

Rat Tenascin ELISA Kit | TN elisa kit

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CATALOG #
AAA86541

REACTIVITY
Rat

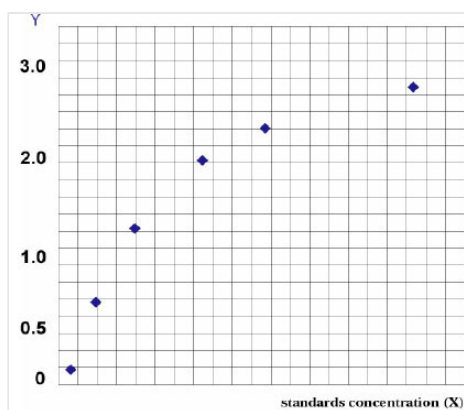
PRODUCT SYNONYMS

Tenascin; Rat Tenascin ELISA Kit; TN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TN elisa kit

Intended Uses: This TN ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of TN in the sample, this TN ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus TN concentration. The concentration of TN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This TN enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for TN. Standards or samples are then added to the microtiter plate wells and TN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TN are added to each well to "sandwich" the TN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TN and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	292826
NCBI GeneID	3371
Molecular Weight	171,360 Da
NCBI Official Full Name	tenascin, partial
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; GP 150-225; cytotactin; neuronectin; myotendinous antigen; hexabrachion (tenascin); tenascin-C isoform 14/AD1/16; tenascin-C additional domain 1; deafness, autosomal dominant 56; glioma-associated-extracellular matrix antigen
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tn-rat-elisa-kits/tenascin/86541>