
C-telopeptide Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350141

Unit: 1 mg

Description:

The C-telopeptide is an octapeptide corresponding to the C-terminus region (aa 1207-1214) of the alpha-1 chain of type 1 collagen. The presence of the C-telopeptide in urine samples is a good marker of osteoclast-mediated bone resorption observed in osteoporosis, Paget's disease, primary hyperparathyroidism, renal insufficiency and bone metastases.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: C-terminal telopeptide; C-telopeptide; CTX; beta-CTX; beta-crosslaps; collagen alpha-1(I) chain

Accession No.: P02452

MW: 868.91 g/mol

Sequence: H-Glu-Lys-Ala-His-Asp-Gly-Gly-Arg-OH or H-EKAHDGGR-OH

Composition: C34H56N14O13

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.