

DATA SHEET

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

Pango lineage: B.1.617.2

Mutation: L452RT478K

Catalogue No: GY-RBD-Del

Source: recombinant expression in Human Embryonic Kidney, Expi293 cells

Tags: Maltose Binding Protein, His

Purification: cOmplete™ His-Tag Purification

Molecular Weight: 73867.38 Da

Theoretical PI: 6.32

Extinction Coefficient: 101815 M⁻¹ cm⁻¹

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).

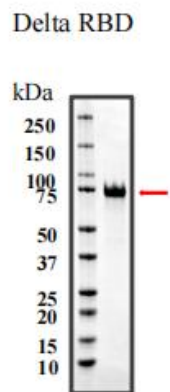


Fig. 1 SDS-PAGE reducing gel

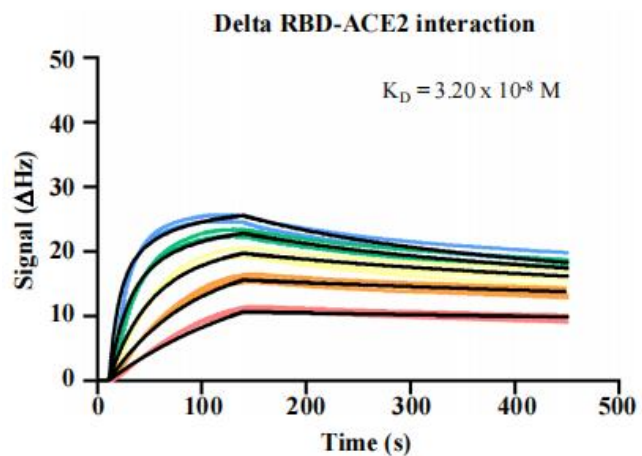


Fig. 2 Kinetic interaction with ACE2-Fc, by QCM