

Mouse Tenascin (TNC) ELISA Kit | TNC elisa kit

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CATALOG #
AAA332150

REACTIVITY
Mouse

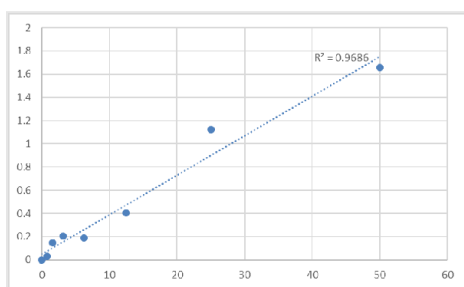
PRODUCT SYNONYMS

Tenascin (TNC); Mouse Tenascin (TNC) ELISA Kit; TNC; HXB; MGC167029; TN; hexabrachion (tenascin C; cytotactin); hexabrachion (tenascin); tenascin C (hexabrachion); TNC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tenascin (TNC) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNC. No significant cross-reactivity or interference between Mouse TNC and analogues was observed.
Sequence Length	2110
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tenascin (TNC) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNC elisa kit	Description: This Mouse Tenascin (TNC) ELISA Kit employs a two-site sandwich ELISA to quantitate TNC in samples. An antibody specific for TNC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNC is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNC bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TNC 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81895444
NCBI GeneID	21923
UniProt Accession #	Q80YX1
NCBI Official Full Name	Tenascin
NCBI Official Synonym Full Names	tenascin C
NCBI Official Symbol	Tnc
NCBI Official Synonym Symbols	TN; Hxb; Ten; TN-C; AI528729; cytotactin; tenascin-C; C130033P17Rik
NCBI Protein Information	tenascin
UniProt Protein Name	Tenascin
UniProt Gene Name	Tnc
UniProt Synonym Gene Names	TN; TN-C
UniProt Entry Name	TENA_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/tenascin-tnc/332150>