

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

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CATALOG #
AAA68119

REACTIVITY
Mouse

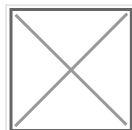
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HDGF. No significant cross-reactivity or interference between HDGF and analogues was observed.
Sequence Length	237
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HDGF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HDGF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDGF elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HDGF in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HDGF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 HDGF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188497724
NCBI GeneID	15191
NCBI Accession #	NP_032257.3
NCBI GenBank Nucleotide #	NM_008231.4
UniProt Accession #	P51859; Q8BPG7; Q9CYA4; Q9JK87
Molecular Weight	26,269 Da
NCBI Official Full Name	hepatoma-derived growth factor isoform 1
NCBI Official Synonym Full Names	hepatoma-derived growth factor
NCBI Official Symbol	Hdgf
NCBI Official Synonym Symbols	AI118077; D3Ert299e
NCBI Protein Information	hepatoma-derived growth factor
UniProt Protein Name	Hepatoma-derived growth factor
UniProt Gene Name	Hdgf
UniProt Synonym Gene Names	Tdrm1; HDGF

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/mouse-elisa-kits/hepatoma-derived-growth-factor-hdgf/68119>