to work with this laboratory.

Two types of antibodies against Covid-19 were examined by researchers from the *National Institutes of Health* **90 days after the second dose of the vaccine, which in turn managed 28 days after the first**.

The protection time is obviously longer, but these are the first data in a period of many months independently validated, according to a scientific journal.

Antibodies are part of the body's immune response to infection, along with B lymphocytes – immune memory, antibody

production, and T – that kill infected cells.

A “slight” and expected decrease in the antibody level of the vaccinated volunteers was observed, but to a degree that remained high and above the natural immunity revealed in patients who were sick with coronavirus and recovered.

The US laboratory expects to have **20 million doses** by the end of the year, since it has the potential to generate prolonged immunity and hopes to have a set of 20 million doses to be distributed in the **United States**.

The director of the Institute of Infectious Diseases, Anthony Fauci, recently mentioned to the *AFP* news agency that he was “sure” that the immune memory created by the vaccine would last a while. “We do not know if it will be one, two or five years, we do not know,” he said. Only time will allow us to know.

Benjamin Neuman, who is a professor at Texas A&M University, described the news of the study as “quite positive in general,” on Thursday to *AFP* , indicating that even in the elderly the immune response “reasonably strong” was maintained.

Learn more: Moderna designed a vaccine against covid-19 in just two days thanks to mRNA technology

<https://www.entrepreneur.com/article/361038>