

Human Bone morphogenetic protein 3B ELISA Kit | GDF10 elisa kit

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CATALOG #
AAA99731

REACTIVITY
Human

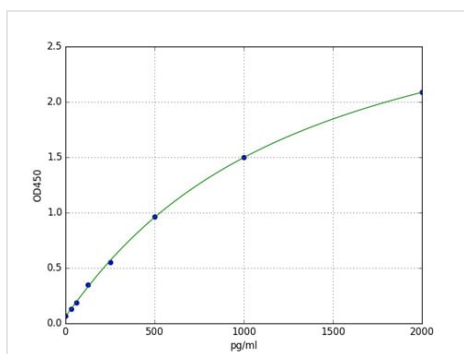
PRODUCT SYNONYMS

Bone morphogenetic protein 3B; Human Bone morphogenetic protein 3B ELISA Kit; BMP-3b/GDF10 (Bone morphogenetic protein 3B)/GDF-10/BIP/BMP3B/bone morphogenetic protein 3B/Bone-inducing protein/growth differentiation factor 10; GDF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	423
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human BMP-3b ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.044	0.082	0.113	0.212	0.401	0.699	1.312	2.370

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human BMP-3b antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human BMP-3b antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human BMP-3b amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human BMP-3b can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	284172373
NCBI GeneID	794493
NCBI Accession #	NP_001165060.1
NCBI GenBank Nucleotide #	NM_001171589.1
NCBI Official Full Name	bone morphogenetic protein 3B
NCBI Official Synonym Full Names	growth differentiation factor 10b
NCBI Official Symbol	gdf10b
NCBI Official Synonym Symbols	bmp3b
NCBI Protein Information	bone morphogenetic protein 3B

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/gdf10-human-elisa-kits/bone-morphogenetic-protein-3b/99731>