

Human HGF ELISA Kit | HGF elisa kit

Human HGF ELISA Kit

CATALOG # AAA332538	REACTIVITY Human	APPLICATIONS ELISA
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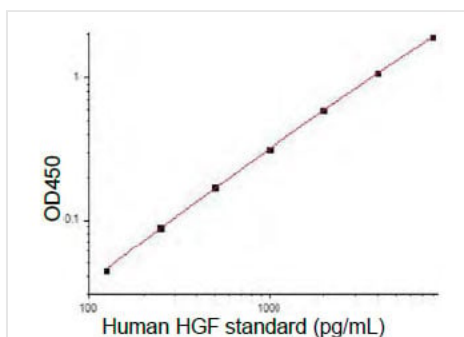
PRODUCT SYNONYMS

HGF; Human HGF ELISA Kit; DFNB39; F TCF; Fibroblast derived tumor cytotoxic factor; Hepatocyte growth factor; Hepatopoietin A; Hepatopoietin-A; Hgf; HGFB; HPTA; HGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human HGF ELISA Kit has high sensitivity and excellent specificity for detection of Human HGF. No significant cross-reactivity or interference between Human HGF and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	125 pg/mL-8,000 pg/mL
Sensitivity	60 pg/mL
Applicable Applications for HGF elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGF elisa kit	Principle of the Assay: HGF gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin.Human HGF ELISA Kit employs a double antibody sandwich method to quantitate Human HGF in samples. An antibody specific for Human HGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human HGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human HGF is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The HGF concentration is proportional to the OD450 nm value.
Product Categories/Family for HGF elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	123116
NCBI GeneID	3082
UniProt Accession #	P14210; Q02935; Q13494; Q14519; Q3KRB2; Q8TCE2; Q9BYL9; Q9BYM0; Q9UDU6; A1L3U6
Molecular Weight	728
NCBI Official Full Name	Hepatocyte growth factor
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.