

Porcine Tenascin C ELISA Kit | TNC elisa kit

Porcine Tenascin C ELISA Kit

CATALOG #
AAA89989

REACTIVITY
Porcine

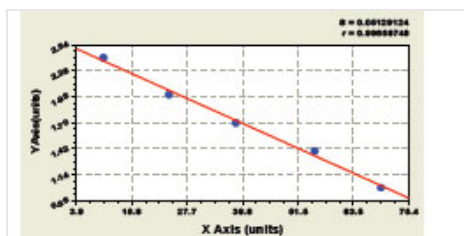
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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

Intended Uses: This TNC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TNC. This ELISA kit for research use only!

Principle of the Assay||TNC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TNC antibody and an TNC-HRP conjugate. The assay sample and buffer are incubated together with TNC-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TNC concentration since TNC from samples and TNC-HRP conjugate compete for the anti-TNC antibody binding site. Since the number of sites is limited, as more sites are occupied by TNC from the sample, fewer sites are left to bind TNC-HRP conjugate. 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/tnc-porcine-elisa-kits/tenascin-c/89989>