

Mouse GDF15 ELISA Kit | GDF15 elisa kit

Mouse GDF15 (Growth Differentiation Factor 15) ELISA Kit

CATALOG #
AAA164687

REACTIVITY
Mouse

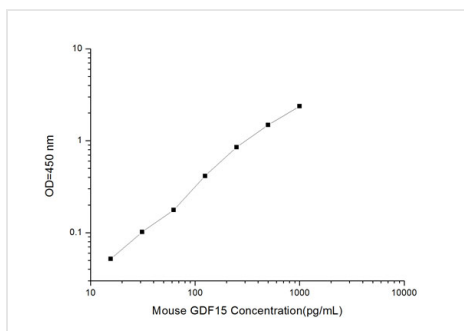
PRODUCT SYNONYMS

GDF15; Mouse GDF15 (Growth Differentiation Factor 15) ELISA Kit; GDF15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GDF15. No significant cross-reactivity or interference between Mouse GDF15 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse GDF15 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	308
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF15 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GDF15 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GDF15. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse GDF15 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GDF15, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse GDF15. You can calculate the concentration of Mouse GDF15 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153792495
NCBI GeneID	9518
NCBI Accession #	NP_004855.2
NCBI GenBank Nucleotide #	NM_004864.2
UniProt Accession #	Q99988; O14629; P78360; Q9BWA0; Q9NRT0
Molecular Weight	34,140 Da
NCBI Official Full Name	growth/differentiation factor 15
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; NRG-1; NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1; NSAID-activated gene 1 protein; NSAID-regulated gene 1 protein; PTGF-beta; macrophage inhibitory cytokine 1; placental TGF-beta; placental bone morphogenetic protein; prostate differentiation factor
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	MIC1; PDF; PLAB; PTGFB; GDF-15; MIC-1; NAG-1; NRG-1
UniProt Entry Name	GDF15_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.