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## Product Datasheet

### **Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Kappa B.1.617/B.1.617.1/B.1.617.3 Variant) (Fc Tag), Unconjugated ABC-A318168-50**

|                            |                                                                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Kappa B.1.617/B.1.617.1/B.1.617.3 Variant) (Fc Tag), Unconjugated                                                                                                                      |
| Biozol Catalog Number      | ABC-A318168-50                                                                                                                                                                                                                        |
| Supplier Catalog Number    | A318168-50                                                                                                                                                                                                                            |
| Alternative Catalog Number | ABC-A318168-50                                                                                                                                                                                                                        |
| Manufacturer               | Antibodies.com                                                                                                                                                                                                                        |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                      |
| Application                | SDS-PAGE                                                                                                                                                                                                                              |
| Conjugation                | Unconjugated                                                                                                                                                                                                                          |
| Product Description        | Consists of amino acids Arg319-Phe541 of SARS-CoV-2 Spike Glycoprotein RBD (Kappa B.1.617/B.1.617.1/B.1.617.3 Variant) containing the following mutations: L452R and E484Q. The human Fc tag consists of amino acids Glu99-Ala330.... |
| Concentration              | Reconstitution dependent.                                                                                                                                                                                                             |
| Molecular Weight           | The protein has a predicted molecular mass of 51.2 kDa after removal of the signal peptide. The apparent molecular mass of RBD(L452R and E484Q)-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            | > 95% by SDS-PAGE and Coomassie blue staining.                       |
| Form              | Lyophilized                                                          |
| Sequence          | S protein RBD (L452R and E484Q) (Arg319-Phe541) + hFc (Glu99-Ala330) |
| Target            | SARS-CoV-2 Spike Glycoprotein RBD                                    |