

Human Growth Differentiation Factor 9 ELISA Kit | GDF9 elisa kit

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CATALOG #
AAA83637

REACTIVITY
Human

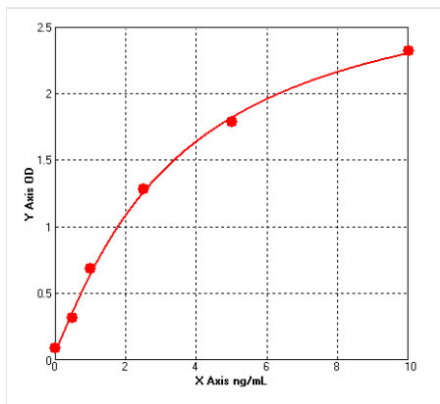
PRODUCT SYNONYMS

Growth Differentiation Factor 9; Human Growth Differentiation Factor 9 ELISA Kit; GDF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GDF-9. No significant cross-reactivity or interference between GDF-9 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GDF-9 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF9 elisa kit	Principle of the Assay: GDF-9 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GDF-9. Standards or samples are then added to the microtiter plate wells and GDF-9 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GDF-9 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GDF-9 are added to each well to "sandwich" the GDF-9 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GDF-9 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GDF-9 concentration in each sample is interpolated from this standard curve. Intended Uses: This GDF-9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GDF-9. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for GDF9 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	59933270
NCBI GeneID	497643
NCBI Accession #	NP_001012383.1
NCBI GenBank Nucleotide #	NM_001012383.1
NCBI Official Full Name	growth/differentiation factor 9
NCBI Official Synonym Full Names	growth differentiation factor 9
NCBI Official Symbol	gdf9
NCBI Official Synonym Symbols	GDF-9; zgc:123030
NCBI Protein Information	growth/differentiation factor 9; growth and differentiation factor 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/gdf9-human-elisa-kits/growth-differentiation-factor-9/83637>