

Human BMP-3 ELISA Kit | BMP-3 elisa kit

Human BMP-3 (Bone Morphogenetic Protein 3) ELISA Kit

CATALOG #
AAA165022

REACTIVITY
Human

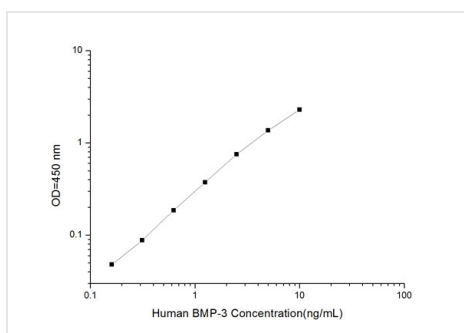
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human BMP-3. No significant cross-reactivity or interference between Human BMP-3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human BMP-3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	472
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP-3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BMP-3 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human BMP-3. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human BMP-3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human BMP-3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human BMP-3. You can calculate the concentration of Human BMP-3 in the samples by comparing the OD of the samples to the standard curve.
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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; bone morphogenetic protein 3 (osteogenic); bone morphogenetic protein 3A; bone morphogenetic protein-3; osteogenin
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.