

Product Datasheet

SARS-CoV-2 Spike Antibody (7E3C5) - Delta Variant, B.1.617.2, India - BSA Free NBP3-14793

Unit Size: 0.1 mg

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-14793

SARS-CoV-2 Spike Antibody (7E3C5) - Delta Variant, B.1.617.2, India - BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 7E3C5 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG2 |
| Purity | Protein G purified |
| Buffer | PBS |

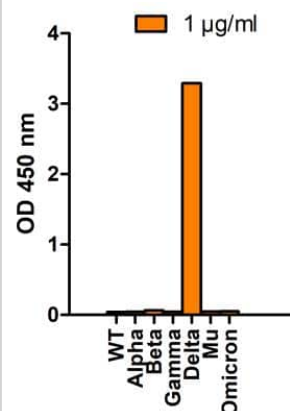
| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Gene ID | 43740568 |
| Gene Symbol | S |
| Species | SARS-CoV-2 |
| Specificity/Sensitivity | The antibody can only detect SARS-CoV-2 Delta Variant Spike S1 protein and does not cross-react with the spike protein of other variants. |
| Immunogen | Antibody was raised against a peptide corresponding to 12 amino acids near the cleavage site of SARS-CoV-2 Delta variant Spike protein. The immunogen is located within 650-700 amino acids of SARS-CoV-2 Delta variant Spike protein. |

| Product Application Details | |
|-----------------------------|---|
| Applications | ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | ELISA, Immunohistochemistry 20 ug/mL, Immunohistochemistry-Paraffin |

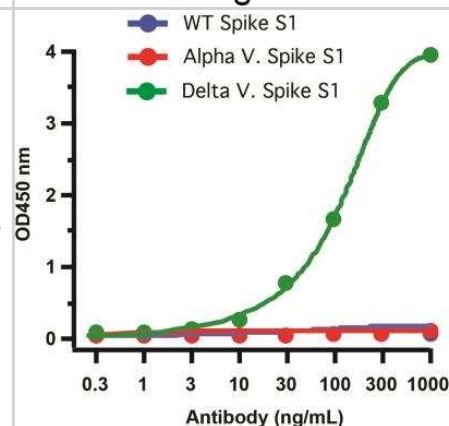


Images

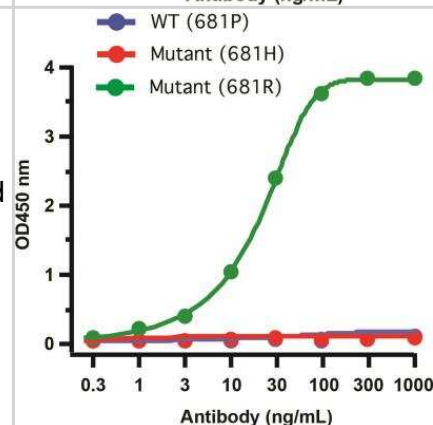
ELISA: SARS-CoV-2 Spike Antibody (7E3C5) - Delta Variant, B.1.617.2, India [NBP3-14793] - SARS-Cov-2 Spike P681R (Delta Variant) Antibodies Specifically Detect Delta Variant Spike S1 Protein in an ELISA. Coating Antigen: SARS-CoV-2 spike S1 proteins WT, alpha variant (B.1.1.7), beta variant (B.1.351), gamma variant (P.1), delta variant (B.1.617.2), mu variant (B.1.621), and omicron variant (B.1.1.529), 1 ug/mL, incubated at 4C overnight. Detection Antibodies: SARS-CoV-2 Spike P681R (Delta Variant) antibody, NBP3-14793, 1 ug/mL, incubated at RT for 1 hr. Secondary Antibodies: Goat anti-mouse HRP at 1:5,000, incubated at RT for 1 hr.



ELISA: SARS-CoV-2 Spike Antibody (7E3C5) - Delta Variant, B.1.617.2, India [NBP3-14793] - ELISA Validation of Delta Variant Spike S1 Antibodies with SARS-CoV-2 Delta Variant Spike S1 Protein. Coating Antigen: SARS-CoV-2 spike S1 proteins, WT, Alpha and Delta variants, 1 ug/mL, incubated at 4C overnight. Detection Antibodies: SARS-CoV-2 Spike P681R (Delta Variant) antibody, NBP3-14793, dilution: 0.3-1000 ng/mL, incubated at RT for 1 hr. Secondary Antibodies: Goat anti-mouse HRP at 1:5,000, incubated at RT for 1 hr. SARS-CoV-2 Spike P681R (Delta Variant) antibody specifically detects spike S1 protein of Delta variant, but not WT and Alpha variant.



ELISA: SARS-CoV-2 Spike Antibody (7E3C5) - Delta Variant, B.1.617.2, India [NBP3-14793] - ELISA Validation of Delta Variant Spike S1 Antibodies with Mutant and WT Peptide. Coating Antigen: SARS-CoV-2 spike S1 peptides: WT, Alpha variant, and Delta variant, 1 ug/mL, incubated at 4C overnight. Detection Antibodies: SARS-CoV-2 delta spike P681R antibody, NBP3-14793, dilution: 0.3-1000 ng/mL, incubated at RT for 1 hr. Secondary Antibodies: Goat anti-mouse HRP at 1:5,000, incubated at RT for 1 hr. SARS-CoV-2 Spike P681R (Delta Variant) antibody detects Delta variant spike S1 peptide (681R), but not WT peptide (681P) and Alpha variant spike S1 peptide (681H).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-14793

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP3-14666-100ug | SARS-CoV-2 Spike Recombinant Protein |
| 10549-CV-100 | SARS-CoV-2 Spike [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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