

Mouse GDF10 ELISA Kit | GDF10 elisa kit

Mouse GDF10 (Growth Differentiation Factor 10) ELISA Kit

CATALOG #
AAA165153

REACTIVITY
Mouse

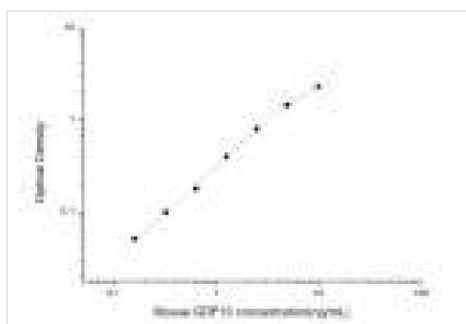
PRODUCT SYNONYMS

GDF10; Mouse GDF10 (Growth Differentiation Factor 10) ELISA Kit; GDF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse GDF10 in samples. No significant cross-reactivity or interference between Mouse GDF10 and analogues was observed
Sequence Length	288
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse GDF10 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse GDF10 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF10 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GDF10. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse GDF10 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GDF10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse GDF10. You can calculate the concentration of Mouse GDF10 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse GDF10 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20380935
NCBI GeneID	2662
UniProt Accession #	P55107; Q5VVSQ8; Q9UCX6
Molecular Weight	53,122 Da
NCBI Official Full Name	GDF10 protein
NCBI Official Synonym Full Names	growth differentiation factor 10
NCBI Official Symbol	GDF10
NCBI Official Synonym Symbols	BMP3B; BMP-3b
NCBI Protein Information	bone morphogenetic protein 3B; BIP; GDF-10; bone-inducing protein
UniProt Protein Name	Bone morphogenetic protein 3B
UniProt Gene Name	GDF10
UniProt Synonym Gene Names	BMP3B; BMP-3B; BIP; GDF-10
UniProt Entry Name	BMP3B_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/mouse-elisa-kits/gdf10/165153>