

Rat Bone Morphogenetic Protein 6 ELISA Kit | BMP-6 elisa kit

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CATALOG #
AAA98387

REACTIVITY
Rat

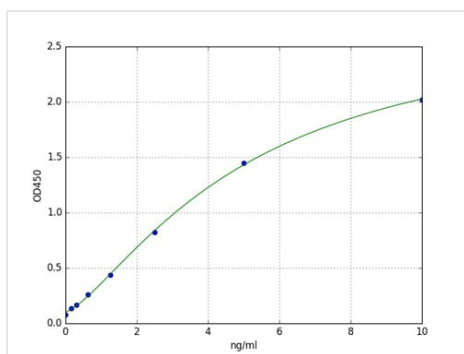
PRODUCT SYNONYMS

Bone Morphogenetic Protein 6; Rat Bone Morphogenetic Protein 6 ELISA Kit; BMP-6/BMP6/VGR/VGR1/Vgr-1/bone morphogenetic protein 6/vegetal related growth factor (TGFB-related)/vegetal-related (TGFB related) cytokine/VG-1-R/VG-1-related protein/Vg1-related sequence; BMP-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	5
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a BMP-6 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.088	0.165	0.251	0.297	0.538	0.897	1.712	2.236

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP-6 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-BMP-6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-BMP-6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the BMP-6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of BMP-6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3492993
NCBI GeneID	654
Molecular Weight	57,226 Da
NCBI Official Full Name	bone morphogenetic protein 6, partial
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
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/bmp-6-rat-elisa-kits/bone-morphogenetic-protein-6/98387>