

Datasheet for ABIN5510559
Neurotrophin 3 ELISA Kit[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Dog Caninea 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

Alternative Name: Ntf3 ([NTF3 Products](#))

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 Dog Caninea chromosome 12p and Dog Caninea chromosome 6.

Synonyms: Neurotrophin-3,NT-3,HDNF,Nerve growth factor 2,NGF-2,Neurotrophic factor,Ntf3,Ntf-3,

Full Gene Name: Neurotrophin-3

Cellular Localisation: Secreted.

UniProt: [P20181](#)

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

Application Details

Plate: Pre-coated

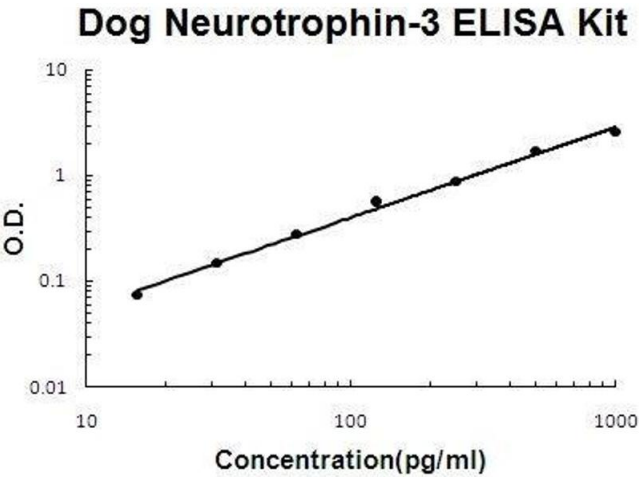
Restrictions: For Research Use only

Handling

Storage: 4 °C,-20 °C

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

Expiry Date: 12 months



ELISA

Image 1. Dog Neurotrophin-3 PicoKine ELISA Kit standard curve