

DATA SHEET

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

Pango lineage: BA.2

Catalogue No: GY-RBD-Om2

Source: recombinant expression in Human Embryonic Kidney, Expi293 cells

Tags: Maltose Binding Protein, His

Purification: cOmplete™ His-Tag Purification

Molecular Weight: 73960.65

Theoretical PI: 6.47

Extinction Coefficient: 101815

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

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

Vol: 14 uL

Application: For Research Use Only

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

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

Stability: Long-term storage at -80°C to -20°C recommended. Can freeze thaw up to 5 times with no loss of activity. Unstable at 4°C.

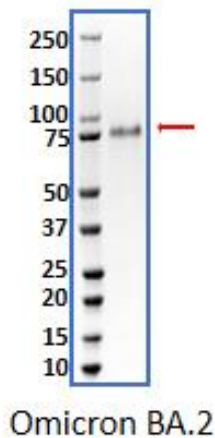


Fig. 1 SDS-PAGE reducing gel

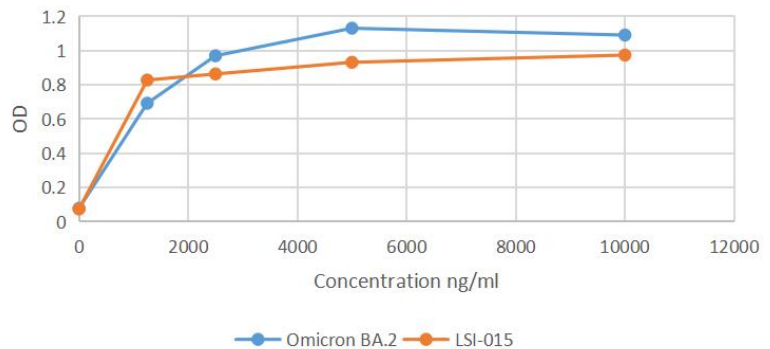


Figure 2. ELISA Binding of Omicron BA.2 RBD to ACE2 and positive control antibody, LSI-015