

Product Datasheet

Mouse Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) NBP2-76466

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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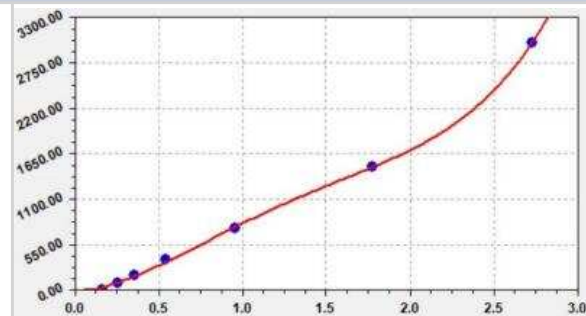
NBP2-76466**Mouse Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric)**

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	Mouse
Specificity/Sensitivity	The Mouse Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) recognizes Mouse P1NP in samples. No significant cross-reactivity or interference between Mouse 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	93.75 - 6000 pg/mL
Sensitivity	56.25 pg/mL
Inter Assay	CV% < 5.72%
Intra Assay	CV% < 5.05%
Assay Type	Sandwich-ELISA
Spiking Recovery	85-106%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

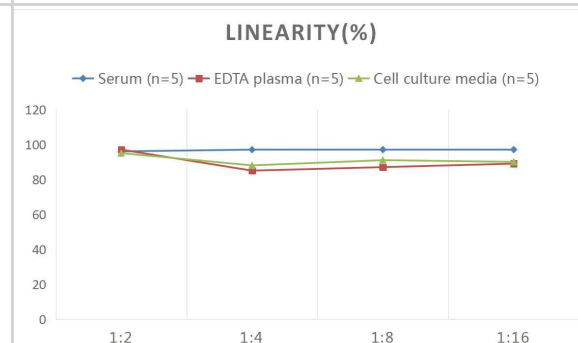


Images

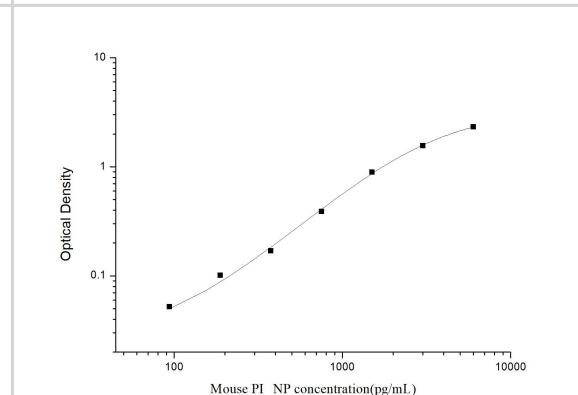
ELISA: Mouse Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) [NBP2-76466] - Standard curve. Image from verified customer review.



ELISA: Mouse Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) [NBP2-76466] - Samples were spiked with high concentrations of Mouse 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: Mouse Procollagen Type 1 N-Terminal Propeptide ELISA Kit (Colorimetric) [NBP2-76466] - Standard Curve Reference



Publications

Manisha Dixit, Leeann D Louis, Jelena Basta-Pljakic, Gozde Yildirim, Sher-Bahadur Poudel, Fancy Kumararaja, Edward O List, Silvana Ortiz Duran, John J Kopchick, Ryan R Ruff, Mitchell B Schaffler, Shoshana Yakar Lifelong Excess in GH Elicits Sexually Dimorphic Effects on Skeletal Morphology and Bone Mechanical Properties. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research* 2022-11-29 [PMID: 36069368]

Tongling Huang, Zhaocheng Lu, Zihui Wang, Lixin Cheng, Lu Gao, Jun Gao, Ning Zhang, Chang-An Geng, Xiaoli Zhao, Huaiyu Wang, Chi-Wai Wong, Kelvin W. K. Yeung, Haobo Pan, William Weijia Lu, Min Guan Targeting adipocyte ESRRA promotes osteogenesis and vascular formation in adipocyte-rich bone marrow *Nature Communications* 2024-05-04 [PMID: 38704393]

Huang T, Lu Z, Wang Z et al. Targeting adipocyte ESRRA promotes osteogenesis and vascular formation in adipocyte-rich bone marrow *bioRxiv* 2023-08-15 (ELISA)

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Sui B, Liu J, Zheng C et al. Targeted inhibition of osteoclastogenesis reveals the pathogenesis and therapeutics of bone loss under sympathetic neurostress *International journal of oral science* 2022-08-01 [PMID: 35915088]

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291-G1-200	IGF-I/IGF-1 [Unconjugated]
AF808	Osteopontin/OPN Antibody [Unconjugated]

Limitations

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