

Monkey Hepatocyte Growth Factor ELISA Kit | HGF elisa kit

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CATALOG #
AAA16961

REACTIVITY
Monkey

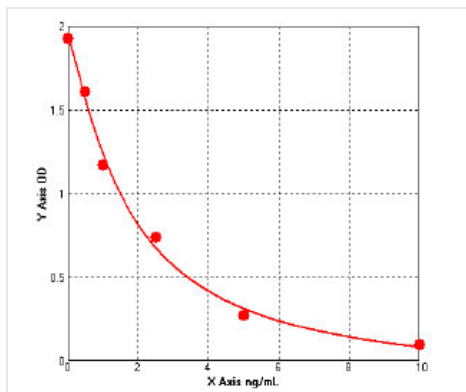
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of HGF. No significant cross-reactivity or interference between HGF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HGF and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/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	Intended Uses: This HGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MonkeyHGF. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: HGF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HGF antibody and an HGF-HRP conjugate. The assay sample and buffer are incubated together with HGF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HGF concentration since HGF from samples and HGF-HRP conjugate compete for the anti-HGF antibody binding site. Since the number of sites is limited, as more sites are occupied by HGF from the sample, fewer sites are left to bind HGF-HRP conjugate. 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; hepatopoietin-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.