

Human HGFA ELISA Kit | HGFAC elisa kit

Human HGFA PicoKine ELISA Kit

CATALOG #
AAA46809

REACTIVITY
Human

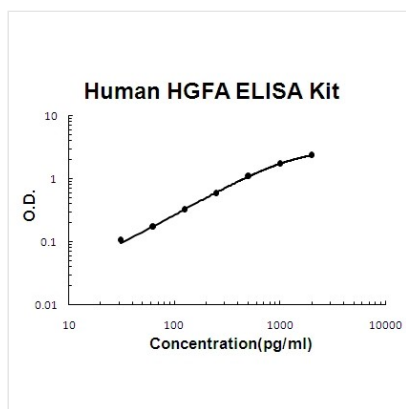
PRODUCT SYNONYMS

HGFA; Human HGFA PicoKine ELISA Kit; HGFAC; Q04756; Hepatocyte growth factor activator; HGF activator; HGFAC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human HGFA
Sequence Length	662
Samples	Cell culture supernates, cell lysates, tissue homogenates, serum and plasma (heparin, EDTA)
Assay Type	Quantitative Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

Human HGFA PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for HGFAC elisa kit	Principle of the Assay: The Human HGFA ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for HGFA has been precoated onto 96-well plates. Standards(Expression system for standard: NSO, Immunogen sequence: Q36-S655) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for HGFA is added subsequently and then followed by washing with PBS or TBS buffer. Avidin- Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human HGFA amount of sample captured in plate. Background: Hepatocyte growth factor activator, also known as HGFA, is a protein that in humans is encoded by the HGFAC gene. This gene encodes a member of the peptidase S1 protein family. The encoded protein is first synthesized as an inactive single-chain precursor before being activated to a heterodimeric form by endoproteolytic processing. It acts as serine protease that converts hepatocyte growth factor to the active form. Alternative splicing results in multiple transcript variants.
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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/hgfac-human-elisa-kits/hgfa/46809>