

Product Datasheet

Human NF-H [p Ser668, p Ser702] ELISA Kit (Colorimetric) NBP2-78763

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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NBP2-78763

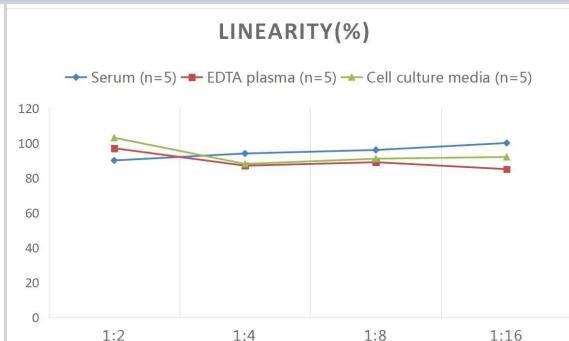
Human NF-H [p Ser668, p Ser702] ELISA Kit (Colorimetric)

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	This ELISA kit applies to the in vitro quantitative determination of Human pNF-H concentrations in Serum, plasma and other biological fluids. NFH is phosphorylated on a number of the serines at C-terminal according to the sequence of P12036 in Uniprot.
Gene ID	4744
Gene Symbol	NEFH
Species	Human
Specificity/Sensitivity	This kit recognizes Human pNF-H in samples. No significant cross-reactivity or interference between Human pNF-H and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	78.13 - 5000 pg/mL
Sensitivity	46.88 pg/mL
Inter Assay	CV% < 5.01%
Intra Assay	CV% < 5.26%
Assay Type	Sandwich-ELISA
Spiking Recovery	86-110%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

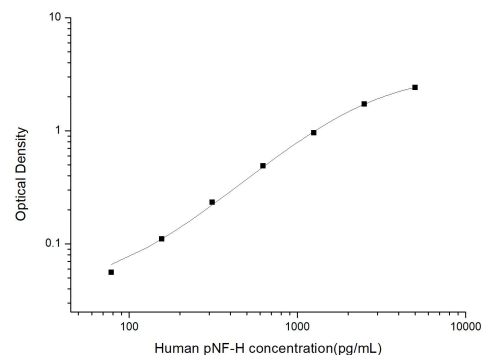


Images

ELISA: Human NF-H [p Ser668, p Ser702] ELISA Kit (Colorimetric) [NBP2-78763] - Samples were spiked with high concentrations of Human NF-H and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human NF-H [p Ser668, p Ser702] ELISA Kit (Colorimetric) [NBP2-78763] - Standard Curve Reference



Publications

Kim K, Oh J, Kim H et al. Serum spectrin breakdown product and neurofilament heavy in predicting outcome after cardiac arrest: A diagnostic accuracy study Heliyon 2023-12-01 [PMID: 38076158] (ELISA)



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 NBP2-78763

H00004744-Q01-10ug	Recombinant Human NF-H GST (N-Term) Protein
NB300-109	Tyrosine Hydroxylase Antibody
NB300-135	NF-H Antibody
NB300-213	MAP2 Antibody

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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