

Product Datasheet

SARS-CoV-2 SARS-CoV-2 Delta (B.1.617.2) Spike ELISA Kit (Colorimetric) NBP3-17992

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-17992

Updated 9/5/2023 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-17992



NBP3-17992**SARS-CoV-2 SARS-CoV-2 Delta (B.1.617.2) Spike ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene Symbol	S
Species	SARS-CoV-2
Specificity/Sensitivity	Lineage A (Wuhan-Hu-1): SARS-CoV-2 Spike S1-His Recombinant Protein Lineage A (Wuhan-Hu-1): SARS-CoV-2 Spike S1+S2 ECD-His Recombinant Protein Lineage A (Wuhan-Hu-1): SARS-CoV-2 Spike RBD-His Recombinant Protein Abundant mutations in many lineages: SARS-CoV-2 Spike S1(D614G)-His Recombinant Protein, HPLC-verified B.1.1.7 (Alpha): SARS-CoV-2 Spike S1(HV69-70 deletion, Y144 deletion, N501Y, A570D, D614G, P681H)-His Recombinant Protein B.1.1.7 (Alpha): SARS-CoV-2 Spike RBD(N501Y)-His Recombinant Protein B.1.351 (Beta):SARS-CoV-2 Spike S1 (L18F, D80A, D215G, LAL242-244 deletion, R246I, K417N, E484K, N501Y, D614G) Protein (His Tag) B.1.351 (Beta): SARS-CoV-2 Spike RBD(K417N, E484K, N501Y)-His Recombinant Protein P.1 (Gamma): SARS-CoV-2 Spike S1 (L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y) Protein (His Tag) P.1 (Gamma): SARS-CoV-2 Spike RBD (K417T, E484K, N501Y) Protein (His Tag) B.1.617, B.1.617.1 (Kappa), B.1.617.3: SARS-CoV-2 Spike RBD (L452R, E484Q) Protein (His Tag) B.1.617.2 (Delta): SARS-CoV-2 Spike S1 (T19R, G142D, E156G, 157-158 deletion, L452R, T478K, D614G, P681R) Protein (His Tag) B.1.617.2 (Delta): SARS-CoV-2 Spike RBD (L452R,T478K) Protein (His Tag) B.1.429 (Epsilon): SARS-CoV-2 Spike RBD (L452R,T478K) Protein (His Tag) B.1.429 (Epsilon): SARS-CoV-2 Spike S1 (W152C, L452R, D614G) Protein (His Tag) B.1.429 (Epsilon): SARS-CoV-2 Spike RBD(L452R)-His Recombinant Protein B.1.429 (Epsilon): SARS-CoV Spike/S1 Protein (S1 Subunit, His Tag) SARS-CoV Spike S1+S2 ECD-His Recombinant Protein (S577A, Isolate Tor2)
Kit Components	SARS-CoV-2 Delta (B.1.617.2) variant Spike Microplate, SARS-CoV-2 Delta (B.1.617.2) variant Spike Detection Antibody, SARS-CoV-2 Delta (B.1.617.2) variant Spike Standard, Wash Buffer Concentrate, Dilution Buffer Concentrate, 1 x Standard Dilution Buffer, Color Reagent A, Color Reagent B, Stop Solution
Standard Curve Range	156.25-10000 pg/mL (example only; lot dependent)
Sensitivity	59.05 pg/mL
Inter Assay	%CV < 4.4
Intra Assay	%CV < 6.3
Assay Type	Sandwich ELISA
Spiking Recovery	74-86%
Suitable Sample Type	Cell Culture Supernates Plasma

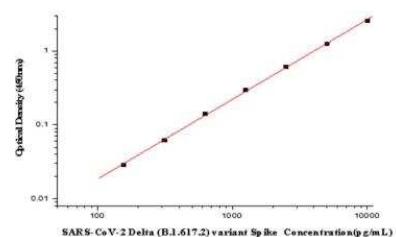
Product Application Details

Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: SARS-CoV-2 SARS-CoV-2 Delta (B.1.617.2) Spike ELISA Kit (Colorimetric) [NBP3-17992] - Standard Reference Curve

Concentration (pg/mL)	Zero standard subtracted OD
0	0
156.25	0.029
312.5	0.062
625	0.141
1250	0.298
2500	0.612
5000	1.256
10000	2.583





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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-17992

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

