

Human bone morphogenetic protein 15 ELISA Kit | BMP15 elisa kit

Human bone morphogenetic protein 15, BMP-15/GDF-9B ELISA Kit

CATALOG #
AAA112974

REACTIVITY
Human

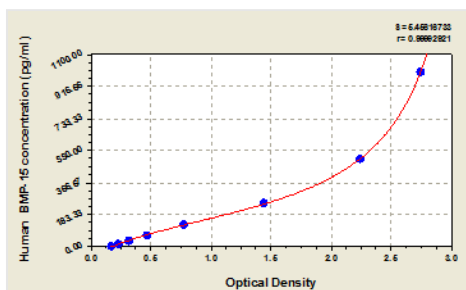
PRODUCT SYNONYMS

bone morphogenetic protein 15; Human bone morphogenetic protein 15; BMP-15/GDF-9B ELISA Kit; Human bone morphogenetic protein 15 (BMP-15/GDF-9B) ELISA kit; GDF9B; ODG2; POF4; growth/differentiation factor 9B; BMP15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human BMP15. No significant cross-reactivity or interference between Human BMP15 and analogues was observed.
Sequence Length	394
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 BMP15 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BMP-15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BMP-15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BMP-15 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 BMP-15 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 #	72534790
NCBI GeneID	353351
NCBI Accession #	NP_001026922.1
NCBI GenBank Nucleotide #	NM_001031752.1
UniProt Accession #	Q6PX77
Molecular Weight	45,025 Da
NCBI Official Full Name	bone morphogenetic protein 15
NCBI Official Symbol	BMP15
NCBI Official Synonym Symbols	bmp-15
NCBI Protein Information	bone morphogenetic protein 15
UniProt Protein Name	Bone morphogenetic protein 15
UniProt Gene Name	BMP15
UniProt Synonym Gene Names	BMP-15
UniProt Entry Name	BMP15_BOVIN

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/bmp15-human-elisa-kits/bone-morphogenetic-protein-15/112974>