

Human Bone Morphogenetic Protein 1 (BMP1) ELISA Kit | BMP1 elisa kit

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CATALOG #
AAA42335

REACTIVITY
Human

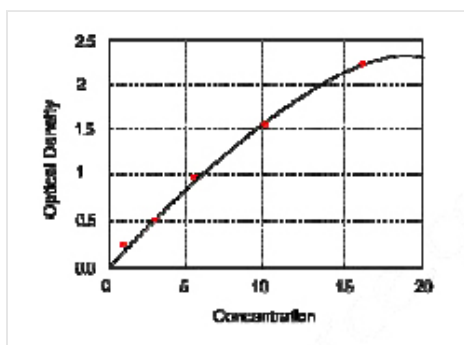
PRODUCT SYNONYMS

Bone Morphogenetic Protein 1 (BMP1); Human Bone Morphogenetic Protein 1 (BMP1) ELISA Kit; BMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	986
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1IU/L-400IU/L
Sensitivity	0.52IU/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Bone Alkaline Phosphatase (also known as BALP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human BALP antibody. BALP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BALP Antibody is added and binds to BALP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BALP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human BALP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13124688
NCBI GeneID	649
UniProt Accession #	P13497; Q13292; Q13872; Q14874; Q99421; Q99422; Q99423; Q9UL38; A8K6F5; B2RN46; D3DSR0
Molecular Weight	82,900 Da
NCBI Official Full Name	Bone morphogenetic protein 1
NCBI Official Synonym Full Names	bone morphogenetic protein 1
NCBI Official Symbol	BMP1
NCBI Official Synonym Symbols	PCP; TLD; OI13; PCP2; PCOLC
NCBI Protein Information	bone morphogenetic protein 1
UniProt Protein Name	Bone morphogenetic protein 1
UniProt Gene Name	BMP1
UniProt Synonym Gene Names	PCOLC; BMP-1; mTld; PCP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/bone-morphogenetic-protein-1-bmp1/42335>