

Mouse growth differentiation factor 15, GDF15 ELISA Kit | GDF15 elisa kit

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CATALOG #
AAA41802

REACTIVITY
Mouse

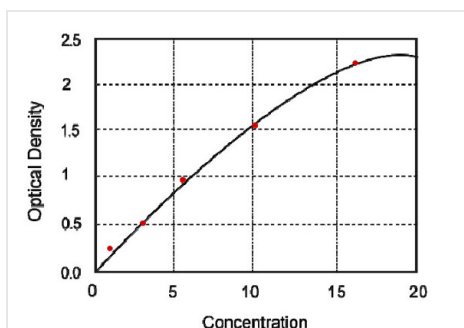
PRODUCT SYNONYMS

growth differentiation factor 15; GDF15; Mouse growth differentiation factor 15; GDF15 ELISA Kit; GDF15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	308
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 1000ng/L
Sensitivity	6.12ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 GDF15 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Growth Differentiation Factor 15 (also known as GDF15) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse GDF15 antibody. GDF15 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse GDF15 Antibody is added and binds to GDF15 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDF15 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 GDF15. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792495
NCBI GeneID	9518
NCBI Accession #	NP_004855.2
NCBI GenBank Nucleotide #	NM_004864.3
UniProt Accession #	Q99988; O14629; P78360; Q9BWA0; Q9NRT0
Molecular Weight	34,140 Da
NCBI Official Full Name	growth/differentiation factor 15 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	GDF15
NCBI Official Synonym Symbols	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
NCBI Protein Information	growth/differentiation factor 15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	NAG-1; NRG-1

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-15-gdf15/41802>