

Rat C-telopeptide of type II collagen, CTX-II ELISA Kit | CTX-II elisa kit

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CATALOG #
AAA15066

REACTIVITY
Rat

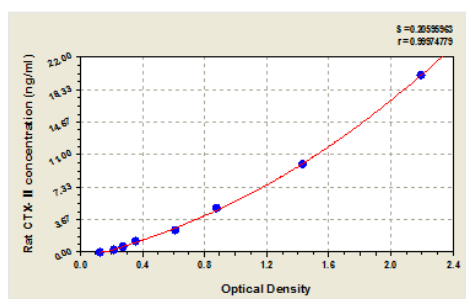
PRODUCT SYNONYMS

C-telopeptide of type II collagen; CTX-II; Rat C-telopeptide of type II collagen; CTX-II ELISA Kit; CTX-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CTX-II. No significant cross-reactivity or interference between rat CTX-II and analogues was observed.
Samples	Serum, plasma, tissue homogenates.
Assay Type	Quantitative Sandwich
Sensitivity	Typically less than 0.078 ng/ml.
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.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CTX-II elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTX-II has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTX-II present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTX-II 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 CTX-II bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/rat-elisa-kits/c-telopeptide-of-type-iicollagen-ctx-ii/15066>