

# Ngf (Mouse) ELISA Kit

Catalog # KA0400

Size 1 Kit

## Specification

<b>Product Description</b>	Ngf (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Ngf.
<b>Suitable Sample</b>	Cell Culture Supernatant, Plasma (citrate, EDTA, heparin), Serum
<b>Sample Volume</b>	100 $\mu$ L
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	31.2 to 2000 pg/mL
<b>Reactivity</b>	Mouse
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

## Applications

- Quantification

## Gene Info — Ngf

<b>Entrez GeneID</b>	<a href="#">18049</a>
<b>Gene Name</b>	Ngf
<b>Gene Alias</b>	Ngfb

Gene Description	nerve growth factor
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	beta
Other Designations	nerve growth factor, beta

## Publication Reference

- [Multichanneled Nerve Guidance Conduit with Spatial Gradients of Neurotrophic Factors and Oriented Nanotopography for Repairing the Peripheral Nervous System.](#)

Chang YC, Chen MH, Liao SY, Wu HC, Kuan CH, Sun JS, Wang TW.  
ACS Applied Materials & Interfaces 2017 Nov; 9(43):37623.

Application: Quant, Neurotrophic growth factor releaed from gelatin scaffold
- [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.](#)

Qin Q, Wang Z, Pan P, Cao Z, Xia Q, Tan H, Hu C.  
Experimental and Therapeutic Medicine 2014 Nov; 8(5):1402.

Application: ELISA, Mouse, Serum
- [Nerve growth factor expression and release in allergic inflammatory disease of the upper airways.](#)

Sanico AM, Stanis AM, Gleeson TD, Bora S, Proud D, Bienenstock J, Koliatsos VE, Togias A.  
American Journal of Respiratory and Critical care Medicine 2000 May; 161(5):1631.
- [Human beta-nerve growth factor gene sequence highly homologous to that of mouse.](#)

Ullrich A, Gray A, Berman C, Dull TJ.  
Nature 1983 Jun; 303(5920):821.