

Human Tenascin R ELISA Kit | TNR elisa kit

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CATALOG #
AAA85654

REACTIVITY
Human

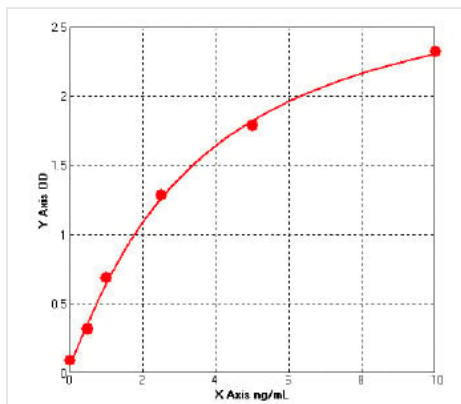
PRODUCT SYNONYMS

Tenascin R; Human Tenascin R ELISA Kit; TNR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNR. No significant cross-reactivity or interference between TNR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TNR and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNR elisa kit	Intended Uses: This TNR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TNR. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TNR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TNR. Standards or samples are then added to the microtiter plate wells and TNR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TNR present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TNR are added to each well to "sandwich" the TNR 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 TNR 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 TNR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TNR elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	157384973
NCBI GeneID	7143
NCBI Accession #	NP_003276.3
NCBI GenBank Nucleotide #	NM_003285.2
Molecular Weight	139,695 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
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.