

Rabbit bone morphogenetic protein 2 ELISA Kit | BMP2 elisa kit

Rabbit Bone morphogenetic protein 2, BMP2 ELISA Kit

CATALOG #
AAA112643

REACTIVITY
Rabbit

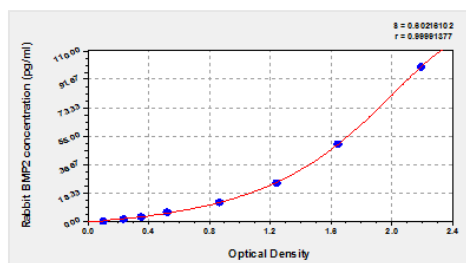
PRODUCT SYNONYMS

bone morphogenetic protein 2; Rabbit Bone morphogenetic protein 2; BMP2 ELISA Kit; Rabbit Bone morphogenetic protein 2 (BMP2) ELISA kit; BMP2A; ; BMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of rabbit BMP2. No significant cross-reactivity or interference between rabbit BMP2 and analogues was observed.
Sequence Length	395
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	1.56 pg/ml -100 pg/ml.
Sensitivity	0.39 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BMP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BMP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BMP2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BMP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130497270
NCBI GeneID	100009349
NCBI Accession #	NP_001076119.1
NCBI GenBank Nucleotide #	NM_001082650.1
UniProt Accession #	O46564
Molecular Weight	44,664 Da
NCBI Official Full Name	bone morphogenetic protein 2
NCBI Official Symbol	BMP2
NCBI Official Synonym Symbols	BMP-2
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	Bone morphogenetic protein 2
UniProt Gene Name	BMP2
UniProt Synonym Gene Names	BMP-2; BMP-2
UniProt Entry Name	BMP2_RABIT

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.