

Pig heparin-binding EGF-like growth factor ELISA Kit | HBEGF elisa kit

Pig heparin-binding EGF-like growth factor (HBEGF) ELISA Kit

CATALOG # AAA55760	REACTIVITY Pig
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PRODUCT SYNONYMS

heparin-binding EGF-like growth factor; Pig heparin-binding EGF-like growth factor (HBEGF) ELISA Kit; HBEGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig HPX. No significant cross-reactivity or interference between Pig HPX and analogues was observed.
Sequence Length	208
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL-20 ng/mL
Sensitivity	0.1 ng/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 HBEGF elisa kit	Intended Uses: For the quantitative detection of Pig Hemopexin (HPX) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HPX in Pig serum, plasma. An antibody specific for HPX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HPX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HPX 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 HPX bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523658
NCBI GeneID	397564
NCBI Accession #	NP_999464.1
NCBI GenBank Nucleotide #	NM_214299.1
UniProt Accession #	Q01580

Molecular Weight	22,986 Da
NCBI Official Full Name	proheparin-binding EGF-like growth factor
NCBI Official Symbol	HBEGF
NCBI Official Synonym Symbols	DTR
NCBI Protein Information	proheparin-binding EGF-like growth factor
UniProt Protein Name	Proheparin-binding EGF-like growth factor
UniProt Gene Name	HBEGF
UniProt Synonym Gene Names	DTR; HEGFL; HB-EGF; HBEGF

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://www.aaabiotech.com/hbegf-pig-elisa-kits/heparin-binding-egf-like-growth-factor/55760>