

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

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CATALOG #
AAA281506

REACTIVITY
Sheep

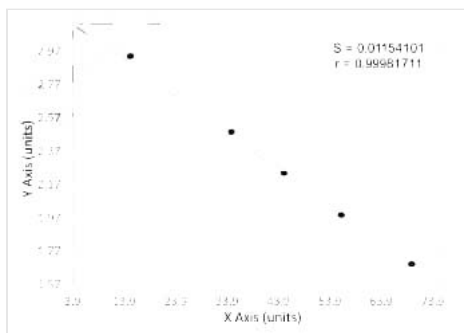
PRODUCT SYNONYMS

CTX-II; Sheep CTX-II ELISA Kit; Sheep Cross-linked C-terminal Telopeptides of type II collagen (CTX-2); CTX-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for the detection of CTX2. No significant cross-reactivity or interference between CTX2 and any homologous proteins assayed has been observed. Cross-reactivity with other species has not been specifically determined.
Samples	Serum, plasma, cell culture supernatants, tissue homogenate, body fluid
Assay Type	Quantitative Competitive
Sensitivity	~1.0 pg/ml
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTX-II elisa kit

Principle of the Assay: The CTX2 ELISA is a quantitative competitive immunoassay. The plate provided is coated with a CTX2 specific antibody. Standards and experimental samples are co-incubated in wells along with a CTX2-HRP conjugate. CTX2 in standards and samples competes with the CTX2-HRP conjugate for binding to the plate-bound antibody. Higher levels of CTX2 from standards or samples lead to decreased CTX2-HRP conjugate binding and thus reduced signal. Captured CTX2-HRP is quantitatively detected by incubation with HRP substrates (substrates A and B). Binding of the CTX2-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.