

Monkey Bone Morphogenetic Protein 4 ELISA Kit | BMP4 elisa kit

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CATALOG #
AAA93107

REACTIVITY
Monkey

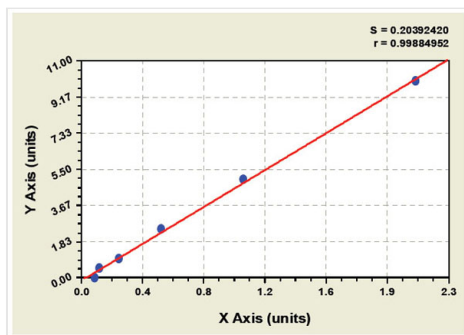
PRODUCT SYNONYMS

Bone Morphogenetic Protein 4; Monkey Bone Morphogenetic Protein 4 ELISA Kit; BMP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This BMP4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey BMP4. 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 BMP4 elisa kit

Principle of the Assay: BMP4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BMP4. Standards or samples are then added to the microtiter plate wells and BMP4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BMP4 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for BMP4 are added to each well to "sandwich" the BMP4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain BMP4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BMP4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2149144
NCBI GeneID	30612
Molecular Weight	45,758 Da
NCBI Official Full Name	BMP4
NCBI Official Synonym Full Names	bone morphogenetic protein 4
NCBI Official Symbol	bmp4
NCBI Official Synonym Symbols	bmp-4; zbmp-4; zgc:100779
NCBI Protein Information	bone morphogenetic protein 4; etlD309887.17
UniProt Protein Name	BMP4
UniProt Gene Name	bmp4
UniProt Synonym Gene Names	BMP4
UniProt Entry Name	O13107_DANRE

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/bmp4-monkey-elisa-kits/bone-morphogenetic-protein-4/93107>