Monkey C terminal Telopeptides of type I collagen (ICTP) ELISA Kit | ICTP elisa kit

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CATALOG #	REACTIVITY
AAA17007	**Monkey**

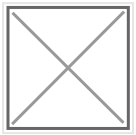
PRODUCT SYNONYMS

C terminal Telopeptides of type I collagen (ICTP); Monkey C terminal Telopeptides of type I collagen (ICTP) ELISA Kit; ICTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of ICTP. No significant cross-reactivity or interference between ICTP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ICTP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICTP elisa kit	Intended Uses: This ICTP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MonkeyICTP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ICTP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ICTP antibody and an ICTP-HRP conjugate. The assay sample and buffer are incubated together with ICTP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ICTP concentration since ICTP from samples and ICTP-HRP conjugate compete for the anti-ICTP antibody binding site. Since the number of sites is limited, as more sites are occupied by ICTP from the sample, fewer sites are left to bind ICTP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ICTP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ICTP elisa kit	Cardiovascular

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/monkey-elisa-kits/c-terminal-telopeptides-of-type-I-collagen-ictp/17007