

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

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CATALOG #
AAA43542

REACTIVITY
Rat

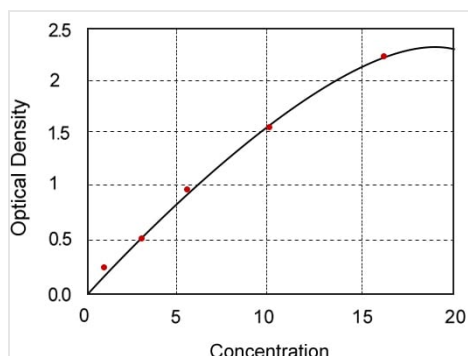
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	375
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2U/L - 60U/L
Sensitivity	0.13U/L
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 Rat Glucokinase (also known as GCK) 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 Rat GCK antibody. GCK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GCK Antibody is added and binds to GCK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GCK 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 Rat GCK. 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/rat-elisa-kits/growth-differentiation-factor-8-gdf8/43542>