

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

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CATALOG #
AAA277909

REACTIVITY
Rat

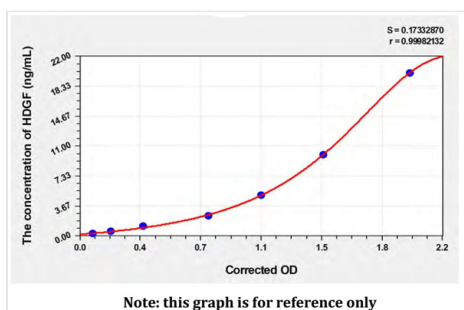
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat HDGF. No significant cross-reactivity or interference between Rat HDGF and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.16 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDGF elisa kit

Principle of the Assay: 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 Rat HDGF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat HDGF in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758528
NCBI GeneID	114499
NCBI Accession #	NP_446159.1
NCBI GenBank Nucleotide #	NM_053707.2
UniProt Accession #	Q8VHK7; Q923W3
Molecular Weight	26,488 Da
NCBI Official Full Name	hepatoma-derived growth factor
NCBI Official Synonym Full Names	hepatoma-derived growth factor
NCBI Official Symbol	Hdgf
NCBI Protein Information	hepatoma-derived growth factor
UniProt Protein Name	Hepatoma-derived growth factor
UniProt Gene Name	Hdgf
UniProt Synonym Gene Names	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/hdgf-hepatoma-derived-growth-factor/277909>