Types of SARS-CoV-2 vaccines for COVID-19

Viral vector vaccines

Use an unrelated harmless virus, modified to deliver SARS-CoV-2 genetic material. The delivery virus is known as a viral vector.

Our cells use the genetic material to make a specific 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
Generate strong immune response. May need to be stored at specific low temperatures.

Examples in human use for other diseases
Ebola vaccine

Approved in the UK for COVID-19
AstraZeneca/Oxford

Approved elsewhere in the world for COVID-19
Jannsen, CanSino, Gamaleya