

Human Tenascin-C/TNC PicoKine ELISA Kit | TNC elisa kit

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CATALOG #
AAA46210

REACTIVITY
Human

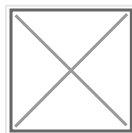
PRODUCT SYNONYMS

Tenascin-C/TNC PicoKine; Human Tenascin-C/TNC PicoKine ELISA Kit; Tenascin; 150 225; Cytotactin; Glioma associated extracellular matrix antigen; Glioma-associated-extracellular matrix antigen; GMEM; GP 150 225; GP 150-225 GP; Hexabrachion; HXB; JI; MGC167029; Miotendinous antigen; Myotendinous antigen; Neuronectin; TENA_HUMAN; Tenascin-C; Tenascin-C isoform 14/AD1/16; TenascinC; TN; TN C; TN-C; TNC ; tenascin C; TNC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human Tenascin-C
Sequence Length	2201
Samples	Cell culture supernates, serum, plasma (heparin, EDTA) and urine
Assay Type	Quantitative Sandwich
Detection Range	93.7pg/ml-6000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

Human Tenascin-C PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNC elisa kit	Principle of the Assay: The human Tenascin-C ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Tenascin-C has been precoated onto 96-well plates. Standards (Expression system for standard: NSO, Immunogen sequence: G23-P625) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Tenascin-C is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution The density of yellow is proportional to the human Tenascin-C amount of sample captured in plate. Background: Tenascin C (TN-C) is a glycoprotein that in humans is encoded by the TNC gene. It is expressed in the extracellular matrix of various tissues during development, disease or injury, and in restricted neurogenic areas of the central nervous system. Tenascin-C is the founding member of the gene family (Tenascin). In the embryo it is made by migrating cells like the neural crest; it is also abundant in developing tendons, bone and cartilage. TN-C clearly plays a role in cell signaling as evidenced by its ability to be induced during events such as trauma, inflammation, or cancer development. Also, TN-C is important in regulating cell proliferation and migration, especially during developmental differentiation and wound healing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153946395
NCBI GeneID	3371
NCBI Accession #	NP_002151.2
NCBI GenBank Nucleotide #	NM_002160.3
UniProt Accession #	P24821; Q14583; Q15567; Q5T7S3; C9IYT7; C9J575; C9J6D9; C9J848
Molecular Weight	171,360 Da
NCBI Official Full Name	tenascin
NCBI Official Synonym Full Names	tenascin C
NCBI Official Symbol	TNC
NCBI Official Synonym Symbols	GP; JI; TN; HXB; GMEM; TN-C; DFNA56; 150-225
NCBI Protein Information	tenascin
UniProt Protein Name	Tenascin
UniProt Gene Name	TNC
UniProt Synonym Gene Names	HXB; TN; TN-C
UniProt Entry Name	TENA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tenascin-c-tnc-picokine/46210>