



Recombinant SARS-CoV-2 Spike S1 (Omicron BA.2.12.1) [His] (DAG-WT793)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mutations T19I, L24S, del25-27, G142D, V213G, G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452Q, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H, D614G, H655Y, N679K, P681H
Purity	> 90 % as determined by SDS-PAGE
Conjugate	His
Applications	ELISA
Format	Lyophilized
Size	25 µg, 100 µg
Buffer	Lyophilized from sterile 50mM PB, 500mM NaCl, pH 7.4
Preservative	None
Storage	Store at ≤-20°C

BACKGROUND

Introduction	SARS-CoV-2 is the virus responsible for COVID-19. It was previously known as 2019 Novel coronavirus (2019-nCov), is a positive-sense single-stranded RNA virus. SARS-CoV-2 has close genetic similarity to bat coronaviruses, from which it likely originated. An intermediate animal reservoir such as a pangolin is also thought to be involved in its introduction to humans. From a taxonomic perspective, SARS-CoV-2 is classified as a strain of the species severe acute respiratory syndrome-related coronavirus (SARSr-CoV).
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Keywords

SARS-CoV-2; Omicron BA.2.12.1; Spike protein
