

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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Publications: 3

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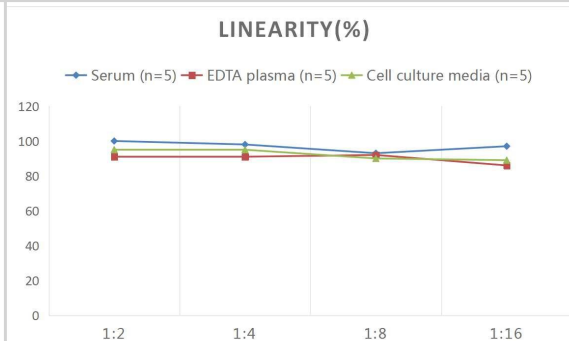


NBP2-76763**Mouse NRG4 ELISA Kit (Colorimetric)**

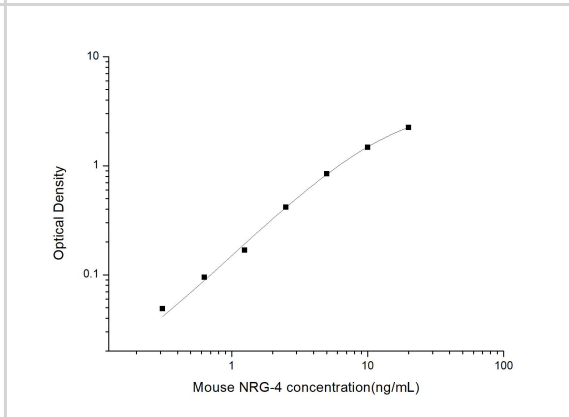
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	145957
Gene Symbol	NRG4
Species	Mouse
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
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] - Samples were spiked with high concentrations of Mouse NRG4 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



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)



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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
MAB377-100	Neuregulin-1/NRG1 Antibody (147724) [Unconjugated]

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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