

Human Bone morphogenetic protein 2, BMP-2 ELISA Kit | BMP-2 elisa kit

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CATALOG #
AAA41197

REACTIVITY
Human

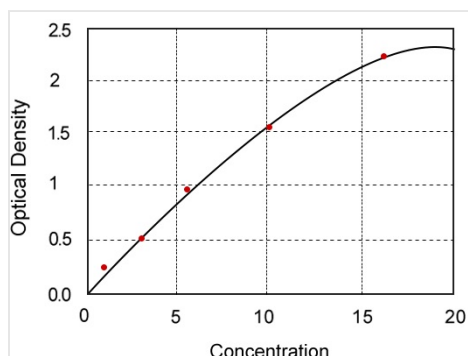
PRODUCT SYNONYMS

Bone morphogenetic protein 2; BMP-2; Human Bone morphogenetic protein 2; BMP-2 ELISA Kit; BMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	396
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.01ng/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 BMP-2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Bone Morphogenetic Protein 2 (also known as BMP-2) 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 BMP-2 antibody. BMP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BMP-2 Antibody is added and binds to BMP-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP-2 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 BMP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm

NCBI AND UNIPROT INFORMATION

NCBI GI #	6649952
NCBI GeneID	650
UniProt Accession #	P12643
Molecular Weight	44,702 Da
NCBI Official Full Name	bone morphogenetic protein 2
NCBI Official Synonym Full Names	bone morphogenetic protein 2
NCBI Official Symbol	BMP2
NCBI Official Synonym Symbols	BDA2; BMP2A; SSFSC
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	Bone morphogenetic protein 2
UniProt Gene Name	BMP2
UniProt Synonym Gene Names	BMP2A; BMP-2; BMP-2A

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://www.aaabiotech.com/human-elisa-kits/bone-morphogenetic-protein-2-bmp-2/41197>