

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

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CATALOG #
AAA100350

REACTIVITY
Mouse

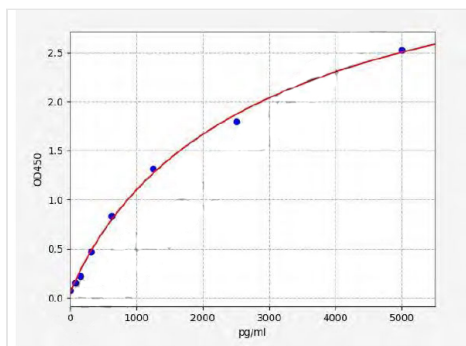
PRODUCT SYNONYMS

Bone Morphogenetic Protein 6; Mouse Bone Morphogenetic Protein 6 ELISA Kit; BMP-6 (Bone Morphogenetic Protein 6)/BMP6/VGR/VGR1; BMP-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BMP-6. No significant cross-reactivity or interference between BMP-6 and analogues was observed.
Sequence Length	5
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

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. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bmp-6-mouse-elisa-kits/bone-morphogenetic-protein-6/100350>