

Bovine Growth Differentiation Factor 9 (GDF9) ELISA Kit | GDF9 elisa kit

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CATALOG #
AAA43692

REACTIVITY
Bovine

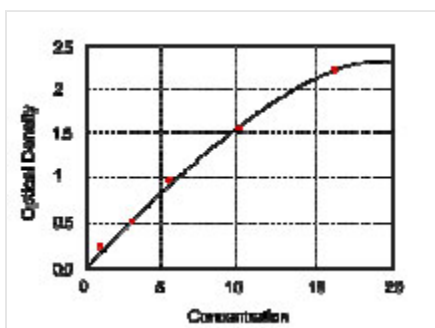
PRODUCT SYNONYMS

Growth Differentiation Factor 9 (GDF9); Bovine Growth Differentiation Factor 9 (GDF9) ELISA Kit; GDF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	453
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	2-600ng/mL
Sensitivity	1.37ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 GDF9 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Growth Differentiation Factor 9 (also known as GDF9) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human GDF9 antibody. GDF9 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human GDF9 Antibody is added and binds to GDF9 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDF9 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 GDF9. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	238625787
NCBI GeneID	100482975
Molecular Weight	51,629 Da
NCBI Official Full Name	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

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/bovine-ovine-elisa-kits/growth-differentiation-factor-9-gdf9/43692>