

Human bone morphogenetic protein 8b ELISA Kit | BMP8B elisa kit

Human Bone morphogenetic protein 8B, BMP8B ELISA Kit

CATALOG #
AAA18382

REACTIVITY
Human

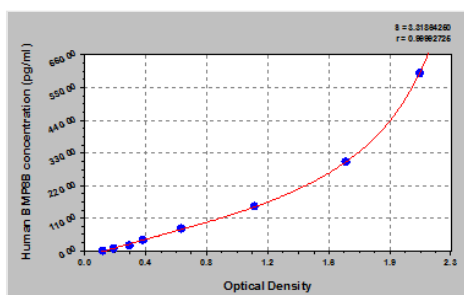
PRODUCT SYNONYMS

bone morphogenetic protein 8b; Human Bone morphogenetic protein 8B; BMP8B ELISA Kit; Human Bone morphogenetic protein 8B (BMP8B) ELISA kit; BMP8; MGC131757; OP2; bone morphogenetic protein 8 (osteogenic protein 2) ; bone morphogenetic protein 8B; dJ118J21.1 (bone morphogenetic protein 8 (osteogenic protein 2)) ; osteogenic protein 2; BMP8B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human BMP8B. No significant cross-reactivity or interference between human BMP8B and analogues was observed.
Sequence Length	402
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	9.37 pg/ml-600 pg/ml
Sensitivity	< 2.34 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP8B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BMP8B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BMP8B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BMP8B 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 BMP8B 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 #	29571106
NCBI GeneID	656
NCBI Accession #	NP_001711.2
NCBI GenBank Nucleotide #	NM_001720.3
UniProt Accession #	P34820; Q53ZM7; Q9NUF0
Molecular Weight	44,768 Da
NCBI Official Full Name	bone morphogenetic protein 8B preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 8b
NCBI Official Symbol	BMP8B
NCBI Official Synonym Symbols	OP2; BMP8
NCBI Protein Information	bone morphogenetic protein 8B; BMP-8; BMP-8B; osteogenic protein 2; bone morphogenetic protein 8 (osteogenic protein 2); dJ118J21.1 (bone morphogenetic protein 8 (osteogenic protein 2))
UniProt Protein Name	Bone morphogenetic protein 8B
UniProt Gene Name	BMP8B
UniProt Synonym Gene Names	BMP8; BMP-8; BMP-8B; OP-2
UniProt Entry Name	BMP8B_HUMAN

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/bmp8b-human-elisa-kits/bone-morphogenetic-protein-8b/18382>