



Recombinant SARS-CoV-2 Spike RBD (Omicron BA.2.12.1) [His] (DAG-WT791)

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

PRODUCT INFORMATION

Product Overview	Mutations G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452Q, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H
Purity	> 90 % as determined by SDS-PAGE
Conjugate	His
Applications	ELISA
Format	Lyophilized
Size	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 (SARS-CoV).
Keywords	SARS-CoV-2; Omicron BA.2.12.1; Spike protein