

Rabbit Connective tissue-activating peptide III ELISA Kit | CTAP III elisa kit

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CATALOG #
AAA83003

REACTIVITY
Rabbit

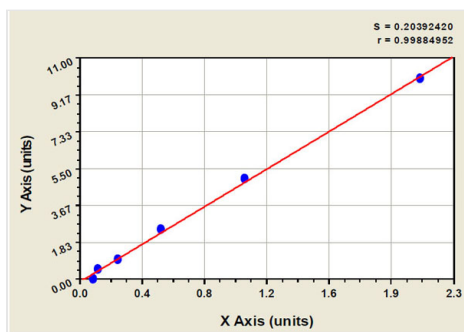
PRODUCT SYNONYMS

Connective tissue-activating peptide III; Rabbit Connective tissue-activating peptide III ELISA Kit; CTAP III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CTAP III ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CTAP III. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTAP III elisa kit

Principle of the assay: CTAP III ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CTAP III. Standards or samples are then added to the microtiter plate wells and CTAP III if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CTAP III present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CTAP III are added to each well to "sandwich" the CTAP III immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CTAP III and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTAP III concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209574
NCBI Official Full Name	connective tissue activating peptide III

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.

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Online datasheet: <https://stage.aaabiotech.com/ctap-iii-rabbit-elisa-kits/connective-tissue-activating-peptide-iii/83003>