

Rat Bone morphogenetic protein 7, BMP-7 ELISA Kit | BMP-7 elisa kit

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CATALOG #
AAA43222

REACTIVITY
Rat

PRODUCT SYNONYMS

Bone morphogenetic protein 7; BMP-7; Rat Bone morphogenetic protein 7; BMP-7 ELISA Kit; BMP-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	426
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.01ng/L - 200ng/L
Sensitivity	0.42ng/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-7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Bone Morphogenetic Protein 7 (also known as BMP-7) 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-7 antibody. BMP-7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat BMP-7 Antibody is added and binds to BMP-7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP-7 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-7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147903952
NCBI GeneID	379625
NCBI Accession #	NP_001079934.1
NCBI GenBank Nucleotide #	NM_001086465.1
UniProt Accession #	P30886; Q91645
Molecular Weight	48,965 Da
NCBI Official Full Name	bone morphogenetic protein 7
NCBI Official Synonym Full Names	bone morphogenetic protein 7, gene 2 L homeolog
NCBI Official Symbol	bmp7.2.L
NCBI Official Synonym Symbols	bmp7; bmp7.2
NCBI Protein Information	bone morphogenetic protein 7
UniProt Protein Name	Bone morphogenetic protein 7
UniProt Gene Name	bmp7
UniProt Synonym Gene Names	BMP-7; xBMP7; OP-1

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-7-bmp-7/43222>