

Mouse HGF AccuSignal ELISA Kit - KOA0710
Code: KOA0710

Size: 1 Kit

Product Description: Mouse HGF AccuSignal ELISA Kit - KOA0710

PhysicalState:

Label	Unconjugated
Gene Name	HGF
Species Reactivity	Mouse
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	DFNB39, F TCF, Fibroblast derived tumor cytotoxic factor, Hepapoietin A, Hepatocyte growth factor, Hepatocyte growth factor (hepapoietin A scatter factor, Hepatocyte growth factor beta chain, Hepatopoietin-A, Hgf, HGF_HUMAN, HGFB, HPTA, Lung fibroblast derived mitogen, Scatter factor, SF
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml mouse HGF standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(EDTA, citrate) to each empty well. We recommend that each mouse HGF standard solution and each sample is measured in duplicate.
Background	Hepatocyte growth factor(HGF) is the most potent mitogen for mature parenchymal hepatocytes in primary culture, and seems to be a hepatotrophic factor that acts as a trigger for liver regeneration after partial hepatectomy and liver injury. HGF has a relative molecular mass(Mr) of 82,000 and is a heterodimer composed of a large alpha-subunit of Mr 69,000 and a small beta-subunit of Mr 34,000. The protein consists of 728 amino acid residues, including a possible signal peptide at the N-terminus. HGF may serve as a paracrine mediator to control placental development and growth. This growth factor may play an important role as a paracrine mediator of the proliferation of melanocytes and endothelial cells, as well as cells of epithelial origin. The gene encoding the human HGF is assigned to human chromosome 7.
Purity And Specificity	Natural and recombinant mouse HGF. There is no detectable cross-reactivity with other relevant proteins.
ELISA	62.5pg/ml-4000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: Q33-R495 ()&V496-L728 ()
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q08048

<http://www.uniprot.org/uniprot/Q08048>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001276387.1

GeneID - 15234

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=15234>

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