

Rat Tenascin-R (TNR) ELISA Kit | TNR elisa kit

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CATALOG #
AAA330185

REACTIVITY
Rat

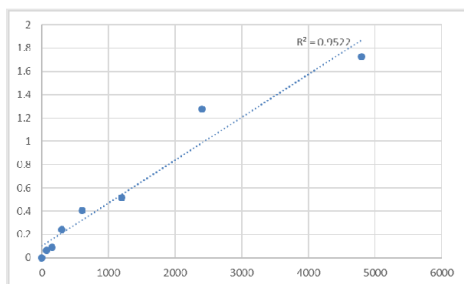
PRODUCT SYNONYMS

Tenascin-R (TNR); Rat Tenascin-R (TNR) ELISA Kit; TNR; RP3-518E13.1; MGC149328; TN-R; OTTHUMP00000032802; tenascin R; TNR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Tenascin-R (TNR) ELISA Kit has high sensitivity and excellent specificity for detection of Rat TNR. No significant cross-reactivity or interference between Rat TNR and analogues was observed.
Sequence Length	1356
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Rat Tenascin-R (TNR) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNR elisa kit	Description: This Rat Tenascin-R (TNR) ELISA Kit employs a two-site sandwich ELISA to quantitate TNR in samples. An antibody specific for TNR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNR bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tenascins are extracellular matrix glycoproteins. They are abundant in the extracellular matrix of developing vertebrate embryos and they reappear around healing wounds and in the stroma of some tumors. Tenascin-R is a tenascin gene. Tenascin-R is found in the developing and adult nervous system. Tenascin-R (TNR) is an extracellular matrix protein expressed primarily in the central nervous system. It is a member of the tenascin (TN) gene family, which includes at least 3 genes in mammals: TNC (or hexabrachion), TNX (TNXB), and TNR (Erickson, 1993). The genes are expressed in distinct tissues at different times during embryonic development and are present in adult tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981668
NCBI GeneID	25567
NCBI Accession #	NP_037177.1
NCBI GenBank Nucleotide #	NP_037177.1
UniProt Accession #	Q05546
NCBI Official Full Name	tenascin-R
NCBI Official Synonym Full Names	tenascin R
NCBI Official Symbol	Tnr
NCBI Official Synonym Symbols	J1NRM
NCBI Protein Information	tenascin-R
UniProt Protein Name	Tenascin-R
UniProt Gene Name	Tnr
UniProt Synonym Gene Names	TN-R
UniProt Entry Name	TENR_RAT

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.