

## ARG81416 Human NT4 / Neurotrophin 5 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG81416-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81416-002	Standard	2 X 10 ng/vial	4°C
ARG81416-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81416-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81416-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81416-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81416-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81416-008	25X Wash buffer	20 ml	4°C
ARG81416-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81416-010	STOP solution	10 ml (Ready to use)	4°C
ARG81416-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG81416 Human NT4 / Neurotrophin 5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human NT4 / Neurotrophin 5 in serum and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	NT4 / Neurotrophin 5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.6% Inter-Assay CV: 7.7%
Alternate Names	NTF5; NT-4/5; NT5; NT4; GLC10; GLC10; NT-5; NT-4; Neurotrophin-4; Neurotrophin-5; Neurotrophic factor 4

## Application Instructions

Assay Time ~ 5 hours

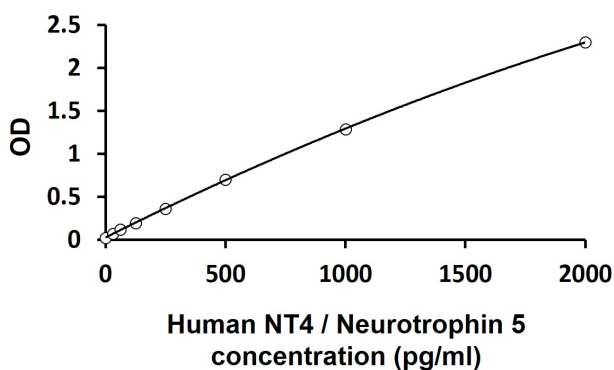
## Properties

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	NTF4
Gene Full Name	neurotrophin 4
Background	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, Jul 2008]
Function	Target-derived survival factor for peripheral sensory sympathetic neurons. [UniProt]
Highlight	Related products: <a href="#">Neurotrophin antibodies</a> ; <a href="#">Neurotrophin ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>

## Images



ARG81416 Human NT4 / Neurotrophin 5 ELISA Kit standard curve image

ARG81416 Human NT4 / Neurotrophin 5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.