

Human Hepatocyte Growth Factor ELISA Kit | HGF elisa kit

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CATALOG #
AAA86111

REACTIVITY
Human

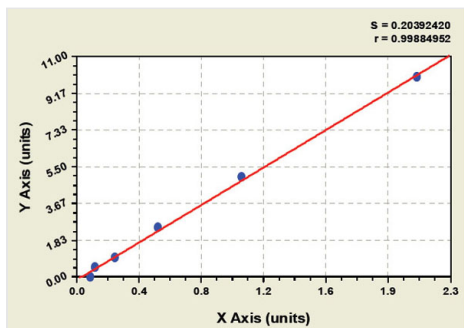
PRODUCT SYNONYMS

Hepatocyte Growth Factor; Human Hepatocyte Growth Factor ELISA Kit; HGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGF elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This HGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HGF. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY HGF ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for HGF. Standards or samples are then added to the microtiter plate wells and HGF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HGF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for HGF are added to each well to "sandwich" the HGF immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HGF and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HGF concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HGF elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	58533170
NCBI GeneID	3082
NCBI Accession #	NP_001010932.1
NCBI GenBank Nucleotide #	NM_001010932.1
Molecular Weight	24,116 Da
NCBI Official Full Name	hepatocyte growth factor isoform 3
NCBI Official Synonym Full Names	hepatocyte growth factor (hepapoietin A; scatter factor)
NCBI Official Symbol	HGF
NCBI Official Synonym Symbols	SF; HGFB; HPTA; F-TCF; DFNB39
NCBI Protein Information	hepatocyte growth factor; hepatopoeitin-A; hepatopoiectin-A; lung fibroblast-derived mitogen; fibroblast-derived tumor cytotoxic factor
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	HGF
UniProt Synonym Gene Names	HPTA; SF
UniProt Entry Name	HGF_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/hgf-human-elisa-kits/hepatocyte-growth-factor/86111>