

Product Datasheet

Mouse NRG4 ELISA Kit (Colorimetric) NBP2-76763

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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technical@novusbio.com

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NBP2-76763**Mouse NRG4 ELISA Kit (Colorimetric)**

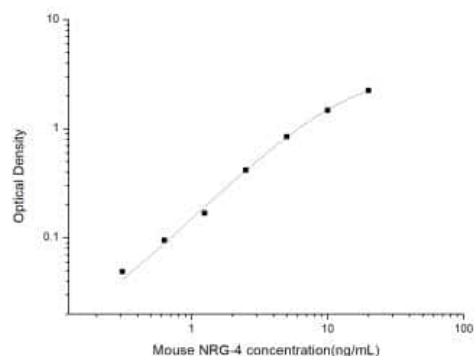
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.

Product Description	
Gene ID	145957
Gene Symbol	NRG4
Species	Mouse
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
Standard Curve Range	0.313 - 20ng/mL
Sensitivity	0.188ng/mL
Inter Assay	CV% < 5.27
Intra Assay	CV% < 4.66
Assay Type	Sandwich-ELISA
Spiking Recovery	85-111%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Mouse NRG4 ELISA Kit (Colorimetric) [NBP2-76763] - Standard Curve Reference



Publications

Robertson CE, Weaver FE, Nurse CA "Turning up the heat": Role of neurotrophic batokines in the postnatal maturation and remodelling of brown adipose tissue in deer mice American journal of physiology. Endocrinology and metabolism 2023-05-24 [PMID: 37224469] (ELISA)

Shi L, Li Y, Xu X et al. Brown adipose tissue-derived Nrg4 alleviates endothelial inflammation and atherosclerosis in male mice Nature metabolism 2022-11-01 [PMID: 36400933] (ELISA, Mouse)

Schumacher MA, Dennis IC, Liu CY et al. NRG4-ErbB4 signaling represses pro-inflammatory macrophage activity American journal of physiology. Gastrointestinal and liver physiology 2021-04-07 [PMID: 33826403] (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 NBP2-76763

NBP2-23278	Recombinant Human NRG4 His Protein
236-EG-200	EGF [Unconjugated]
NBP2-93954-0.1ml	NRG4 Antibody - Azide and BSA Free
396-HB-050	Neuregulin-1 beta 1/NRG1 beta 1

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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