

Product datasheet

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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 N14 / Neurotrophin 5 ELISA RIT is an Enzyme Immunoassay RIT 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 μΙ 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; Neutrophic

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]

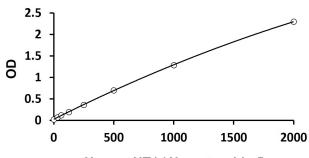
Function Target-derived survival factor for peripheral sensory sympathetic neurons. [UniProt]

Highlight Related products:

Neurotrophin antibodies; Neurotrophin ELISA Kits;

New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



Human NT4 / Neurotrophin 5 concentration (pg/ml)

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.