

Rat HGF ELISA Kit | HGF elisa kit

Rat HGF ELISA Kit

CATALOG # AAA106040	REACTIVITY Rat	APPLICATIONS ELISA
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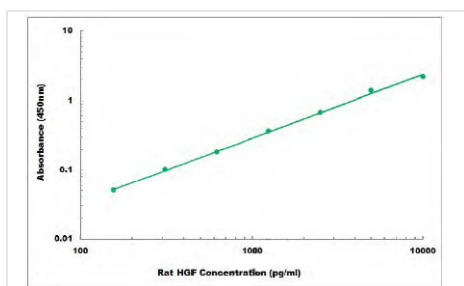
PRODUCT SYNONYMS

HGF; Rat HGF ELISA Kit; HPTA; Hepatocyte growth factor; Hepatopoietin-A; Scatter factor; SF; HGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The Rat Endothelin 1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Rat Endothelin 1 proteins within the range of 3.9 pg/ml-250 pg/ml.
Sequence Length	728
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	0.5 pg/ml.
Applicable Applications for HGF elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGF elisa kit	Principle of the Assay: The AAA Biotech' Rat Endothelin 1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Rat Endothelin 1 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Rat Endothelin 1 coated on a 96-well plate. Standards and samples are pipetted into the wells and Endothelin 1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Rat Endothelin 1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Endothelin 1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!Background/Introduction: The endothelins is a family of structurally and pharmacologically distinct peptides, which has been identified and sequenced in humans. Three isoforms of human endothelin have been identified: endothelin-1,-2, and-3. Endothelin-1 is a potent, 21-amino acid vasoconstrictor peptide produced by vascular endothelial cells. Endothelins are 21-amino acid vasoconstricting peptides produced primarily in the endothelium having a key role in vascular homeostasis. Endothelins are implicated in vascular diseases of several organ systems, including the heart, general circulation and brain. Endothelins are proteins that constrict blood vessels and raise blood pressure. They are normally kept in balance by other mechanisms, but when they are over-expressed, they contribute to high blood pressure (hypertension) and heart disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393526
NCBI GeneID	24446
NCBI Accession #	NP_058713.1
NCBI GenBank Nucleotide #	NM_017017.2
UniProt Accession #	P17945
Molecular Weight	82,906 Da
NCBI Official Full Name	hepatocyte growth factor preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor
NCBI Official Symbol	Hgf
NCBI Official Synonym Symbols	HPTA
NCBI Protein Information	hepatocyte growth factor; SF; scatter factor; hepatopoeitin-A; hepatopoietin-A
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	Hgf
UniProt Synonym Gene Names	SF
UniProt Entry Name	HGF_RAT

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.