

Human Cross-linked C-terminal telopeptide of Collagen alpha-1(I) chain ELISA Kit | ICTP elisa kit

Human Cross-linked C-terminal telopeptide of Collagen alpha-1(I) chain ELISA Kit

CATALOG # AAA194328	REACTIVITY Human
-------------------------------	----------------------------

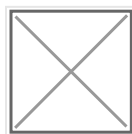
PRODUCT SYNONYMS

Cross-linked C-terminal telopeptide of Collagen alpha-1(I) chain; Human Cross-linked C-terminal telopeptide of Collagen alpha-1(I) chain ELISA Kit; ICTP; ICTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human ICTP. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.15-10.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICTP elisa kit	<p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Cross-linked C-terminal telopeptide of Collagen alpha-1(I) chain, ICTP concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.</p> <p>Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to ICTP. During the reaction, ICTP in the sample or standard competes with a fixed amount of biotin-labeled ICTP for sites on a pre-coated Monoclonal antibody specific to ICTP. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of ICTP in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
--	--

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.