

Data Sheet

Protein Name: Omicron BA.4/5 sub-variant of Receptor Binding Domain (RBD) SARS-CoV-2 spike protein

Pango lineage: BA.4/5

Source: recombinant expression in Human Embryonic Kidney, Expi293 cells

Tags: Maltose Binding Protein, His

Purification: 74003.67 Da

Theoretical PI: 6.62

Extinction Coefficient: 101815 M⁻¹ cm⁻¹

Buffer: 20mM Tris, PH 8.0, 300 mM NaCl, 20% glycerol

Concentration: 4 mg/ml measured using molecular weight and extinction coefficient

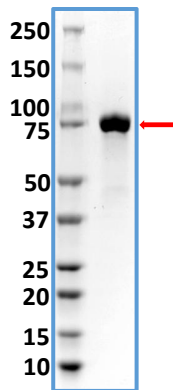
Volume: 14 µL

Stability: Long-term storage in aliquots at -80°C to -20°C recommended. Can freeze thaw up to 5 times with no loss of activity.

Application: For Research Use Only

Suitable for use with Gen-Y Biologics Pte. Ltd. ImTracker MULTI Covid-19 Viral Variant

Neutralization Test. (Cat. GY-ImTM-RUO).



Omicron BA.4/5

Figure 1. SDS-PAGE (reducing gel) 2 µg Omicron BA.4/5 RBD

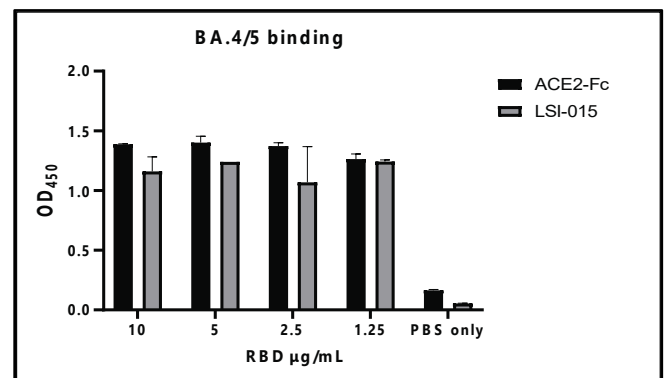


Figure 2. ELISA Binding of Omicron BA.4/5 RBD to ACE2 and positive control antibody, LSI-015