

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

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CATALOG #
AAA140805

REACTIVITY
Rat

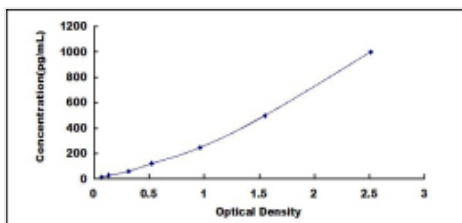
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Hepatocyte Growth Factor Activator (HGFAC). No significant cross-reactivity or interference between Hepatocyte Growth Factor Activator (HGFAC) and analogues was observed.
Sequence Length	655
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	5.6pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Hepatocyte Growth Factor Activator (HGFAC) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Hepatocyte Growth Factor Activator (HGFAC) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGFAC elisa kit	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 Hepatocyte Growth Factor Activator (HGFAC). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Hepatocyte Growth Factor Activator (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 Hepatocyte Growth Factor Activator (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 Hepatocyte Growth Factor Activator (HGFAC) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for HGFAC elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504383
NCBI GeneID	3083
NCBI Accession #	NP_001519.1
NCBI GenBank Nucleotide #	NM_001528.3
Molecular Weight	70,682 Da
NCBI Official Full Name	hepatocyte growth factor activator isoform 2 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
UniProt Entry Name	HGFA_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/hepatocyte-growth-factor-activator-hgfac/140805>