

Product Datasheet

Rat BNP-45 ELISA Kit (Colorimetric) KA0979

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/KA0979

Updated 10/23/2024 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/KA0979

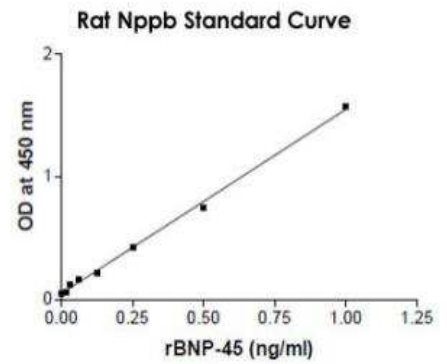


KA0979**Rat BNP-45 ELISA Kit (Colorimetric)**

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	
Description	Nppb (Rat) ELISA Kit is designed for detection of rat Nppb in rat plasma, serum, tissue extract, and cell culture supernatants.
Gene ID	4879
Gene Symbol	NPPB
Species	Rat
Specificity/Sensitivity	This Rat BNP-45 ELISA Kit (Colorimetric) is specific to Brain Natriuretic Peptide 45 (aa 77-121).
Kit Components	Rat BNP-45 Microplate: A 96 well polystyrene microplate coated with a polyclonal antibody against rat BNP-45., Sealing Tapes: Pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Rat BNP45 Standard: Rat BNP-45 in a buffered protein base (lyophilized)., Biotinylated Rat BNP-45 Antibody (50x): A 50-fold biotinylated polyclonal antibody against rat BNP-45., MIX Diluent Concentrate (10x): A 10-fold buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., Streptavidin-Peroxidase Conjugate (SP Conjugate): A 100-fold concentrate., Chromogen Substrate: A ready-to-use stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution: A 0.5 N hydrochloric acid to stop the chromogen substrate reaction
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.031 to 1 ng/mL
Sensitivity	12 pg/mL
Inter Assay	CV% < 7.80%
Intra Assay	CV% < 4.20%
Suitable Sample Type	Cell Culture Samples, Plasma, Serum and Tissue Extract
Sample Volume	50 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Images

ELISA: NPPB ELISA Kit [Biotin] [KA0979] - Standard curve



Publications

Hohendanner F, Bode D, Primessnig U et al. Cellular mechanisms of metabolic syndrome-related atrial decompensation in a rat model of HFpEF. J Mol Cell Cardiol 2017-12-28 [PMID: 29289652]



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 KA0979

210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]
MAB25031	CFTR Antibody (24-1) [Unconjugated] - C-terminus
DY1707	C-Reactive Protein/CRP [Biotin]

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/KA0979

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

