

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

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CATALOG #
AAA42671

REACTIVITY
Rat

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	396
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.51ng/L
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 Rat Bone Morphogenetic Protein 2 (also known as BMP2) 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 Rat BMP2 antibody. BMP2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat BMP2. 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://stage.aaabiotech.com/rat-elisa-kits/bone-morphogenetic-protein-2-bmp-2/42671>