

Mouse hepcidin antimicrobial peptide ELISA Kit | HAMP elisa kit

Mouse hepcidin, Hepc ELISA Kit

CATALOG #
AAA80782

REACTIVITY
Mouse

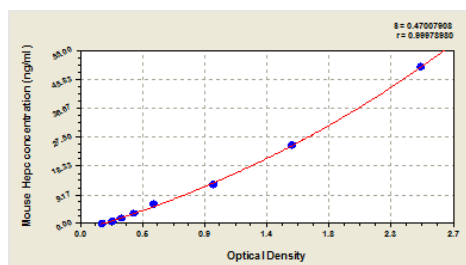
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of human HELIX-II. No significant cross-reactivity or interference between human HELIX-II and analogues was observed.
Sequence Length	83
Samples	Serum, Plasma, Urine
Assay Type	Quantitative Sandwich
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	0.312 ng/ml.
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 HELIX-II has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HELIX-II present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HELIX-II 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 HELIX-II 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 #	14211542
NCBI GeneID	84506
NCBI Accession #	NP_115930.1
NCBI GenBank Nucleotide #	NM_032541.1
UniProt Accession #	Q9EQ21
Molecular Weight	9,352 Da
NCBI Official Full Name	hepcidin
NCBI Official Synonym Full Names	hepcidin antimicrobial peptide
NCBI Official Symbol	Hamp
NCBI Official Synonym Symbols	Hepc; Hamp1; Hepc1
NCBI Protein Information	hepcidin; hepcidin antimicrobial peptide 1
UniProt Protein Name	Hepcidin
UniProt Gene Name	Hamp
UniProt Synonym Gene Names	Hamp1; Hepc; Hepc1
UniProt Entry Name	HEPC_MOUSE

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-mouse-elisa-kits/hepcidin-antimicrobial-peptide/80782>