

Mouse Bone Morphogenetic Protein 2 (BMP2) ELISA Kit | BMP2 elisa kit

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CATALOG #
AAA41850

REACTIVITY
Mouse

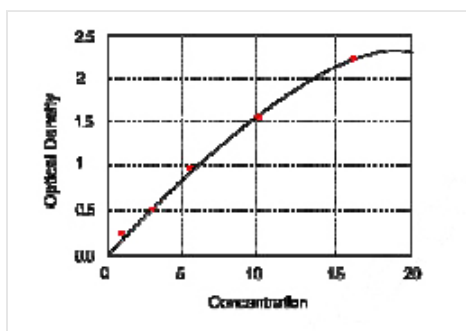
PRODUCT SYNONYMS

Bone Morphogenetic Protein 2 (BMP2); Mouse Bone Morphogenetic Protein 2 (BMP2) ELISA Kit; BMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	396
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml-60ng/ml
Sensitivity	0.11ng/ml
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 BMP2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Betatrophin (also known as Betatrophin) 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 Mouse Betatrophin antibody. Betatrophin present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse Betatrophin Antibody is added and binds to Betatrophin in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Betatrophin 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 Mouse Betatrophin. 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 #	459936808
NCBI GeneID	650
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/mouse-elisa-kits/bone-morphogenetic-protein-2-bmp2/41850>