

Goat Bone Morphogenetic Protein 6 ELISA Kit | BMP6 elisa kit

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CATALOG #
AAA92407

REACTIVITY
Goat

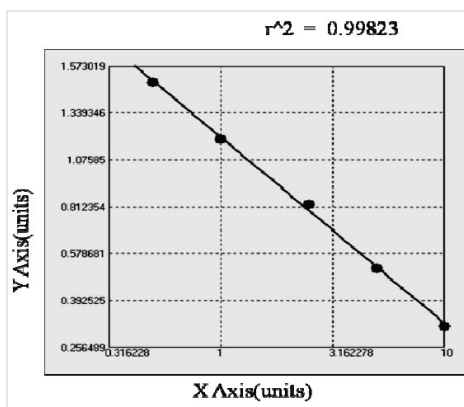
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This BMP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat BMP6. 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 BMP6 elisa kit

Principle of the Assay: BMP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BMP6 antibody and an BMP6-HRP conjugate. The assay sample and buffer are incubated together with BMP6-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 BMP6 concentration since BMP6 from samples and BMP6-HRP conjugate compete for the anti-BMP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by BMP6 from the sample, fewer sites are left to bind BMP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP6 concentration in each sample is interpolated from this standard curve.

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-goat-elisa-kits/bone-morphogenetic-protein-6/92407>