

Human bone morphogenetic protein 3 ELISA Kit | BMP3 elisa kit

Human Bone morphogenetic protein 3, BMP3 ELISA Kit

CATALOG #
AAA113025

REACTIVITY
Human

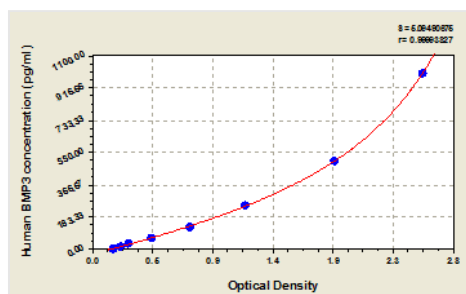
PRODUCT SYNONYMS

bone morphogenetic protein 3; Human Bone morphogenetic protein 3; BMP3 ELISA Kit; Human Bone morphogenetic protein 3 (BMP3) ELISA kit; BMP-3A; bone morphogenetic protein 3 (osteogenic) ; bone morphogenetic protein-3; osteogenin; BMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human BMP3. No significant cross-reactivity or interference between human BMP3 and analogues was observed.
Sequence Length	472
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 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 BMP3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BMP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BMP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BMP3 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 BMP3 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 #	126507087
NCBI GeneID	651
NCBI Accession #	NP_001192.2
NCBI GenBank Nucleotide #	NM_001201.2
UniProt Accession #	P12645; Q4VAS5
Molecular Weight	53,372 Da
NCBI Official Full Name	bone morphogenetic protein 3 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 3
NCBI Official Symbol	BMP3
NCBI Official Synonym Symbols	BMP-3A
NCBI Protein Information	bone morphogenetic protein 3; BMP-3; osteogenin; bone morphogenetic protein-3; bone morphogenetic protein 3A; bone morphogenetic protein 3 (osteogenic)
UniProt Protein Name	Bone morphogenetic protein 3
UniProt Gene Name	BMP3
UniProt Synonym Gene Names	BMP3A; BMP-3; BMP-3A
UniProt Entry Name	BMP3_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/bmp3-human-elisa-kits/bone-morphogenetic-protein-3/113025>