

Human Bone Morphogenetic Protein 3 (BMP3) ELISA Kit | BMP3 elisa kit

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CATALOG #
AAA42614

REACTIVITY
Human

PRODUCT SYNONYMS

Bone Morphogenetic Protein 3 (BMP3); Human Bone Morphogenetic Protein 3 (BMP3) ELISA Kit; BMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	472
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/ml
Intra-Assay	CV<8%
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 BMP3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Bone Morphogenetic Protein 3 (also known as BMP3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human BMP3 antibody. BMP3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BMP3 Antibody is added and binds to BMP3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP3 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 BMP3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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
UniProt Protein Name	Bone morphogenetic protein 3
UniProt Gene Name	BMP3
UniProt Synonym Gene Names	BMP3A; BMP-3; BMP-3A

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-3-bmp3/42614>