

Monkey Bone Morphogenetic Protein 9 ELISA Kit | BMP9 elisa kit

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CATALOG #
AAA88516

REACTIVITY
Monkey

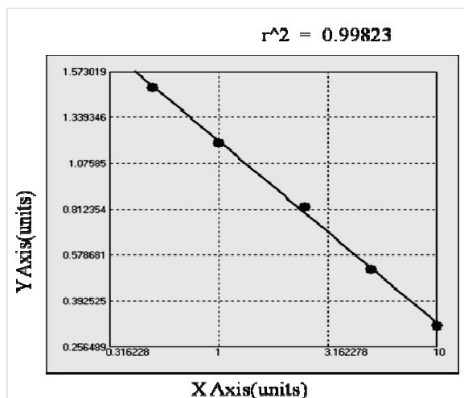
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BMP-9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey BMP-9. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP9 elisa kit

Principle of the Assay: BMP-9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BMP-9 antibody and an BMP-9-HRP conjugate. The assay sample and buffer are incubated together with BMP-9-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-9 concentration since BMP-9 from samples and BMP-9-HRP conjugate compete for the anti-BMP-9 antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP-9 from the sample, fewer sites are left to bind BMP-9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP-9 concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/bmp9-monkey-elisa-kits/bone-morphogenetic-protein-9/88516>