Product Datasheet

Mouse beta-NGF ELISA Kit (Colorimetric)
KA0400

Unit Size: 1 Kit

Store at -20 °C.

Publications: 6

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KA0400

Mouse beta-NGF 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	Store at -20 °C.

Product Description

Description	Ngf (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Ngf.
Gene ID	4803
Gene Symbol	NGF
Species	Mouse
Kit Components	96-well plate precoated with anti- mouse NGF antibody, Lyophilized recombinant mouse NGF standard, Biotinylated anti- mouse NGF antibody (dilution 1:100), Avidin-Biotin-Peroxidase Complex (ABC) (dilution 1:100), Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution, Adhesive cover
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	31.2 to 2000 pg/mL
Sensitivity	1 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant and Serum
Sample Volume	100 uL

Product Application Details

Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Useful for quantification. ELISA usage reported in scientific literature (PMID: 25289030).

Publications

Yue Y, Xue Q, Yang J et al. Wnt-activated olfactory ensheathing cells stimulate neural stem cell proliferation and neuronal differentiation Brain Res. 2020-02-10 [PMID: 32057808] (ELISA, Mouse)

Chang YC, Chen MH, Liao SY et al. Multichanneled Nerve Guidance Conduit with Spatial Gradients of Neurotrophic Factors and Oriented Nanotopography for Repairing the Peripheral Nervous System. ACS Appl Mater Interfaces 2017-10-17 [PMID: 28990762]

Shen Q, Yasmeen R, Marbourg J et al. Induction of innervation by encapsulated adipocytes with engineered vitamin A metabolism. Transl Res 2018-02-01 [PMID: 29144959] (ELISA, Mouse)

Ullrich A, Gray A, Berman C, Dull TJ. Human beta-nerve growth factor gene sequence highly homologous to that of mouse. Nature. 1983-06-30 [PMID: 6688123]

Sanico AM, Stanisz AM, Gleeson TD et al. Nerve growth factor expression and release in allergic inflammatory disease of the upper airways. Am J Respir Crit Care Med 2000-05-01 [PMID: 10806167]

Qin Q, Wang Z, Pan P et al. Lung dendritic cells undergo maturation and polarization towards a T helper type 2-stimulating phenotype in a mouse model of asthma: Role of nerve growth factor. Exp Ther Med. 2014-11-01 [PMID: 25289030] (ELISA, Mouse)

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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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