

Human Hepatoma Derived Growth Factor (HDGF) ELISA Kit | HDGF elisa kit

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CATALOG #
AAA183700

REACTIVITY
Human

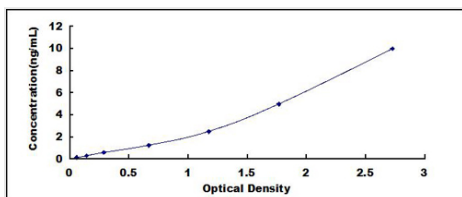
PRODUCT SYNONYMS

Hepatoma Derived Growth Factor (HDGF); Human Hepatoma Derived Growth Factor (HDGF) ELISA Kit; HMG1L2; High-Mobility Group Protein 1-Like 2; HDGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Hepatoma Derived Growth Factor (HDGF). No significant cross-reactivity or interference between Hepatoma Derived Growth Factor (HDGF) and analogues was observed.
Sequence Length	189
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Hepatoma Derived Growth Factor (HDGF) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Hepatoma Derived Growth Factor (HDGF) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDGF elisa kit	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 Hepatoma Derived Growth Factor (HDGF). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Hepatoma Derived Growth Factor (HDGF). 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 Hepatoma Derived Growth Factor (HDGF), 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 ± 10nm. The concentration of Hepatoma Derived Growth Factor (HDGF) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269785271
NCBI GeneID	100313630
NCBI Accession #	NP_001161563.1
NCBI GenBank Nucleotide #	NM_001168091.1
NCBI Official Full Name	hepatoma derived growth factor
NCBI Official Symbol	LOC100313630
NCBI Protein Information	hepatoma derived growth factor

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/human-elisa-kits/hepatoma-derived-growth-factor-hdgf/183700>