

Mouse Bone morphogenetic protein 8B (BMP8B) ELISA Kit | BMP8B elisa kit

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CATALOG # AAA246651	REACTIVITY Mouse
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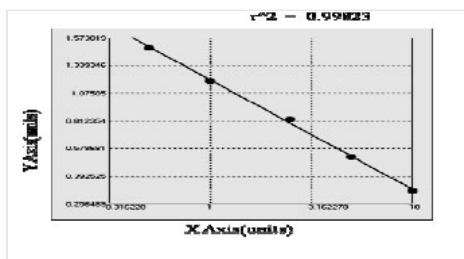
PRODUCT SYNONYMS

Bone morphogenetic protein 8B (BMP8B); Mouse Bone morphogenetic protein 8B (BMP8B) ELISA Kit; BMP8B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP8B elisa kit	Intended Uses: This BMP-8B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BMP-8B. This ELISA kit for research use only! Principle of the Assay: BMP-8B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BMP-8B antibody and an BMP-8B-HRP conjugate. The assay sample and buffer are incubated together with BMP-8B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BMP-8B concentration since BMP-8B from samples and BMP-8B-HRP conjugate compete for the anti-BMP-8B antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP-8B from the sample, fewer sites are left to bind BMP-8B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP-8B concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BMP8B elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	32250692
NCBI GeneID	656
Molecular Weight	44,768 Da
NCBI Official Full Name	bone morphogenetic protein 8B
NCBI Official Synonym Full Names	bone morphogenetic protein 8b
NCBI Official Symbol	BMP8B
NCBI Official Synonym Symbols	OP2; BMP8
NCBI Protein Information	bone morphogenetic protein 8B; BMP-8; BMP-8B; osteogenic protein 2; bone morphogenetic protein 8 (osteogenic protein 2); dJ118J21.1 (bone morphogenetic protein 8 (osteogenic protein 2))
UniProt Protein Name	Bone morphogenetic protein 8B
UniProt Gene Name	BMP8B
UniProt Synonym Gene Names	BMP8; BMP-8; BMP-8B; OP-2
UniProt Entry Name	BMP8B_HUMAN

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/mouse-elisa-kits/bone-morphogenetic-protein-8b-bmp8b/246651>