

Human growth differentiation factor 11 ELISA Kit | GDF11 elisa kit

Human Growth/differentiation factor 11, GDF11 ELISA Kit

CATALOG #
AAA18329

REACTIVITY
Human

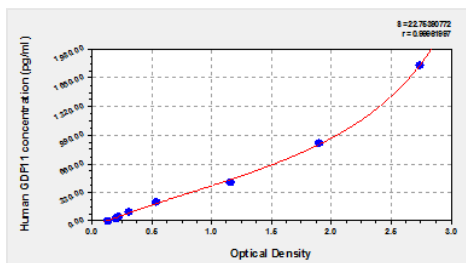
PRODUCT SYNONYMS

growth differentiation factor 11; Human Growth/differentiation factor 11; GDF11 ELISA Kit; Human Growth/differentiation factor 11 (GDF11) ELISA kit; BMP-11; BMP11; bone morphogenetic protein 11; GDF11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GDF11. No significant cross-reactivity or interference between human GDF11 and analogues was observed.
Sequence Length	407
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	28 pg/ml-1800 pg/ml
Sensitivity	< 7 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF11 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GDF11 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GDF11 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GDF11 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GDF11 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031613
NCBI GeneID	10220
NCBI Accession #	NP_005802.1
NCBI GenBank Nucleotide #	NM_005811.3
UniProt Accession #	O95390; Q9UID1; Q9UID2
Molecular Weight	45,091 Da
NCBI Official Full Name	growth/differentiation factor 11
NCBI Official Synonym Full Names	growth differentiation factor 11
NCBI Official Symbol	GDF11
NCBI Official Synonym Symbols	BMP11; BMP-11
NCBI Protein Information	growth/differentiation factor 11; GDF-11; bone morphogenetic protein 11
UniProt Protein Name	Growth/differentiation factor 11
UniProt Gene Name	GDF11
UniProt Synonym Gene Names	BMP11; GDF-11; BMP-11
UniProt Entry Name	GDF11_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/gdf11-human-elisa-kits/growth-differentiation-factor-11/18329>