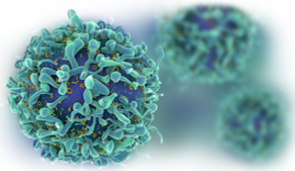

COVID-19 VLP (S; GFP Protein)

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.

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