

Rat Growth Differentiation Factor 5 (GDF5) ELISA Kit | GDF5 elisa kit

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CATALOG #
AAA122563

REACTIVITY
Rat

PRODUCT SYNONYMS

Growth Differentiation Factor 5 (GDF5); Rat Growth Differentiation Factor 5 (GDF5) ELISA Kit; GDF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	290
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.06ng/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 GDF5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Growth Differentiation Factor 5 (also known as GDF5) 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 GDF5 antibody. GDF5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GDF5 Antibody is added and binds to GDF5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDF5 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 GDF5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	290566347
NCBI GeneID	8200
Molecular Weight	55,411 Da
NCBI Official Full Name	GDF5, partial
NCBI Official Synonym Full Names	growth differentiation factor 5
NCBI Official Symbol	GDF5
NCBI Official Synonym Symbols	OS5; LAP4; BDA1C; BMP14; CDMP1; LAP-4; SYM1B; SYNS2; BMP-14
NCBI Protein Information	growth/differentiation factor 5
UniProt Protein Name	Growth/differentiation factor 5
UniProt Gene Name	GDF5
UniProt Synonym Gene Names	BMP14; CDMP1; GDF-5; BMP-14; CDMP-1; LAP-4; LPS-associated protein 4

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-5-gdf5/122563>