

Horse hepcidin antimicrobial peptide ELISA Kit | HAMP elisa kit

Horse Hepcidin, HAMP ELISA Kit

CATALOG #
AAA80965

REACTIVITY
Horse

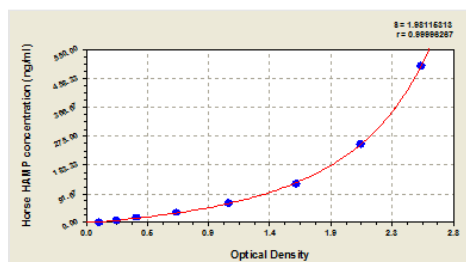
PRODUCT SYNONYMS

hepcidin antimicrobial peptide; Horse Hepcidin; HAMP ELISA Kit; Horse Hepcidin (HAMP) ELISA kit; HEPC; HEPCIDIN; HFE2B; LEAP-1; LEAP1; PLTR; liver-expressed antimicrobial peptide; putative liver tumor regressor; HAMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of horse HAMP. No significant cross-reactivity or interference between horse HAMP and analogues was observed.
Sequence Length	84
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	7.8 ng/ml-500 ng/ml.
Sensitivity	The minimum detectable dose of horse HAMP is typically less than 1.95 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HAMP elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758218
NCBI GeneID	84604
NCBI Accession #	NP_445921.1
NCBI GenBank Nucleotide #	NM_053469.1
UniProt Accession #	Q99MH3
Molecular Weight	9,286 Da
NCBI Official Full Name	hepcidin
NCBI Official Synonym Full Names	hepcidin antimicrobial peptide
NCBI Official Symbol	Hamp
NCBI Official Synonym Symbols	Hepc
NCBI Protein Information	hepcidin
UniProt Protein Name	Hepcidin
UniProt Gene Name	Hamp
UniProt Synonym Gene Names	Hepc
UniProt Entry Name	HEPC_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.

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Online datasheet: <https://stage.aaabiotech.com/hamp-horse-elisa-kits/hepcidin-antimicrobial-peptide/80965>