

Canine Cross-linked N-telopeptides of collagen type 1 ELISA Kit | NTx elisa kit

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CATALOG #
AAA93153

REACTIVITY
Canine

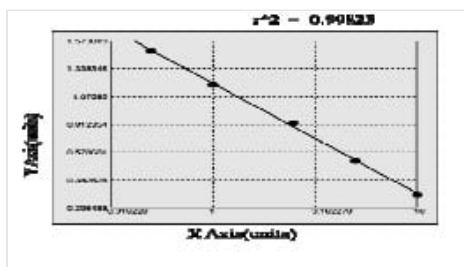
PRODUCT SYNONYMS

Cross-linked N-telopeptides of collagen type 1; Canine Cross-linked N-telopeptides of collagen type 1 ELISA Kit; NTx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250nmol/L
Sensitivity	1.0nmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NTx elisa kit

Intended Uses: This NTx-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine NTx-1. This ELISA kit for research use only!

Principle of the Assay||NTx-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NTx-1 antibody and an NTx-1-HRP conjugate. The assay sample and buffer are incubated together with NTx-1-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 NTx-1 concentration since NTx-1 from samples and NTx-1-HRP conjugate compete for the anti-NTx-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NTx-1 from the sample, fewer sites are left to bind NTx-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NTx-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NTx elisa kit

Cell Biology

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.

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Online datasheet: <https://stage.aaabiotech.com/ntx-canine-elisa-kits/cross-linked-n-telopeptides-of-collagen-type-1/93153>