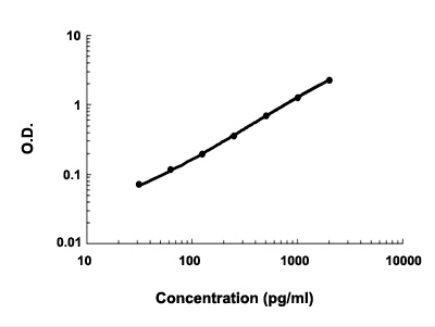
NTF4 (Human) ELISA Kit

Catalog # KA4047 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	NTF4 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human NTF4.
Suitable Sample	Cell culture supernates, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 pg/ml to 2000 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — NTF4

Entrez GeneID	4909
Gene Name	NTF4
Gene Alias	NT-4/5, NT4, NT5, NTF5
Gene Description	neurotrophin 4
Omim ID	162662
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood. [provided by RefSeq
Other Designations	neurotrophic factor 4|neurotrophic factor 5|neurotrophin 5|neurotrophin 5 (neurotrophin 4/5)

Pathway

- MAPK signaling pathway
- Neurotrophin signaling pathway

Disease

- Asperger Syndrome
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Disease Models

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- Eating Disorders
- Genetic Predisposition to Disease
- Glaucoma
- Mental Disorders
- Social Perception

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