

Mouse Bone Morphogenetic Protein 9 ELISA Kit | BMP9 elisa kit

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CATALOG #
AAA92832

REACTIVITY
Mouse

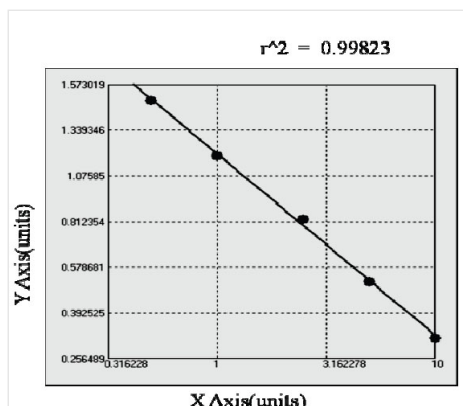
PRODUCT SYNONYMS

Bone Morphogenetic Protein 9; Mouse Bone Morphogenetic Protein 9 ELISA Kit; BMP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP9 elisa kit	Intended Uses: This BMP9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BMP9. This ELISA kit for research use only! Principle of the Assay: BMP9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BMP9 antibody and an BMP9-HRP conjugate. The assay sample and buffer are incubated together with BMP9-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 BMP9 concentration since BMP9 from samples and BMP9-HRP conjugate compete for the anti-BMP9 antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP9 from the sample, fewer sites are left to bind BMP9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP9 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BMP9 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5932438
Molecular Weight	47,320 Da
NCBI Official Full Name	bone morphogenetic protein 9
UniProt Protein Name	Growth/differentiation factor 2
UniProt Gene Name	GDF2
UniProt Synonym Gene Names	BMP9; GDF-2; BMP-9
UniProt Entry Name	GDF2_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/bmp9-mouse-elisa-kits/bone-morphogenetic-protein-9/92832>