

Human Tenascin C ELISA Kit | TNC elisa kit

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CATALOG #
AAA16151

REACTIVITY
Human

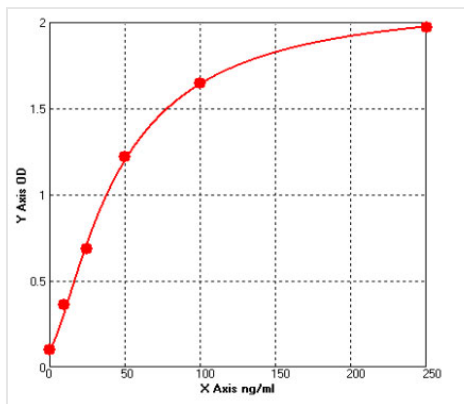
PRODUCT SYNONYMS

Tenascin C; Human Tenascin C ELISA Kit; TNC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNC. No significant cross-reactivity or interference between TNC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TNC and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNC elisa kit	Principle of the Assay: TNC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TNC. Standards or samples are then added to the microtiter plate wells and TNC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TNC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TNC are added to each well to "sandwich" the TNC immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TNC and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNC concentration in each sample is interpolated from this standard curve. Intended Uses: This TNC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TNC. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for TNC elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1842130
Molecular Weight	9,764 Da
NCBI Official Full Name	tenascin-C, partial
UniProt Protein Name	Tenascin-C
UniProt Entry Name	Q99857_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://www.aaabiotech.com/tnc-human-elisa-kits/tenascin-c/16151>