

Porcine Hepatocyte Growth Factor (HGF) ELISA Kit | HGF elisa kit

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CATALOG #
AAA68412

REACTIVITY
Porcine

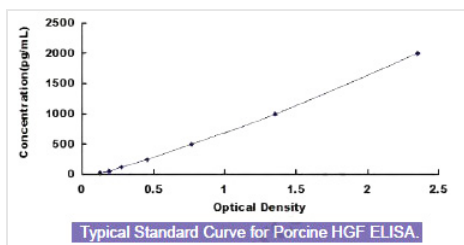
PRODUCT SYNONYMS

Hepatocyte Growth Factor (HGF); Porcine Hepatocyte Growth Factor (HGF) ELISA Kit; HGF; F-TCF; HGFB; HPTA; SF; Scatter Factor; Hepapoielin A; Fibroblast-Derived Tumor Cytotoxic Factor; Lung Fibroblast-Derived Mitogen; HGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
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.
Sequence Length	730
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	<12.4pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HGF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HGF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HGF elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HGF in porcine serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HGF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HGF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HGF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HGF in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311264659
NCBI GeneID	100525120
NCBI Accession #	XP_003130270.1
NCBI GenBank Nucleotide #	XM_003130222.5
UniProt Accession #	F1SB93
Molecular Weight	83,264 Da
NCBI Official Full Name	hepatocyte growth factor isoform X3
NCBI Official Symbol	HGF
NCBI Protein Information	hepatocyte growth factor
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	HGF

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.

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Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/hepatocyte-growth-factor-hgf/68412>