

Rat Bone Morphogenetic Protein 4 (BMP4) RTU ELISA Kit | BMP4 rtu elisa kit

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CATALOG #
AAA69382

REACTIVITY
Rat

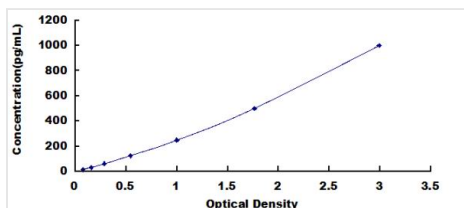
PRODUCT SYNONYMS

Bone Morphogenetic Protein 4 (BMP4); Rat Bone Morphogenetic Protein 4 (BMP4) ELISA Kit; BMP2B; BMP2-B; BMP2B1; ZYME; DVR4; Bone morphogenetic protein 2B; BMP4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	408
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	6.1pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BMP4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BMP4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BMP4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of BMP4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	543902
NCBI GeneID	25296
UniProt Accession #	Q06826
Molecular Weight	46,541 Da
NCBI Official Full Name	Bone morphogenetic protein 4
NCBI Official Synonym Full Names	bone morphogenetic protein 4
NCBI Official Symbol	Bmp4
NCBI Official Synonym Symbols	BOMPR4A
NCBI Protein Information	bone morphogenetic protein 4
UniProt Protein Name	Bone morphogenetic protein 4
UniProt Gene Name	Bmp4
UniProt Synonym Gene Names	Bmp-4; Dvr-4; BMP-4; BMP-2B

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://www.aaabiotech.com/rat-rtu-elisa-kits/bone-morphogenetic-protein-4-bmp4/69382>