

Product Datasheet

Human Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) NBP2-76465

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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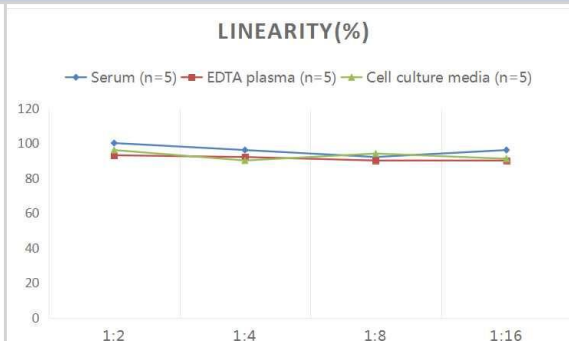
NBP2-76465**Human Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	1277
Species	Human
Specificity/Sensitivity	The Human Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) recognizes Human P1NP in samples. No significant cross-reactivity or interference between Human P1NP and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	15.63 - 1000 pg/mL
Sensitivity	9.38 pg/mL
Inter Assay	CV% < 5.07%
Intra Assay	CV% < 5.05%
Assay Type	Sandwich-ELISA
Spiking Recovery	85-103%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

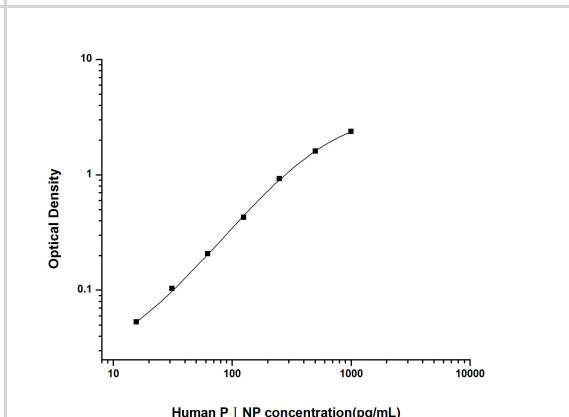


Images

ELISA: Human Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) [NBP2-76465] - Samples were spiked with high concentrations of Human Procollagen Type 1 N-Terminal Propeptide and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) [NBP2-76465] - Standard Curve Reference



Publications

Kristen J. Koltun, Adam J. Sterczala, Nicole M. Sekel, Kellen T. Krajewski, Brian J. Martin, Mita Lovalekar, Christopher Connaboy, Shawn D. Flanagan, Sophie L. Wardle, Thomas J. O'Leary, Julie P. Greeves, Bradley C. Nindl Effect of acute resistance exercise on bone turnover in young adults before and after concurrent resistance and interval training *Physiological Reports* 2024-01-31 [PMID: 38296351]

Zheng SW, Sun CH, Wen ZJ et al. Decreased serum CXCL12/SDF-1 concentrations may reflect disease severity of non-traumatic osteonecrosis of femoral head *Clinica chimica acta; international journal of clinical chemistry* 2022-02-17 [PMID: 35183527]



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Products Related to NBP2-76465

7754-BH-005/CF	TGF-beta 1 [Unconjugated]
M6000B-1	IL-6 [HRP]
291-G1-200	IGF-I/IGF-1 [Unconjugated]
AF808	Osteopontin/OPN Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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