

Product datasheet

info@arigobio.com

ARG82704 Human TrkC ELISA Kit

Package: 96 wells Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82704-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82704-002	Standard	2 X 10 ng/vial	4°C
ARG82704-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82704-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG82704-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82704-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG82704-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82704-008	25X Wash buffer	20 ml	4°C
ARG82704-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82704-010	STOP solution	10 ml (Ready to use)	4°C
ARG82704-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82704 Human TrkC ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TrkC in serum, plasma (EDTA, heparin) and cell culture supernatants.			
Tested Reactivity	Hu			
Tested Application	ELISA			
Target Name	TrkC			
Conjugation	HRP			
Conjugation Note	gation Note Substrate: TMB and read at 450 nm.			
Sensitivity	sitivity 78 pg/ml			
Sample Type	le Type Serum, plasma (EDTA, heparin) and cell culture supernatants.			
Standard Range	ard Range 156 - 10000 pg/ml			
Sample Volume 100 μl				
Precision	Intra-Assay CV: 6.1% Inter-Assay CV: 7.2%			

receptor; GP145-TrkC; EC 2.7.10.1; gp145(trkC)

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

NTRK3

Gene Full Name

neurotrophic tyrosine kinase, receptor, type 3

Background

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

Function

Receptor for neurotrophin-3 (NT-3). This is a tyrosine-protein kinase receptor. Known substrates for the trk receptors are SHC1, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties. [UniProt]

p - p - - - - - t - - - -

Highlight

Related products:

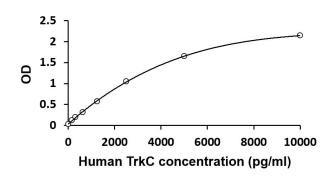
<u>Trk antibodies</u>; <u>Trk ELISA Kits</u>; New ELISA data calculation tool: <u>Simplify the ELISA analysis by GainData</u>

PTM

Ligand-mediated auto-phosphorylation. [UniProt]

Cellular Localization

Membrane; Single-pass type I membrane protein. [UniProt]



ARG82704 Human TrkC ELISA Kit standard curve image

ARG82704 Human TrkC ELISA Kit results of a typical standard run with optical density reading at 450 nm.