

Rat Cross-linked N-terminal Telopeptides of type I collagen ELISA Kit | NTx elisa kit

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CATALOG #
AAA81837

REACTIVITY
Rat

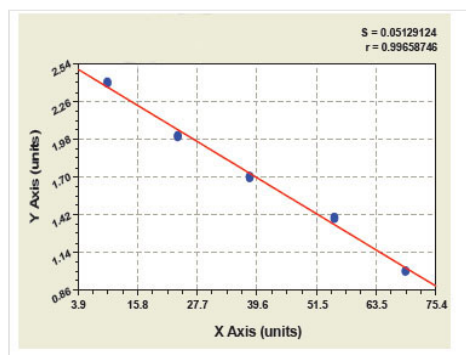
PRODUCT SYNONYMS

Cross-linked N-terminal Telopeptides of type I collagen; Rat Cross-linked N-terminal Telopeptides of type I collagen ELISA Kit; NTx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250nM BCE
Sensitivity	1.0 nM BCE
Intended Uses	This INTP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat INTP. 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 NTx elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4579738
Molecular Weight	146,743 Da
NCBI Official Full Name	NTX, partial
UniProt Protein Name	NTX
UniProt Gene Name	ntx
UniProt Entry Name	Q9QTG7_CBDP

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.