

Mouse bone morphogenetic protein 1 ELISA Kit | BMP1 elisa kit

Mouse Bone morphogenetic protein 1, BMP1 ELISA Kit

CATALOG # AAA112367	REACTIVITY Mouse
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PRODUCT SYNONYMS

bone morphogenetic protein 1; Mouse Bone morphogenetic protein 1; BMP1 ELISA Kit; Mouse Bone morphogenetic protein 1 (BMP1) ELISA kit; FLJ44432; PCOLC; PCP; TLD; pCP-2; procollagen C-endopeptidase; procollagen C-proteinase; BMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse BMP1. No significant cross-reactivity or interference between mouse BMP1 and analogues was observed.
Sequence Length	991
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for BMP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BMP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BMP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BMP1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BMP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42734447
NCBI GeneID	12153
NCBI Accession #	NP_033885.2
NCBI GenBank Nucleotide #	NM_009755.3
UniProt Accession #	P98063; Q6NZM2

Molecular Weight	111,666 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
NCBI Protein Information	bone morphogenetic protein 1; procollagen C-proteinase; mammalian tolloid protein
UniProt Protein Name	Bone morphogenetic protein 1
UniProt Gene Name	Bmp1
UniProt Synonym Gene Names	BMP-1; mTld; PCP
UniProt Entry Name	BMP1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/bmp1-mouse-elisa-kits/bone-morphogenetic-protein-1/112367>