

## ARG83152 Canine Neurotrophin 3 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83152 Canine Neurotrophin 3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Canine Neurotrophin 3 in Serum and Cell culture supernatants.
Tested Reactivity	Dog
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Neurotrophin 3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	2 pg/ml
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sample Type	Serum and Cell culture supernatants
Precision	Intra-Assay CV: 4.8% Inter-Assay CV: 6.8%
Alternate Names	Nerve growth factor 2; NT3; HDNF; Neurotrophic factor; Neurotrophin-3; NT-3; NGF2; NGF-2

### Application Instructions

Assay Time	~ 5 hours
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### Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

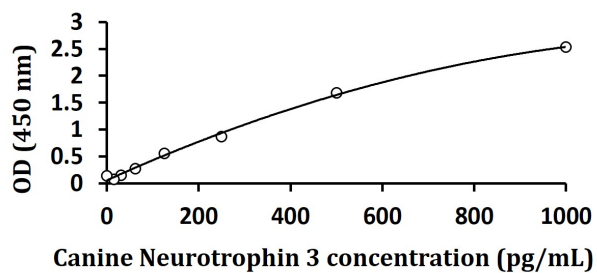
Gene Symbol	NTF3
Gene Full Name	neurotrophin 3
Background	The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq, Jul 2008]

Function Seems to promote the survival of visceral and proprioceptive sensory neurons. [UniProt]

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## Images

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ARG83152 Canine Neurotrophin 3 ELISA Kit standard curve image

ARG83152 Canine Neurotrophin 3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.