

# ELISA Kit for Cross Linked C-Telopeptide Of Type III Collagen (CTXIII)

## Catalog No: tcue203



### Available Sizes

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**Size:** 96T



### Specifications

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**Research Area:**

Metabolic pathway; Nutrition metabolism; Bone metabolism;

**Species Reactivity:**

Homo sapiens (Human)

**Sample Type:**

Serum, plasma and other biological fluids

**Sensitivity:**

The minimum detectable dose of this kit is typically less than 46.8pg/mL

**Detection Range:**

123.5-10,000pg/mL

**Assay Time:**

2h

**Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

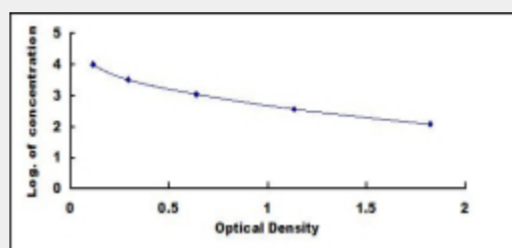
**Tested Application:**

ELISA

### Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Cross Linked C-Telopeptide Of Type III Collagen (CTXIII) has been pre-coated onto a microplate. A competitive inhibition reaction is launched

between biotin labeled Cross Linked C-Telopeptide Of Type III Collagen (CTXIII) and unlabeled Cross Linked C-Telopeptide Of Type III Collagen (CTXIII) (Standards or samples) with the pre-coated antibody specific to Cross Linked C-Telopeptide Of Type III Collagen (CTXIII). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Cross Linked C-Telopeptide Of Type III Collagen (CTXIII) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Cross Linked C-Telopeptide Of Type III Collagen (CTXIII) in the sample.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!