

ARG81517 Human Tenascin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81517-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81517-002	Standard	2 X 10 ng/vial	4°C
ARG81517-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81517-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81517-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81517-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81517-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81517-008	25X Wash buffer	20 ml	4°C
ARG81517-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81517-010	STOP solution	10 ml (Ready to use)	4°C
ARG81517-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81517 Human Tenascin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Tenascin in serum, plasma (heparin, EDTA), urine and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Tenascin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	46.85 pg/ml
Sample Type	Serum, plasma (heparin, EDTA), urine and cell culture supernatants.
Standard Range	93.7 - 6000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.4% Inter-Assay CV: 7.3%
Alternate Names	Cytotactin; HXB; DFNA56; Myotendinous antigen; Hexabrachion; GP; Tenascin-C; Neuronectin; GMEM; TN; 150-225; JI; TN-C; GP 150-225; Glioma-associated-extracellular matrix antigen; Tenascin

Application Instructions

Assay Time ~ 5 hours

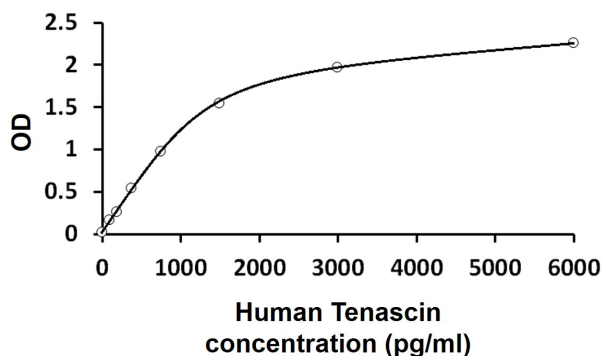
Properties

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	TNC
Gene Full Name	tenascin C
Background	This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011]
Function	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6. [UniProt]
Highlight	Related products: Tenascin antibodies ; Tenascin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81517 Human Tenascin ELISA Kit standard curve image

ARG81517 Human Tenascin ELISA Kit results of a typical standard run with optical density reading at 450 nm.