

Pig Hepcidin ELISA Kit | HAMP elisa kit

Pig Hepcidin (HAMP) ELISA Kit

CATALOG # AAA55529	REACTIVITY Pig
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PRODUCT SYNONYMS

Hepcidin; Pig Hepcidin (HAMP) ELISA Kit; HAMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig HAMP. No significant cross-reactivity or interference between Pig HAMP and analogues was observed.
Sequence Length	84
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.625 ng/mL - 40 ng/mL
Sensitivity	0.31 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 HAMP elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HAMP in Pig serum, plasma, tissue homogenates. An antibody specific for HAMP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HAMP present is bound by the immobilized antibody. After removing any unbound substances, a biotin- conjugated antibody specific for HAMP 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 HAMP bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Pig Hepcidin (HAMP) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523042
NCBI GeneID	397207
NCBI Accession #	NP_999282.1
NCBI GenBank Nucleotide #	NM_214117.1

UniProt Accession #	Q8MJ80
Molecular Weight	8,771 Da
NCBI Official Full Name	hepcidin
NCBI Official Symbol	HAMP
NCBI Protein Information	hepcidin
UniProt Protein Name	Hepcidin
UniProt Gene Name	HAMP

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/hamp-pig-elisa-kits/hepcidin/55529>