

Human hepcidin antimicrobial peptide ELISA Kit | HAMP elisa kit

Human hepcidin, Hepc ELISA Kit

CATALOG #
AAA80375

REACTIVITY
Human

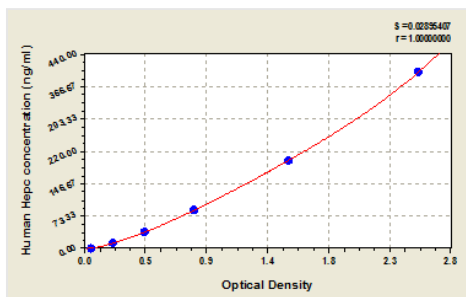
PRODUCT SYNONYMS

hepcidin antimicrobial peptide; Human hepcidin; Hepc ELISA Kit; Human 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Hepc. No significant cross-reactivity or interference between human Hepc and analogues was observed.
Sequence Length	84
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	12.5 ng/ml-300 ng/ml
Sensitivity	< 6.25 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 Hepc has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for Hepc. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Hepc bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863973
NCBI GeneID	57817
NCBI Accession #	NP_066998.1
NCBI GenBank Nucleotide #	NM_021175.2
UniProt Accession #	P81172; Q1HE14; Q9BY68
Molecular Weight	9,408 Da
NCBI Official Full Name	hepcidin preproprotein
UniProt Protein Name	Hepcidin
UniProt Gene Name	HAMP
UniProt Synonym Gene Names	HEPC; LEAP1; UNQ487/PRO1003; LEAP-1; PLTR; Hepc25; Hepc20
UniProt Entry Name	HEPC_HUMAN

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-human-elisa-kits/hepcidin-antimicrobial-peptide/80375>