

Rat Bone morphogenetic protein 10 ELISA Kit | Bmp10 elisa kit

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CATALOG #
AAA57342

REACTIVITY
Rat

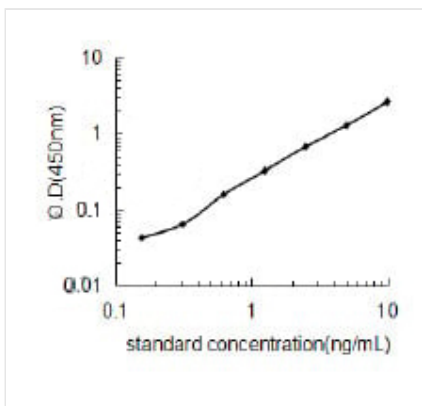
PRODUCT SYNONYMS

Bone morphogenetic protein 10; Rat Bone morphogenetic protein 10 ELISA Kit; BMP-10; Bmp10; Bmp10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Bone morphogenetic protein 10,BMP-10
Sequence Length	421
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.085 ng/mL
Intra-assay Precision	<=4.8%
Inter-assay Precision	<=6.8%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bmp10 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73532772
NCBI GeneID	500245
NCBI Accession #	NP_001026994.1
NCBI GenBank Nucleotide #	NM_001031824.1
UniProt Accession #	Q4AEG6
Molecular Weight	47,767 Da
NCBI Official Full Name	bone morphogenetic protein 10
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
UniProt Entry Name	BMP10_RAT

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/bmp10-rat-elisa-kits/bone-morphogenetic-protein-10/57342>