

Mouse HGF activator ELISA Kit | HGFAC elisa kit

Mouse Hepatocyte growth factor activator, HGFAC ELISA Kit

CATALOG #
AAA112799

REACTIVITY
Mouse

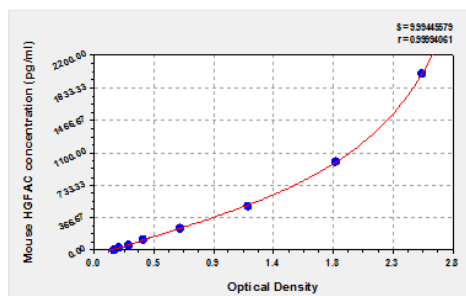
PRODUCT SYNONYMS

HGF activator; Mouse Hepatocyte growth factor activator; HGFAC ELISA Kit; Mouse Hepatocyte growth factor activator (HGFAC) ELISA kit; RP11-529E10.2; HGFA; MGC138395; MGC138397; ; HGFAC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse HGFAC. No significant cross-reactivity or interference between mouse HGFAC and analogues was observed.
Sequence Length	653
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of mouse HGFAC is typically less than 7.8 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGFAC elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HGFAC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HGFAC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HGFAC is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HGFAC bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188219651
NCBI GeneID	54426
NCBI Accession #	NP_062320.2
NCBI GenBank Nucleotide #	NM_019447.2
UniProt Accession #	Q9R098; Q9JKV4
Molecular Weight	70,568 Da
NCBI Official Full Name	hepatocyte growth factor activator preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor activator
NCBI Official Symbol	Hgfac
NCBI Official Synonym Symbols	HGFA
NCBI Protein Information	hepatocyte growth factor activator; HGF activator
UniProt Protein Name	Hepatocyte growth factor activator
UniProt Gene Name	Hgfac
UniProt Synonym Gene Names	HGF activator; HGFA
UniProt Entry Name	HGFA_MOUSE

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/hgf-mouse-elisa-kits/hgf-activator/112799>