

Human CTX-II ELISA Kit | CTX-II elisa kit

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CATALOG #
AAA281500

REACTIVITY
Human

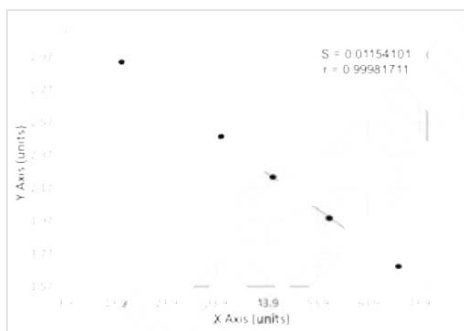
PRODUCT SYNONYMS

CTX-II; Human CTX-II ELISA Kit; Human Cross-linked C-terminal Telopeptides of type II collagen; CTX-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for the detection of Cross-linked C-terminal Telopeptides of type II collagen. No significant cross-reactivity or interference between Cross-linked C-terminal Telopeptides of type II collagen and any homologous proteins assayed has been observed. Cross-reactivity with other species has not been specifically determined.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, tissue homogenate, body fluid
Sensitivity	1.0pg/ml
Preparation and Storage	Store at 4 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CTX-II elisa kit

Principle of the Assay: The Cross-linked C-terminal Telopeptides of type II collagen ELISA is a quantitative competitive immunoassay. The plate provided is coated with Cross-linked C-terminal Telopeptides of type II collagen specific antibody. Standards and experimental samples are co-incubated in wells along with Cross-linked C-terminal Telopeptides of type II collagen-HRP conjugate. Cross-linked C-terminal Telopeptides of type II collagen in standards and samples competes with the Crosslinked C-terminal Telopeptides of type II collagen-HRP conjugate for binding to the plate-bound antibody. Higher levels of Cross-linked C-terminal Telopeptides of type II collagen from standards or samples lead to decreased Crosslinked C-terminal Telopeptides of type II collagen-HRP conjugate binding and thus reduced signal. Captured Crosslinked C-terminal Telopeptides of type II collagen-HRP is quantitatively detected by incubation with HRP substrates (substrates A and B). Binding of the Cross-linked C-terminal Telopeptides of type II collagen-HRP is visualized by production of colorimetric reaction products that can be quantitatively measured by EMR absorbance at 450nm.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ctx-ii/281500>