

Mouse Hepc ELISA Kit | Hepc elisa kit

Mouse Hepc (Hepcidin) ELISA Kit

CATALOG #
AAA164275

REACTIVITY
Mouse

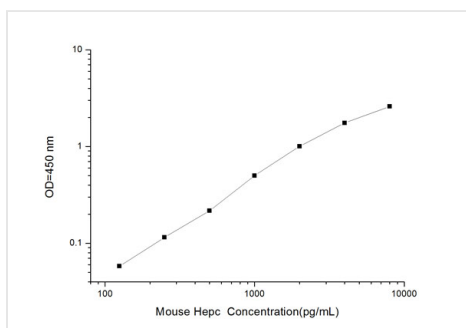
PRODUCT SYNONYMS

Hepc; Mouse Hepc (Hepcidin) ELISA Kit; Hepc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse Hepc. No significant cross-reactivity or interference between Mouse Hepc and analogues was observed.
Sequence Length	84
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Mouse Hepc concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hepc elisa kit	Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Hepc. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Hepc and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Hepc, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Hepc. You can calculate the concentration of Hepc in the samples by comparing the OD of the samples to the standard curve.
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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
NCBI Official Synonym Full Names	hepcidin antimicrobial peptide
NCBI Official Symbol	HAMP
NCBI Official Synonym Symbols	HEPC; PLTR; HFE2B; LEAP1
NCBI Protein Information	hepcidin; liver-expressed antimicrobial peptide 1; putative liver tumor regressor
UniProt Protein Name	Hepcidin
UniProt Gene Name	HAMP
UniProt Synonym Gene Names	HEPC; LEAP1; 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://www.aaabiotech.com/mouse-elisa-kits/hepc/164275>