

Rat tenascin-R ELISA Kit | TN-R elisa kit

Rat tenascin-R ELISA Kit

CATALOG #
AAA83897

REACTIVITY
Rat

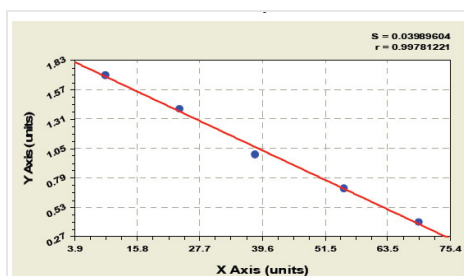
PRODUCT SYNONYMS

tenascin-R; Rat tenascin-R ELISA Kit; tenascin-R (Rat); TN-R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TER ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TER. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TN-R elisa kit

Principle of the assay: TER ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TER antibody and an TER-HRP conjugate. The assay sample and buffer are incubated together with TER-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 TER concentration since TER from samples and TER-HRP conjugate compete for the anti-TER antibody binding site. Since the number of sites is limited, as more sites are occupied by TER from the sample, fewer sites are left to bind TER-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TER concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TN-R elisa kit

Rat ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	157384973
NCBI GeneID	7143
NCBI Accession #	NP_003276.3
NCBI GenBank Nucleotide #	NM_003285.2
UniProt Accession #	Q92752; Q15568; Q5R3G0; C9J563
Molecular Weight	149,562 Da
NCBI Official Full Name	tenascin-R
NCBI Official Synonym Full Names	tenascin R
NCBI Official Symbol	TNR
NCBI Official Synonym Symbols	TN-R
NCBI Protein Information	tenascin-R; janusin; restrictin; tenascin R (restrictin, janusin)
UniProt Protein Name	Tenascin-R
UniProt Gene Name	TNR
UniProt Synonym Gene Names	TN-R
UniProt Entry Name	TENR_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/tn-r-rat-elisa-kits/tenascin-r/83897>