

Pig hepatocyte growth factor ELISA Kit | HGF elisa kit

Pig hepatocyte growth factor (HGF) ELISA Kit

CATALOG # AAA55702	REACTIVITY Pig
------------------------------	--------------------------

PRODUCT SYNONYMS

hepatocyte growth factor; Pig hepatocyte growth factor (HGF) ELISA Kit; HGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig HBEGF. No significant cross-reactivity or interference between Pig HBEGF and analogues was observed.
Sequence Length	6
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HGF elisa kit	Intended Uses: For the quantitative detection of Pig Heparin-binding EGF-like growth factor (HBEGF) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HBEGF in Pig serum, plasma. An antibody specific for HBEGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HBEGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HBEGF is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HBEGF bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	237997
NCBI Official Full Name	hepatocyte growth factor, partial

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.