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## Product Datasheet

### **Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Alpha B.1.1.7 Variant) (Fc Tag), Unconjugated ABC-A318195-50**

Article Name	Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Alpha B.1.1.7 Variant) (Fc Tag), Unconjugated
Biozol Catalog Number	ABC-A318195-50
Supplier Catalog Number	A318195-50
Alternative Catalog Number	ABC-A318195-50
Manufacturer	Antibodies.com
Category	Proteine/Peptide
Application	ELISA, SDS-PAGE
Conjugation	Unconjugated
Product Description	Consists of amino acids Arg319-Phe541 of SARS-CoV-2 Spike Glycoprotein RBD (Alpha B.1.1.7 Variant) containing the following mutation: N501Y. The human Fc tag consists of amino acids Glu99-Ala330....
Concentration	Reconstitution dependent.
Molecular Weight	The protein has a predicted molecular mass of 51.3 kDa after removal of the signal peptide. The apparent molecular mass of RBD(N501Y)-hFc is approximately 55-70 kDa due to glycosylation.
Tag	C-terminal Human Fc Tag
Buffer	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Expression System	HEK293 cells

Purity	> 90% by SDS-PAGE and Coomassie blue staining.
Form	Lyophilized
Sequence	S protein RBD (N501Y) (Arg319-Phe541) + hFc (Glu99-Ala330)
Target	SARS-CoV-2 Spike Glycoprotein RBD