

Murine HGF ELISA Kit | HGF elisa kit

Murine HGF Pre-Coated ELISA Kit

CATALOG #
AAA79370

REACTIVITY
Murine

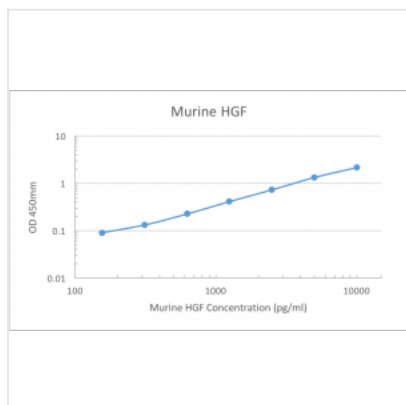
PRODUCT SYNONYMS

HGF; Murine HGF Pre-Coated ELISA Kit; HGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Murine
Specificity	Natural and recombinant Murine HGF
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Components	Anti-Murine HGF Pre-coated 96-well strip microplate Murine HGF Standard Murine HGF Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGF elisa kit	HGF is a potent, mesenchymally-derived mitogen for mature parenchymal hepatocytes, and acts as a growth factor for a broad spectrum of tissues and cell types. HGF signals through a transmembrane tyrosine kinase receptor known as MET. Activities of HGF include the induction of cell proliferation, motility, morphogenesis, inhibition of cell growth, and enhancement of neuron survival. HGF is a crucial mitogen for liver regeneration processes, especially after partial hepatectomy and other liver injuries. Human and murine HGF are cross-reactive. Murine HGF is expressed as a linear, polypeptide-precursor glycoprotein containing 696 amino acid residues. Proteolytic processing of this precursor generates the biologically active heterodimeric form of HGF, which consists of two polypeptide chains (alpha-chain and beta-chain) held together by a single disulfide bond resulting in formation of a biologically active heterodimer. Murine HGF Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure HGF with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for HGF. It contains NS0-expressed recombinant HGF. The detection antibody is a biotinylated goat polyclonal antibody specific for HGF. The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	575501559
NCBI GeneID	15234
NCBI Accession #	NP_001276387.1
NCBI GenBank Nucleotide #	NM_001289458.1
UniProt Accession #	Q08048; O55027; Q53WS5; Q61662; Q64007; Q6LBE6
Molecular Weight	24,308 Da
NCBI Official Full Name	hepatocyte growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor
NCBI Official Symbol	Hgf
NCBI Official Synonym Symbols	SF; NK1; NK2; HGF/SF; SF/HGF; C230052L06Rik
NCBI Protein Information	hepatocyte growth factor
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	Hgf
UniProt Synonym Gene Names	SF
UniProt Entry Name	HGF_MOUSE

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.