

Human GDF5 (Growth Differentiation Factor 5) ELISA Kit | GDF5 elisa kit

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CATALOG #
AAA270041

REACTIVITY
Human

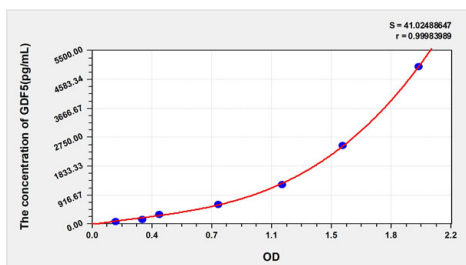
PRODUCT SYNONYMS

GDF5 (Growth Differentiation Factor 5); Human GDF5 (Growth Differentiation Factor 5) ELISA Kit; CDMP1; LAP4; SYNS2; BMP14; Radotermis; Cartilage-Derived Morphogenetic Protein-1; Bone morphogenetic protein 14; Lipopolysaccharide-associated protein 4; GDF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	78.13-5000 pg/mL
Sensitivity	32 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF5 elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Growth Differentiation Factor 5(GDF5). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Growth Differentiation Factor 5(GDF5). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Growth Differentiation Factor 5(GDF5), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Growth Differentiation Factor 5(GDF5) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for GDF5 elisa kit

Cytokine; Signal transduction; Neuro science; Developmental science; Bone metabolism

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/human-elisa-kits/gdf5-growth-differentiation-factor-5/270041>