

Product Datasheet

Dopamine ELISA Kit (Colorimetric) NBP2-67270

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 2

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NBP2-67270**Dopamine 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

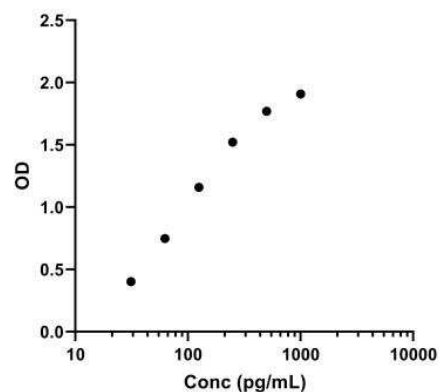
Kit Components	Micro ELISA Plate(Dismountable), Reference Standard, Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Substrate Reagent, Stop Solution, Plate Sealer, Concentrated Biotinylated Detection Ab (100X), Concentrated HRP Conjugate (100X), Concentrated Wash Buffer (25X)
Standard Curve Range	31.25 - 2000 pg/mL
Sensitivity	18.75 pg/mL
Inter Assay	%CV < 5.63
Intra Assay	%CV < 6.55
Assay Type	Competitive-ELISA
Spiking Recovery	92 - 111%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL

Product Application Details

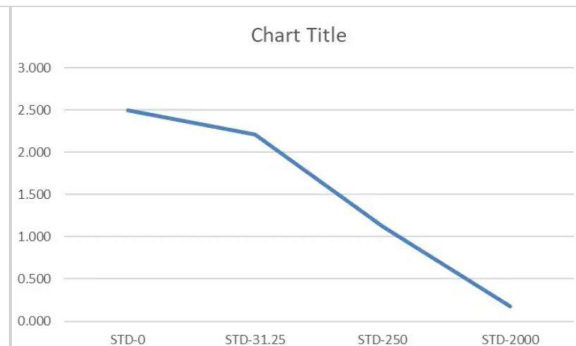
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Universal Dopamine ELISA Kit (Colorimetric) [NBP2-67270] - Standard curve from verified customer review.



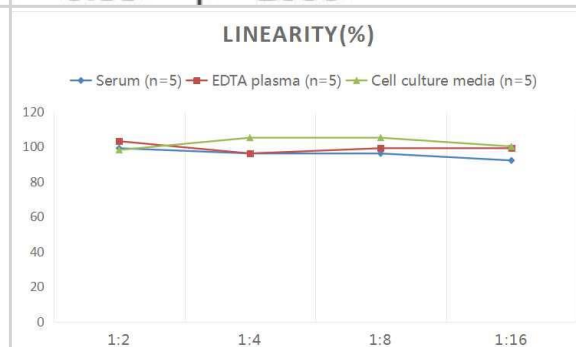
ELISA: Universal Dopamine ELISA Kit (Colorimetric) [NBP2-67270] - DRC image from verified customer review.



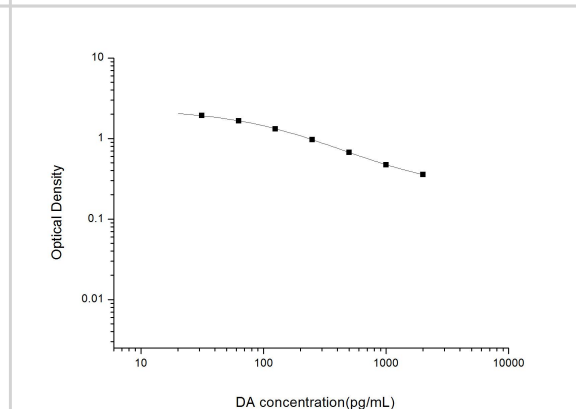
ELISA: Universal Dopamine ELISA Kit (Colorimetric) [NBP2-67270] - Dose-response curve. Image from verified customer review.

OD	STD
2.62	0
2.01	125
1.86	250
1.57	500
0.86	1000
0.33	2000

ELISA: Universal Dopamine ELISA Kit (Colorimetric) [NBP2-67270] - Samples were spiked with high concentrations of Dopamine and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Universal Dopamine ELISA Kit (Colorimetric) [NBP2-67270] - Standard Curve Reference



Publications

Huang J, Huang W, Yi J et al. Mesenchymal stromal cells alleviate depressive and anxiety-like behaviors via a lung vagal-to-brain axis in male mice Nature communications 2023-11-16 [PMID: 37973914] (ELISA)

Koch CE, Begemann K, Kiehn JT et al. Circadian regulation of hedonic appetite in mice by clocks in dopaminergic neurons of the VTA Nat Commun 2020-06-17 [PMID: 32555162] (ELISA, Mouse)





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 NBP2-67270

KA3838

Dopamine ELISA Kit (Colorimetric)

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.

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