

Rat Growth Differentiation Factor 11 (GDF11) ELISA Kit | GDF11 elisa kit

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CATALOG #
AAA121081

REACTIVITY
Rat

PRODUCT SYNONYMS

Growth Differentiation Factor 11 (GDF11); Rat Growth Differentiation Factor 11 (GDF11) ELISA Kit; GDF11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	407
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 3000ng/L
Sensitivity	5.13g/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 GDF11 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Growth Differentiation Factor 11 (also known as GDF11) 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 GDF11 antibody. GDF11 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GDF11 Antibody is added and binds to GDF11 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDF11 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 GDF11. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031613
NCBI GeneID	10220
NCBI Accession #	NP_005802.1
NCBI GenBank Nucleotide #	NM_005811.4
UniProt Accession #	O95390; Q9UID1; Q9UID2
Molecular Weight	45,091 Da
NCBI Official Full Name	growth/differentiation factor 11 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 11
NCBI Official Symbol	GDF11
NCBI Official Synonym Symbols	BMP11; BMP-11
NCBI Protein Information	growth/differentiation factor 11
UniProt Protein Name	Growth/differentiation factor 11
UniProt Gene Name	GDF11
UniProt Synonym Gene Names	BMP111 PublicationManual assertion based on opinion iniRef.1; GDF-11; BMP-11

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-11-gdf11/121081>