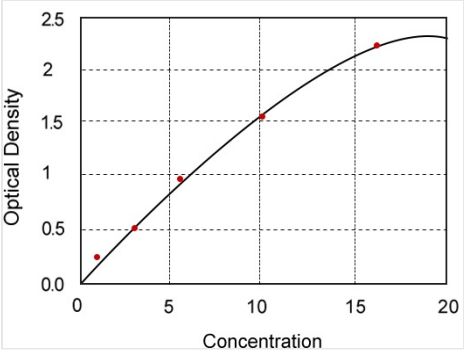
Cross-Linked C-Terminal Telopeptides of Type II Collagen (CTX-II) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cross-Linked C-Terminal Telopeptides of Type II Collagen (CTX-II), ELISA Kit
Full Product Name	Human Cross-Linked C-Terminal Telopeptides of Type II Collagen (CTX-II) ELISA Kit
Product Gene Name	CTX-II elisa kit
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.021ng/ml
Preparation and Storage	Store at 2 to 8 degree C for 6 months.
Intra-Assay	CV<8%
Inter-Assay	CV<10%
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CTX-II elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cross-Linked C-Terminal Telopeptides of Type II Collagen (also known as CTX-II) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CTX-II antibody. CTX-II present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CTX-II Antibody is added and binds to CTX-II in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTX-II antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CTX-II. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
Other Notes	Small volumes of CTX-II 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 CTX-II purchase	MBS167046 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cross-Linked C-Terminal Telopeptides of Type II Collagen (CTX-II) 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 CTX-II. The ELISA analytical biochemical technique of the MBS167046 kit is based on CTX-II antibody-CTX-II antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CTX-II antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CTX-II. 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 CTX-II elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/human-elisa-kits/cross-linked-c-terminal-telopeptides-of-type-ii-collagen-ctx-ii/167046