

Rabbit Bone Morphogenetic Protein 6 ELISA Kit | BMP6 elisa kit

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CATALOG #
AAA86706

REACTIVITY
Rabbit

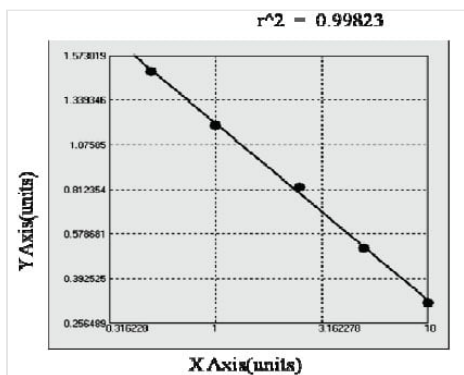
PRODUCT SYNONYMS

Bone Morphogenetic Protein 6; Rabbit Bone Morphogenetic Protein 6 ELISA Kit; BMP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
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 BMP6 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This BMP-6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit BMP-6. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY BMP-6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BMP-6 antibody and an BMP-6-HRP conjugate. The assay sample and buffer are incubated together with BMP-6-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-6 concentration since BMP-6 from samples and BMP-6-HRP conjugate compete for the anti-BMP-6 antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP-6 from the sample, fewer sites are left to bind BMP-6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP-6 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BMP6 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502425
NCBI GeneID	654
NCBI Accession #	NP_001709.1
NCBI GenBank Nucleotide #	NM_001718.4
Molecular Weight	57,226 Da
NCBI Official Full Name	bone morphogenetic protein 6 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 6
NCBI Official Symbol	BMP6
NCBI Official Synonym Symbols	VGR; VGR1
NCBI Protein Information	bone morphogenetic protein 6; BMP-6; VGR-1; VG-1-R; VG-1-related protein; Vg1-related sequence; vegetal-related (TGFB related) cytokine; vegetal related growth factor (TGFB-related)
UniProt Protein Name	Bone morphogenetic protein 6
UniProt Gene Name	BMP6
UniProt Synonym Gene Names	VGR; BMP-6; VG-1-R; VGR-1
UniProt Entry Name	BMP6_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/bmp6-rabbit-elisa-kits/bone-morphogenetic-protein-6/86706>