

Mouse Hepcidin ELISA Kit | Hamp elisa kit

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CATALOG #
AAA310161

REACTIVITY
Mouse

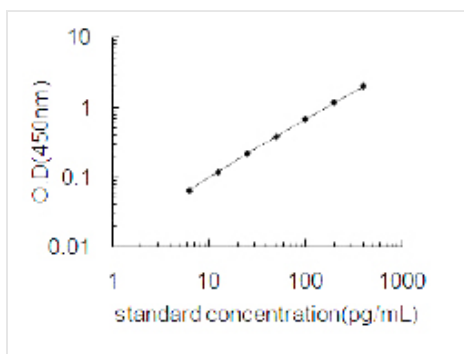
PRODUCT SYNONYMS

Hepcidin; Mouse Hepcidin ELISA Kit; Hamp; Hamp1; Hepc; Hepc1; Hamp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Hepcidin. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	6.25 pg/mL -400 pg/mL
Sensitivity	<1.88 pg/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hamp elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Hepcidin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hepcidin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Hepcidin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Hepcidin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Hepcidin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14211542
NCBI GeneID	84506
NCBI Accession #	NP_115930.1
NCBI GenBank Nucleotide #	NM_032541.2
UniProt Accession #	Q9EQ21
Molecular Weight	9,352 Da
NCBI Official Full Name	hepcidin preproprotein
NCBI Official Synonym Full Names	hepcidin antimicrobial peptide
NCBI Official Symbol	Hamp
NCBI Official Synonym Symbols	Hepc; Hamp1; Hepc1
NCBI Protein Information	hepcidin
UniProt Protein Name	Hepcidin
UniProt Gene Name	Hamp
UniProt Synonym Gene Names	Hamp1; Hepc; Hepc1

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/310161>