



Mouse Nerve growth factor,NGF ELISA kit

Product Code	CSB-E04684m
Abbreviation	NGF
Uniprot No.	P01139
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates.
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Neuroscience
Gene Names	Ngf
Tag Info	quantitative
Protein Description	Sandwich

Description

The mouse NGF ELISA Kit is engineered for accurate measurement of mouse NGF levels from samples including serum, plasma, or tissue homogenates. It uses the Sandwich-ELISA mechanism in combination with the enzyme-substrate chromogenic reaction to measure the NGF content in the sample. The color intensity is positively correlated with NGF content in the sample. The NGF concentration can be calculated according to the standard curve. This kit is tested with high sensitivity, strong specificity, good linearity, high precision and recovery, as well as lot-to-lot consistency.

NGF is a neurotrophic protein essential for the growth, differentiation, and survival of sympathetic and sensory afferent neurons during development. NGF contributes to neuronal phenotype by regulating axonal guidance, gene transcription, neurotransmitter release, and synaptic plasticity. Engagement of its receptor, NGF plays a critical regulatory role in each phase of wound healing. NGF promotes the proliferation of fibroblasts and keratinocytes, expression and secretion of extracellular matrix components, and differentiation of angiogenesis and myofibroblast.

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E04684m.pdf","filename":"MSDS"}}