

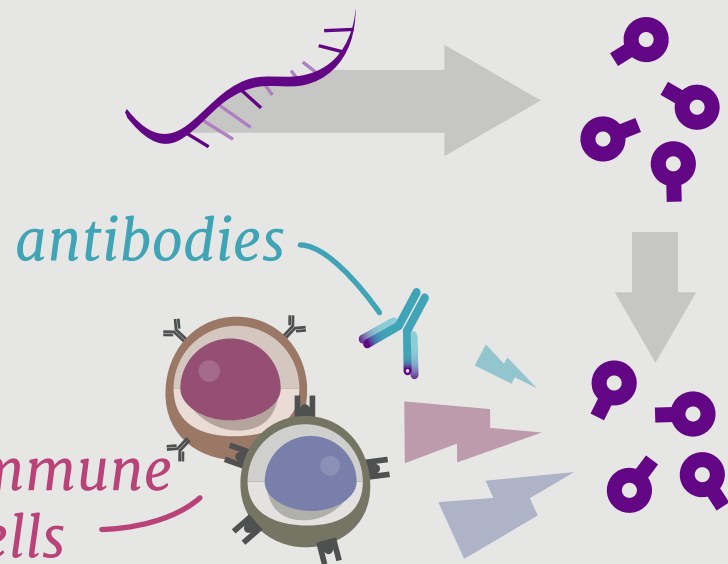
# Genetic vaccines (nucleic acid vaccines)



Contain a segment of **SARS-CoV-2 virus genetic material** that codes for a specific protein. Can be DNA or RNA.



Our cells use the genetic material to make the SARS-CoV-2 protein, which is recognised by the immune system to trigger a response.

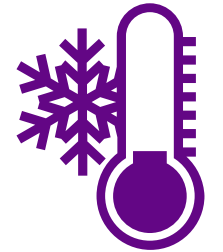


This response builds immune memory, so your body can fight off SARS-CoV-2 in future.

## Considerations

Low cost and fast to develop.

May need to be stored at specific low temperatures.



## Approved in the UK for COVID-19

Pfizer/BioNTech & Moderna

## In clinical trials for COVID-19

CureVac, Inovio Pharmaceuticals