

Rat Bone morphogenetic protein 4, BMP-4 ELISA Kit | BMP-4 elisa kit

Rat Bone morphogenetic protein 4, BMP-4 ELISA Kit

CATALOG #
AAA43051

REACTIVITY
Rat

PRODUCT SYNONYMS

Bone morphogenetic protein 4; BMP-4; Rat Bone morphogenetic protein 4; BMP-4 ELISA Kit; BMP-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	408
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L - 600ng/L
Sensitivity	1.01ng/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-4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Bone Morphogenetic Protein 4 (also known as BMP-4) 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 BMP-4 antibody. BMP-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat BMP-4 Antibody is added and binds to BMP-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP-4 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 BMP-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157276597
NCBI GeneID	652
NCBI Accession #	NP_570912.2
NCBI GenBank Nucleotide #	NM_130851.3
UniProt Accession #	P12644; Q9UM80
Molecular Weight	46,555 Da
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/bone-morphogenetic-protein-4-bmp-4/43051>