



Certificate of Analysis

SARS-CoV-2 S Trimer Protein (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78106
Batch No.:	239373
Species:	Virus
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	QHD43416 (V16-E1188)
Gene ID:	43740568
Molecular Weight:	140-170 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Biotinylated SARS-COV-2 Spike S (Trimer) , His Tag at 2 μg/mL (100 μl/well) on the streptavidin precoated plate (5 μg/mL). Dose response curve for Human ACE2, hFc Tag with the EC ₅₀ of ≤ 91.1 ng/mL determined by ELISA.	38.3 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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