

Guinea Pig Bone Morphogenetic Protein 15 ELISA Kit | BMP15 elisa kit

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CATALOG #
AAA86187

REACTIVITY
Guinea Pig

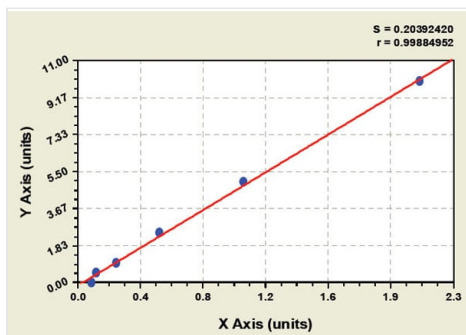
PRODUCT SYNONYMS

Bone Morphogenetic Protein 15; Guinea pig Bone Morphogenetic Protein 15 ELISA Kit; BMP15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP15 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This BMP15 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig BMP15. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY BMP15 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BMP15. Standards or samples are then added to the microtiter plate wells and BMP15 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BMP15 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for BMP15 are added to each well to "sandwich" the BMP15 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 BMP15 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 BMP15 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BMP15 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	257743454
NCBI GeneID	9210
NCBI Accession #	NP_005439.2
NCBI GenBank Nucleotide #	NM_005448.2
Molecular Weight	45,055 Da
NCBI Official Full Name	bone morphogenetic protein 15
NCBI Official Synonym Full Names	bone morphogenetic protein 15
NCBI Official Symbol	BMP15
NCBI Official Synonym Symbols	ODG2; POF4; GDF9B
NCBI Protein Information	bone morphogenetic protein 15; BMP-15; GDF-9B; growth/differentiation factor 9B
UniProt Protein Name	Bone morphogenetic protein 15
UniProt Gene Name	BMP15
UniProt Synonym Gene Names	GDF9B; BMP-15; GDF-9B
UniProt Entry Name	BMP15_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/bmp15-guinea-pig-pig-elisa-kits/bone-morphogenetic-protein-15/86187>