

Product Datasheet

Human Osteopontin/OPN ELISA Kit (Colorimetric) KA0407

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0407**Human Osteopontin/OPN 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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description	
Description	SPP1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human SPP1.
Gene ID	6696
Gene Symbol	SPP1
Species	Human
Kit Components	96-well plate precoated with anti- human OPN antibody, Lyophilized recombinant human OPN standard, Biotinylated anti- human OPN antibody, dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100, Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	156 to 10000 pg/mL
Sensitivity	<10 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant, Milk, Plasma (EDTA, Heparin), Serum, Urine
Sample Volume	100 uL

Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Publications

Fisher LW, McBride OW, Termine JD, Young MF. Human bone sialoprotein. Deduced protein sequence and chromosomal localization. J Biol Chem. 1990-02-05 [PMID: 2404984]

Kohri K, Suzuki Y, Yoshida K et al. Molecular cloning and sequencing of cDNA encoding urinary stone protein, which is identical to osteopontin. Biochem Biophys Res Commun. 1992-04-30 [PMID: 1575754]

Beck GR Jr, Zerler B, Moran E. Phosphate is a specific signal for induction of osteopontin gene expression. Proc Natl Acad Sci U S A. 2000-07-18 [PMID: 10890885]





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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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