



COVID-19 VLP (S; GFP Protein)

Catalog: CBS-V926

PRODUCT INFORMATION

Name COVID-19 VLP (S; GFP Protein)

Cat No. CBS-V926

Source Pseudotyped lentivirus

Virus Name SARS-CoV-2

Virus Family Coronaviridae

Composition S-his, GFP

Purity 90%

Presentation PBS

Description

It is the replication-incompetent particles in which the native, full-length COVID-19 S protein (with 6His-tag at its C-terminal) was pseudo-typed as the lentiviral particles' surface envelope protein. The virus genome is not included. Instead it was replaced by a GFP under CMV promoter. It is mock lentivirus. This VLP binds to cells that express any S-protein binding receptor, like ACE2. When this binding occur, the VLP stay at surface of the cells and also can get into cells, then the GFP signal can be detected.

USAGE GUIDELINES

General Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.

Storage Short term: +2°C to +8°C
Long term: -80°C

Stability n.a.

Freezing Can be frozen, but avoid multiple freeze/thaw cycles.