



COVID-19 VLP (S; Luciferase)

Catalog: CBS-V927

PRODUCT INFORMATION

Name	COVID-19 VLP (S; Luciferase)
Cat No.	CBS-V927
Source	Pseudotyped lentivirus
Virus Name	SARS-CoV-2
Virus Family	Coronaviridae
Composition	S-his, Luciferase
Purity	90%
Presentation	PBS
Description	<p>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 Luciferase under CMV promoter. It is mock lentivirus. This VLP binds to cells that express any S-protein binding receptor, like ACE2. When this binding occurs, the VLP stays at surface of the cells and also can get into cells, then the luciferase signal can be detected.</p>

USAGE GUIDELINES

General	Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.
Storage	<p>Short term: +2°C to +8°C Long term: -80°C</p>
Stability	n.a.
Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.