

Mouse Bone morphogenetic protein 8A (BMP8A) ELISA Kit | BMP8A elisa kit

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CATALOG #
AAA244559

REACTIVITY
Mouse

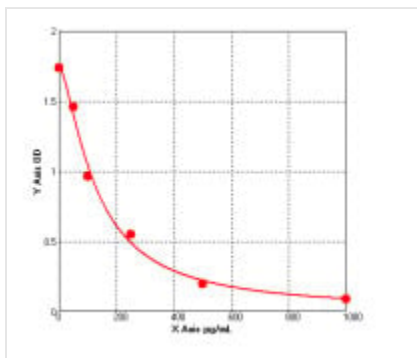
PRODUCT SYNONYMS

Bone morphogenetic protein 8A (BMP8A); Mouse Bone morphogenetic protein 8A (BMP8A) ELISA Kit; BMP8A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BMP8A. No significant cross-reactivity or interference between BMP8A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BMP8A and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP8A elisa kit	Principle of the Assay: BMP8A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BMP8A antibody and an BMP8A-HRP conjugate. The assay sample and buffer are incubated together with BMP8A-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 BMP8A concentration since BMP8A from samples and BMP8A-HRP conjugate compete for the anti-BMP8A antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP8A from the sample, fewer sites are left to bind BMP8A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP8A concentration in each sample is interpolated from this standard curve. Intended Uses: This BMP8A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BMP8A. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for BMP8A elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	145611428
NCBI GeneID	353500
NCBI Accession #	NP_861525.2
NCBI GenBank Nucleotide #	NM_181809.3
Molecular Weight	44,798 Da
NCBI Official Full Name	bone morphogenetic protein 8A
NCBI Official Synonym Full Names	bone morphogenetic protein 8a
NCBI Official Symbol	BMP8A
NCBI Protein Information	bone morphogenetic protein 8A; BMP-8A
UniProt Protein Name	Bone morphogenetic protein 8A
UniProt Gene Name	BMP8A
UniProt Synonym Gene Names	BMP-8A
UniProt Entry Name	BMP8A_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-8a-bmp8a/244559>