

Rat Tenascin-C (TN-C) ELISA Kit | TN-C elisa kit

Rat Tenascin-C, TN-C ELISA Kit

CATALOG #
AAA80402

REACTIVITY
Rat

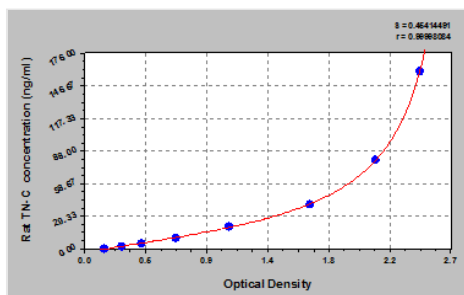
PRODUCT SYNONYMS

Tenascin-C (TN-C); Rat Tenascin-C; TN-C ELISA Kit; Rat Tenascin-C (TN-C) ELISA Kit; TN-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	91
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TN-C elisa kit

Introduction: Tenascin, also known as hexabrachion and cytotactin, is an extracellular matrix protein with a spatially and temporally restricted tissue distribution. It is a hexameric, multidomain protein with disulfide linked subunits of 190 to 240 kD, originally characterized as myotendinous antigen. In the embryo it is present in dense mesenchyme surrounding developing epithelia, in tendon anlagen, and in developing cartilage and bone. In the adult tenascin remains present in tendons and myotendinous junctions in the perichondrium and periosteum, as well as in smooth muscle.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TN-C. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for TN-C and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain TN-C, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of TN-C in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1842130
UniProt Accession #	Q99857
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://stage.aaabiotech.com/rat-elisa-kits/tenascin-c-tn-c/80402>