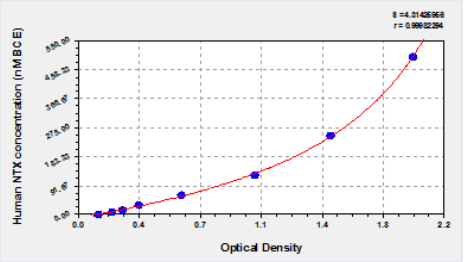
Cross Linked N-Telopeptide of Type 1 Collagen, NTX (NTX) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	cross linked N-telopeptide of type I collagen, NTX, ELISA Kit
Full Product Name	Human cross linked N-telopeptide of type I collagen, NTX ELISA Kit
Product Gene Name	NTX elisa kit
Product Synonym Names	Human cross linked N-telopeptide of type I collagen; NTX ELISA Kit; cross linked N-telopeptide of type I collagen; NTX
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine.
Detection Range	7.8 nM BCE-500 nM BCE
Sensitivity	< 1.95 nM BCE
Specificity	This assay has high sensitivity and excellent specificity for detection of human NTX. No significant cross-reactivity or interference between human NTX and analogues was observed.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Molecular Weight	146,743 Da
3D Structure	ModBase 3D Structure for Q9QTG7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NTX elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NTX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NTX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NTX is added to the wells. After washing, avidin 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 NTX bound in the initial step. The color development is stopped and the intensity of the color is measured.
Other Notes	Small volumes of NTX elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NTX purchase	MBS705111 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the cross linked N-telopeptide of type I collagen, NTX, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing NTX. The ELISA analytical biochemical technique of the MBS705111 kit is based on NTX antibody-NTX antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect NTX antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, NTX. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of NTX elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NTX. It may not necessarily be applicable to this product.

NCBI GI #	4579738
NCBI Accession #	BAA75084.1
UniProt Primary Accession #	Q9QTG7
NCBI Official Full Name	NTX, partial
UniProt Protein Name	NTX
UniProt Synonym Protein Names	NTX
UniProt Gene Name	ntx
UniProt Entry Name	Q9QTG7_CBDP
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/human-elisa-kits/cross-linked-n-telopeptide-of-type-i-collagen-ntx/705111