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Neurotrophin 3 ELISA Kit





Overview

Quantity:	96 tests
Target:	Neurotrophin 3 (NTF3)
Binding Specificity:	AA 139-257
Reactivity:	Cow
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Bovine 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)

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
	human chromosome 12p and mouse 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.
UniProt:	P20783
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway

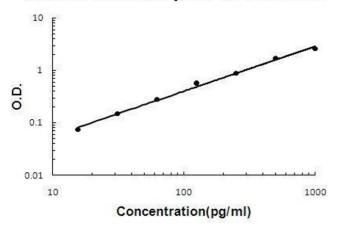
Application Details

Pre-coated

Plate:

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

Bovine Neurotrophin-3 ELISA Kit



ELISA

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