

Sheep GDF9 ELISA Kit | GDF9 elisa kit

Sheep GDF9 (Growth Differentiation Factor 9) ELISA Kit

CATALOG #
AAA21752

REACTIVITY
Sheep

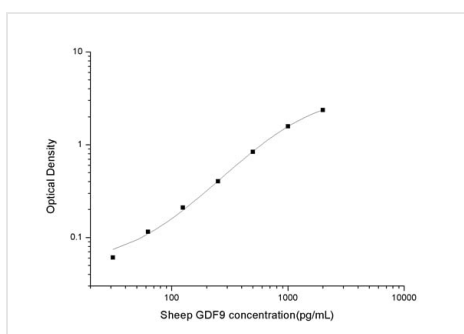
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This kit recognizes Sheep GDF9 in samples. No significant cross-reactivity or interference between Sheep GDF9 and analogues was observed.
Sequence Length	366
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Sheep GDF9 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Sheep GDF9 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF9 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Sheep GDF9 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Sheep GDF9. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Sheep GDF9 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Sheep GDF9, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Sheep GDF9. You can calculate the concentration of Sheep GDF9 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	572152923
NCBI GeneID	2661
NCBI Accession #	NP_001275755.1
NCBI GenBank Nucleotide #	NM_001288826.2
UniProt Accession #	O60383; Q4VAW5
Molecular Weight	51,444 Da
NCBI Official Full Name	growth/differentiation factor 9 isoform 2
NCBI Official Synonym Full Names	growth differentiation factor 9
NCBI Official Symbol	GDF9
NCBI Protein Information	growth/differentiation factor 9; GDF-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/sheep-elisa-kits/gdf9/21752>