

Rat Bone morphogenetic protein 10, BMP-10 ELISA Kit | BMP-10 elisa kit

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CATALOG #
AAA121243

REACTIVITY
Rat

PRODUCT SYNONYMS

Bone morphogenetic protein 10; BMP-10; Rat Bone morphogenetic protein 10; BMP-10 ELISA Kit; BMP-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	424
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.03ng/L - 300ng/L
Sensitivity	0.52ng/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-10 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Bone Morphogenetic Protein 10 (also known as BMP-10) 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-10 antibody. BMP-10 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat BMP-10 Antibody is added and binds to BMP-10 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP-10 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-10. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656928
NCBI GeneID	27302
NCBI Accession #	NP_055297.1
NCBI GenBank Nucleotide #	NM_014482.2
UniProt Accession #	O95393; Q53R17; Q6NTE0
Molecular Weight	48,047 Da
NCBI Official Full Name	bone morphogenetic protein 10 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 10
NCBI Official Symbol	BMP10
NCBI Protein Information	bone morphogenetic protein 10
UniProt Protein Name	Bone morphogenetic protein 10
UniProt Gene Name	BMP10
UniProt Synonym Gene Names	BMP-10

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-10-bmp-10/121243>