



# 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

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

## BACKGROUND

<b>Introduction</b>	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).
<b>Keywords</b>	SARS-CoV-2; Omicron BA.2.12.1; Spike protein