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Datasheet for ABIN5510557  
**Neurotrophin 3 ELISA Kit**

1 Image

Overview

Quantity:	96 tests
Target:	Neurotrophin 3 (NTF3)
Binding Specificity:	AA 139-257
Reactivity:	Monkey
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of monkey primate Neurotrophin-3
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: sf21 Immunogen sequence: Y139-T257
Cross-Reactivity (Details):	There is cross-reactivity with NT-4<2.5 % , and no detectable cross-reactivity with any other cytokine.
Characteristics:	Tissue Specificity: Brain and peripheral tissues.

Target Details

Target:	Neurotrophin 3 (NTF3)
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## Target Details

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Alternative Name: [NTF3 \(NTF3 Products\)](#)

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Background: Protein Function: Seems to promote the survival of visceral and proprioceptive sensory neurons.

Background: Neurotrophin-3(NT-3) is a new member of the nerve growth factor gene family, which plays an important role in the development and maintenance of the vertebrate nervous system. NT-3 and its receptor, called neurotrophic tyrosine kinase receptor type 3(Ntrk3, also called TrkC), are expressed early and throughout embryogenesis. NT-3 is one of five neurotrophin growth factors which shape the development of the nervous system by regulating neuronal survival and differentiation. NT-3 may be one of the central nervous system-derived factors that mediate neural crest(NC) cell proliferation in vivo. NT-3 has been mapped to monkey primate chromosome 12p and monkey primate chromosome 6.1

Synonyms: Neurotrophin-3,NT-3,HDNF,Nerve growth factor 2,NGF-2,Neurotrophic factor,NTF3,  
Full Gene Name: Neurotrophin-3  
Cellular Localisation: Secreted.

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UniProt: [P20783](#)

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Pathways: [RTK Signaling, Neurotrophin Signaling Pathway](#)

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## Application Details

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Plate: Pre-coated

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Restrictions: For Research Use only

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## Handling

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Storage: 4 °C,-20 °C

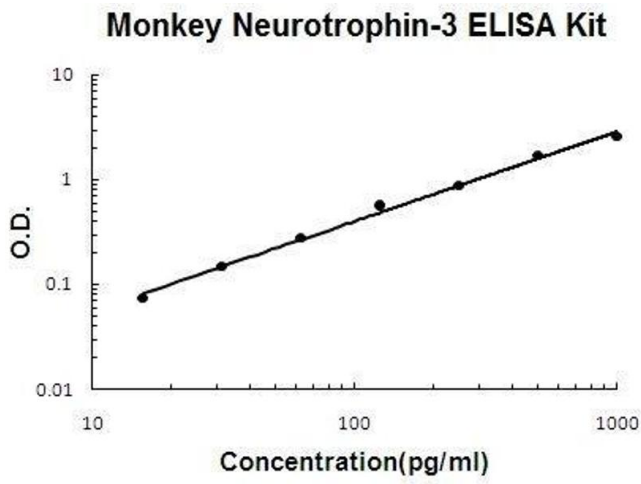
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Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

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Expiry Date: 12 months

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#### ELISA

**Image 1.** Monkey Primate Neurotrophin-3 PicoKine ELISA Kit standard curve