

Rat growth differentiation factor 15 ELISA Kit | GDF15 elisa kit

Rat growth differentiation factor 15, GDF15 ELISA Kit

CATALOG #
AAA80872

REACTIVITY
Rat

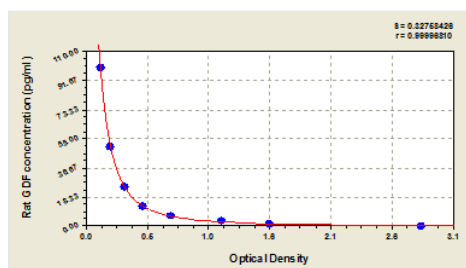
PRODUCT SYNONYMS

growth differentiation factor 15; Rat growth differentiation factor 15; GDF15 ELISA Kit; Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GDF15. No significant cross-reactivity or interference between Rat GDF15 and analogues was observed.
Sequence Length	303
Samples	Serum, plasma and tissue homogenates
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	0.39 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: The microtiter plate provided in this kit has been pre-coated with GDF15. Standards or samples are then added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) -conjugated antibody preparation specific for GDF15, mix well and incubated. The more the amount of GDF15 in samples, the less HRP- conjugated antibody preparation specific for GDF15 bound by pre-coated GDF15. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. And the color develops in opposite to the amount of GDF15 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506719
NCBI GeneID	29455
NCBI Accession #	NP_062089.1
NCBI GenBank Nucleotide #	NM_019216.2
UniProt Accession #	Q9Z0J6
Molecular Weight	33,439 Da
NCBI Official Full Name	growth/differentiation factor 15
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	Gdf15
NCBI Protein Information	growth/differentiation factor 15; GDF-15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	Gdf15
UniProt Synonym Gene Names	Sbf; GDF-15
UniProt Entry Name	GDF15_RAT

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/gdf15-rat-elisa-kits/growth-differentiation-factor-15/80872>