

Human growth differentiation factor 2, GDF2 ELISA Kit | GDF2 elisa kit

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CATALOG #
AAA42350

REACTIVITY
Human

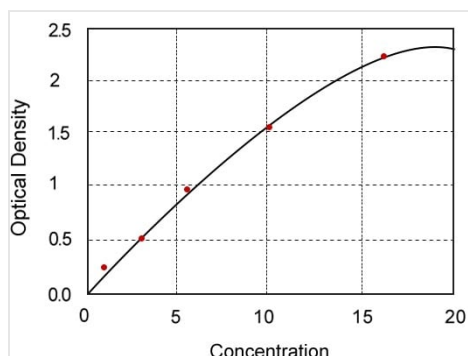
PRODUCT SYNONYMS

growth differentiation factor 2; GDF2; Human growth differentiation factor 2; GDF2 ELISA Kit; GDF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	429
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.51ng/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 GDF2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Growth Differentiation Factor 2 (also known as GDF2) 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 human GDF2 antibody. GDF2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GDF2 Antibody is added and binds to GDF2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDF2 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 human GDF2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119571045
NCBI GeneID	2658
UniProt Accession #	Q9UK05; Q5VSQ9; Q9Y571
Molecular Weight	47,320 Da
NCBI Official Full Name	growth differentiation factor 2
NCBI Official Synonym Full Names	growth differentiation factor 2
NCBI Official Symbol	GDF2
NCBI Official Synonym Symbols	BMP9; HHT5; BMP-9
NCBI Protein Information	growth/differentiation factor 2
UniProt Protein Name	Growth/differentiation factor 2
UniProt Gene Name	GDF2
UniProt Synonym Gene Names	BMP9; GDF-2; BMP-9

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/human-elisa-kits/growth-differentiation-factor-2-gdf2/42350>