

Human GDF11 (Growth Differentiation Factor 11) CLIA Kit | GDF11 clia kit

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CATALOG #
AAA171269

REACTIVITY
Human

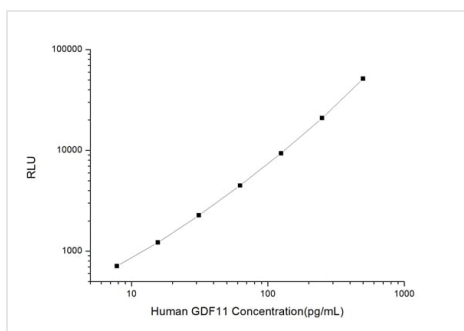
PRODUCT SYNONYMS

GDF11 (Growth Differentiation Factor 11); Human GDF11 (Growth Differentiation Factor 11) CLIA Kit; GDF11 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant GDF11. No significant cross-reactivity or interference between GDF11 and analogues was observed.
Sequence Length	407
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF11 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of GDF11 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to GDF11. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GDF11 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GDF11, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of GDF11. You can calculate the concentration of GDF11 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119617237
NCBI GeneID	10220
Molecular Weight	45,091 Da
NCBI Official Full Name	growth differentiation factor 11, isoform CRA_a
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
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/human-clia-kits/gdf11-growth-differentiation-factor-11/171269>