

Mouse Growth Differentiation Factor 8 (GDF8) ELISA Kit | GDF8 elisa kit

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CATALOG #
AAA43633

REACTIVITY
Mouse

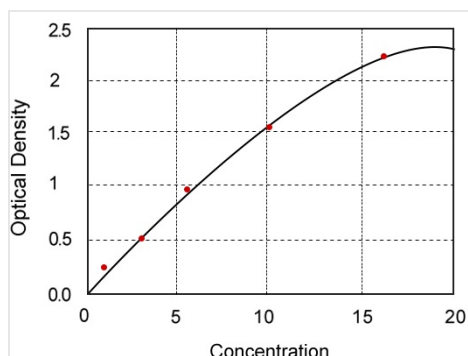
PRODUCT SYNONYMS

Growth Differentiation Factor 8 (GDF8); Mouse Growth Differentiation Factor 8 (GDF8) ELISA Kit; GDF8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	375
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10pg/ml - 4000pg/ml
Sensitivity	5.01pg/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 GDF8 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse 5-hydroxyindoleacetic Acid (also known as 5-HIAA) 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 Mouse 5-HIAA antibody. 5-HIAA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 5-HIAA Antibody is added and binds to 5-HIAA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated 5-HIAA 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 Mouse 5-HIAA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885259
NCBI GeneID	2660
NCBI Accession #	NP_005250.1
NCBI GenBank Nucleotide #	NM_005259.2
UniProt Accession #	O14793; Q6B0H2; A1C2J7; A1C2K0
Molecular Weight	42,750 Da
NCBI Official Full Name	growth/differentiation factor 8 preproprotein
NCBI Official Synonym Full Names	myostatin
NCBI Official Symbol	MSTN
NCBI Official Synonym Symbols	GDF8; MSLHP
NCBI Protein Information	growth/differentiation factor 8
UniProt Protein Name	Growth/differentiation factor 8
UniProt Gene Name	MSTN
UniProt Synonym Gene Names	GDF8; GDF-8

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/growth-differentiation-factor-8-gdf8/43633>