

Human Growth Differentiation Factor 10 ELISA Kit | GDF10 elisa kit

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CATALOG #
AAA84093

REACTIVITY
Human

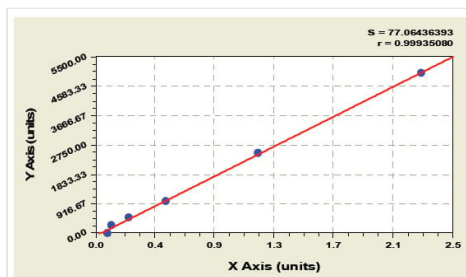
PRODUCT SYNONYMS

Growth Differentiation Factor 10; Human Growth Differentiation Factor 10 ELISA Kit; GDF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This GDF-10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GDF-10. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF10 elisa kit

Principle of the Assay: GDF10 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GDF10. Standards or samples are then added to the microtiter plate wells and GDF10 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GDF10 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GDF10 are added to each well to "sandwich" the GDF10 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 GDF10 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 GDF10 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GDF10 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	55666369
UniProt Accession #	Q8N6T2
Molecular Weight	32,352 Da
UniProt Protein Name	GDF10 protein
UniProt Entry Name	Q8N6T2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gdf10-human-elisa-kits/growth-differentiation-factor-10/84093>