

Mouse Hepatoma Derived Growth Factor ELISA Kit | HDGF elisa kit

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CATALOG #
AAA84568

REACTIVITY
Mouse

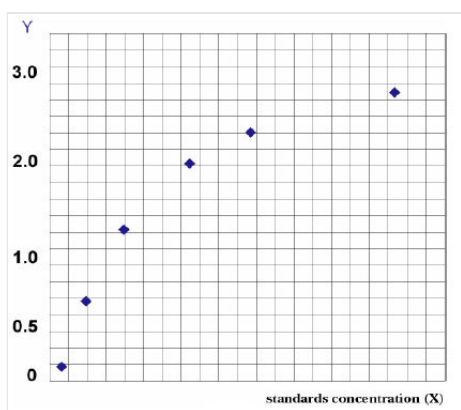
PRODUCT SYNONYMS

Hepatoma Derived Growth Factor; Mouse Hepatoma Derived Growth Factor ELISA Kit; HDGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDGF elisa kit

Intended Uses: This HDGF ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of HDGF in the sample, this HDGF ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus HDGF concentration. The concentration of HDGF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This HDGF enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for HDGF. Standards or samples are then added to the microtiter plate wells and HDGF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HDGF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for HDGF are added to each well to "sandwich" the HDGF immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HDGF and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758516
NCBI GeneID	3068
NCBI Accession #	NP_004485.1
NCBI GenBank Nucleotide #	NM_004494.2
Molecular Weight	28,264 Da
NCBI Official Full Name	hepatoma-derived growth factor isoform a
NCBI Official Synonym Full Names	hepatoma-derived growth factor
NCBI Official Symbol	HDGF
NCBI Official Synonym Symbols	HMG1L2
NCBI Protein Information	hepatoma-derived growth factor; HMG-1L2; high mobility group protein 1-like 2
UniProt Protein Name	Hepatoma-derived growth factor
UniProt Gene Name	HDGF
UniProt Synonym Gene Names	HMG1L2; HDGF; HMG-1L2
UniProt Entry Name	HDGF_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.