

Bovine Bone Morphogenetic Protein 4 ELISA Kit | BMP4 elisa kit

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CATALOG #
AAA122943

REACTIVITY
Bovine

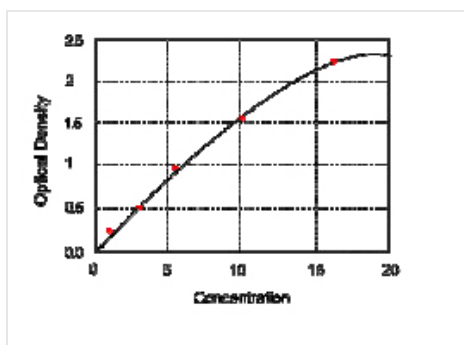
PRODUCT SYNONYMS

Bone Morphogenetic Protein 4; Bovine Bone Morphogenetic Protein 4 ELISA Kit; BMP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	408
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L-1000ng/L
Sensitivity	3.08ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 BMP4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Bone Morphogenetic Protein 2 (also known as BMP2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine BMP2 antibody. BMP2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine BMP2 Antibody is added and binds to BMP2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP2 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 Bovine BMP2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1122780682
NCBI GeneID	652
NCBI Accession #	NP_001334845.1
NCBI GenBank Nucleotide #	NM_001347916.1
UniProt Accession #	P12644
NCBI Official Full Name	bone morphogenetic protein 4 isoform a preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 4
NCBI Official Symbol	BMP4
NCBI Official Synonym Symbols	ZYME; BMP2B; OFC11; BMP2B1; MCOPS6
NCBI Protein Information	bone morphogenetic protein 4
UniProt Protein Name	Bone morphogenetic protein 4
UniProt Gene Name	BMP4
UniProt Synonym Gene Names	BMP2B; DVR4; BMP-4; BMP-2B
UniProt Entry Name	BMP4_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://www.aaabiotech.com/bovine-ovine-elisa-kits/bone-morphogenetic-protein-4/122943>