

Human Bone Morphogenetic Protein 15 (BMP15) ELISA Kit | BMP15 elisa kit

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CATALOG #
AAA42781

REACTIVITY
Human

PRODUCT SYNONYMS

Bone Morphogenetic Protein 15 (BMP15); Human Bone Morphogenetic Protein 15 (BMP15) ELISA Kit; BMP15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	392
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 600ng/ml
Sensitivity	1.05ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP15 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Bone Morphogenetic Protein 15 (also known as BMP15) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human BMP15 antibody. BMP15 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BMP15 Antibody is added and binds to BMP15 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BMP15 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human BMP15. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	257743454
NCBI GeneID	9210
NCBI Accession #	NP_005439.2
NCBI GenBank Nucleotide #	NM_005448.2
UniProt Accession #	O95972; Q17RM6; Q5JST1; Q9UMS1
Molecular Weight	45,055 Da
NCBI Official Full Name	bone morphogenetic protein 15 preproprotein
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
UniProt Protein Name	Bone morphogenetic protein 15
UniProt Gene Name	BMP15
UniProt Synonym Gene Names	GDF9B; BMP-15; GDF-9B

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/human-elisa-kits/bone-morphogenetic-protein-15-bmp15/42781>