

Human Hepatocyte Growth Factor Activator (HGFAC) ELISA Kit | HGFAC elisa kit

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CATALOG #
AAA67281

REACTIVITY
Human

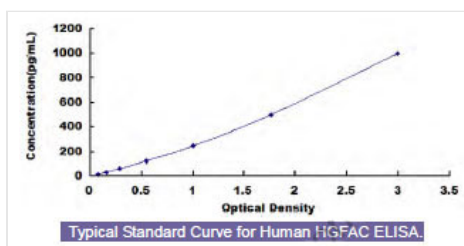
PRODUCT SYNONYMS

Hepatocyte Growth Factor Activator (HGFAC); Human Hepatocyte Growth Factor Activator (HGFAC) ELISA Kit; HGFA; HGFAP; HGF Activator; HGFAC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HGFAC. No significant cross-reactivity or interference between HGFAC and analogues was observed.
Sequence Length	662
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HGFAC 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 HGFAC 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 HGFAC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HGFAC in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HGFAC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HGFAC. 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 HGFAC, 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 HGFAC 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 #	661903023
NCBI GeneID	3083
NCBI Accession #	NP_001284368.1
NCBI GenBank Nucleotide #	NM_001297439.1
UniProt Accession #	Q04756; Q14726; Q2M1W7; Q53X47
Molecular Weight	70,682 Da
NCBI Official Full Name	hepatocyte growth factor activator isoform 1 preproprotein
NCBI Official Synonym Full Names	HGF activator
NCBI Official Symbol	HGFAC
NCBI Official Synonym Symbols	HGFA
NCBI Protein Information	hepatocyte growth factor activator
UniProt Protein Name	Hepatocyte growth factor activator
UniProt Gene Name	HGFAC
UniProt Synonym Gene Names	HGF activator; HGFA

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/human-elisa-kits/hepatocyte-growth-factor-activator-hgfac/67281>