Recombinant SARS-CoV-2 (B.1.351, Beta) Virus-Like Particles

Cat. No. VLP-349S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 (B.1.351, Beta) Virus-Like Particles without tag was expressed in HEK293.
Species	SARS-CoV-2
Source	HEK293
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.
Form	Liquid
Molecular Mass	Purified SARS-CoV-2 VLPs B1.351 (Beta) was analyzed migrates about 100 kDa under reducing condition,using Human anti-SARS- CoV-2 Spike antibody. (Western blot) Purified SARS-CoV-2 VLPs B1.351 (Beta) was analyzed migrates about 48 kDa under reducing condition,using Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 102-7. (Western blot)
Storage	The product is shipped with polar packs. Upon receipt, store it immediately at -80 centigrade or lower for long term storage.
Concentration	1 mg/mL

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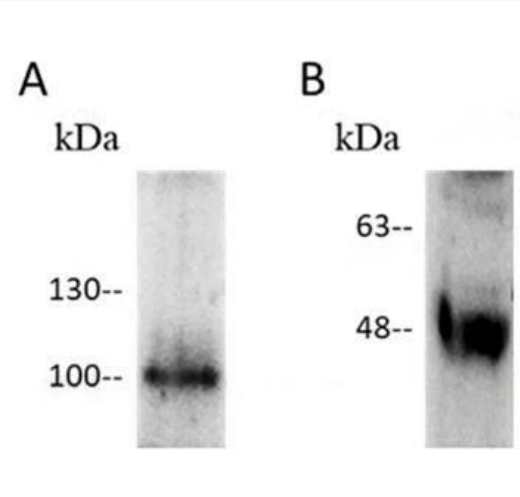
Storage Buffer	Phosphate buffered saline, pH 7.4.
Shipping	This product is stable after storage at: -80 centigrade for long-term storage under sterile conditions. Avoid repeated free-thaw cycles. Thaw quickly using a 37 centigrade water bath immediately before use.

GENE INFORMATION

Official Symbol	VLP
Synonyms	Virus Like Particles; VLP
WB	 Purified SARS-CoV-2 VLPs B1.351 (Beta) were analyzed by Western blot using (A) Human anti-SARS- CoV-2 Spike antibody and (B) Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 102-7.

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