

- RNA / Vaccination / Immunity

MRNA VACCINE: WHAT IS IT REALLY?

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It is a vaccine that uses a copy of mRNA created in a laboratory to elicit an immune response from the human body and teaches the body to identify — and ‘neutralise’ — the pathogen.

At any given moment, our body uses billions of proteins for its regular functions to stay alive and healthy.

Messenger RNA (mRNA) is critical because it’s what your body uses to tell your cells which proteins to build.

Covid mRNA vaccines provide our bodies with the code to produce the non-infectious virus spike protein to instruct the cell’s machinery to help stimulate a natural immune response.

mRNA vaccines have been an effective alternative to conventional vaccines — they are highly potent, can be developed rapidly and have potential for low-cost manufacture and safe administration.