

Human Growth/differentiation factor 9 ELISA Kit | GDF9 elisa kit

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CATALOG #
AAA100563

REACTIVITY
Human

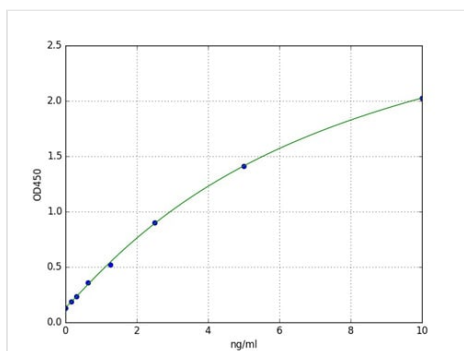
PRODUCT SYNONYMS

Growth/differentiation factor 9; Human Growth/differentiation factor 9 ELISA Kit; GDF9/GDF-9/growth differentiation factor 9; GDF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	454
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human GDF9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.058	0.124	0.166	0.274	0.484	0.816	1.474	2.255

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human GDF9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human GDF9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human GDF9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human GDF9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4885261

NCBI GeneID	2661
NCBI Accession #	NP_005251.1
NCBI GenBank Nucleotide #	NM_005260.4
Molecular Weight	51,444 Da
NCBI Official Full Name	growth/differentiation factor 9 isoform 1 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 9
NCBI Official Symbol	GDF9
NCBI Protein Information	growth/differentiation factor 9
UniProt Protein Name	Growth/differentiation factor 9
UniProt Gene Name	GDF9
UniProt Synonym Gene Names	GDF-9
UniProt Entry Name	GDF9_HUMAN

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/gdf9-human-elisa-kits/growth-differentiation-factor-9/100563>