



# Certificate of Analysis

## SARS-COV-2 S Protein RBD (HEK293, His-Avi)

Cat. No.:	HY-P78283
Batch No.:	259968
Species:	Virus
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	QHD43416.1 (R319-N532)
Gene ID:	43740568
Molecular Weight:	32-42 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 SARS-COV-2 Spike RBD, His Tag at 0.5 μg/mL (100μl/Well) on the plate. Dose response curve for Human ACE2, hFc Tag with the EC <sub>50</sub> of 6.5 ng/mL determined by ELISA.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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