

Mouse growth differentiation factor 15 ELISA Kit | GDF15 elisa kit

Mouse Growth/differentiation factor 15, GDF15 ELISA Kit

CATALOG #
AAA18194

REACTIVITY
Mouse

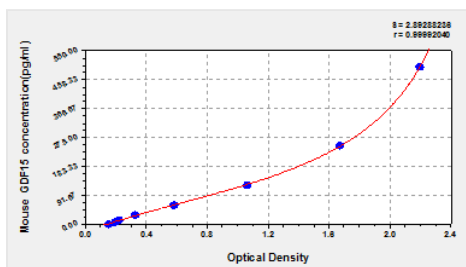
PRODUCT SYNONYMS

growth differentiation factor 15; Mouse Growth/differentiation factor 15; GDF15 ELISA Kit; Mouse Growth/differentiation factor 15 (GDF15) ELISA kit; GDF-15; MIC-1; MIC1; NAG-1; PDF; PLAB; PTGFB; NSAID (nonsteroidal anti-inflammatory drug) -activated protein 1; PTGF-beta; prostate differentiation factor; 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.
Sequence Length	303
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF15 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GDF15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GDF15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GDF15 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GDF15 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170784848
NCBI GeneID	23886
NCBI Accession #	NP_035949.2
NCBI GenBank Nucleotide #	NM_011819.2
UniProt Accession #	Q9Z0J7; Q6NX63
Molecular Weight	33,225 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	SBF; MIC-1; NAG-1
NCBI Protein Information	growth/differentiation factor 15; GDF-15; macrophage inhibiting cytokine-1
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	Gdf15
UniProt Synonym Gene Names	Sbf; GDF-15
UniProt Entry Name	GDF15_MOUSE

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://www.aaabiotech.com/gdf15-mouse-elisa-kits/growth-differentiation-factor-15/18194>