

DATA SHEET

Protein Name: Beta Variant of Receptor Binding Domain (RBD) of SARS-CoV-2 spike protein

Pango lineage: B.1351

Mutation: K417NE484KN501Y

Catalogue No: GY-RBD-Bet

Source: recombinant expression in Human Embryonic Kidney, Expi293 cells

Tags: Maltose Binding Protein, His

Purification: cOmplete™ His-Tag Purification

Molecular Weight: 73831.35

Theoretical PI: 6.21

Extinction Coefficient: 103305

Buffer: PBS/ 20% glycerol

Concentration: 1 mg/ml measured using molecular weight and extinction coefficient

Vol: 14 uL

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).

Beta RBD

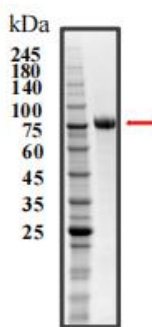


Fig. 1 SDS-PAGE reducing gel

Beta RBD-ACE2 interaction

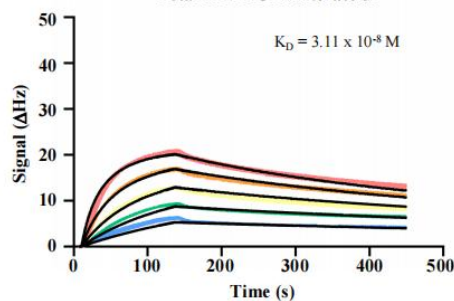


Fig. 2 Kinetic interaction with ACE2-Fc , by QCM