



COVID-19 B1.351 (Beta) VLP (M; N; S; E Proteins)

Catalog: CBS-V963

PRODUCT INFORMATION

Product Name	COVID-19 B1.351 (Beta) VLP (M; N; S; E Proteins)
Catalog Number	CBS-V963
Source	HEK293
Virus Name	SARS-CoV-2
Virus Family	Coronaviridae
Composition	M; N; S; E Proteins
Purity	>85%
Presentation	Phosphate Buffered Saline, pH 7.4.
Description	SARS-CoV-2 virus-like particles B1.351 (Beta) are composed of four structural proteins: Membrane protein (M), Nucleocapsid protein (N), Beta-spike protein (S) and Envelope protein (E). VLPs are produced in mammalian HEK293 cells.

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)



Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.