

Mouse Hepcidin 25 (Hepc25) ELISA Kit | Hepc25 elisa kit

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CATALOG #
AAA179902

REACTIVITY
Mouse

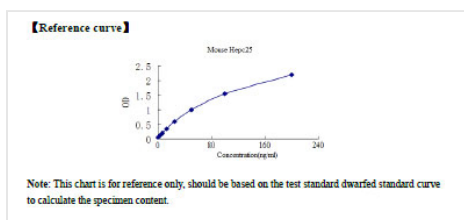
PRODUCT SYNONYMS

Hepcidin 25 (Hepc25); Mouse Hepcidin 25 (Hepc25) ELISA Kit; Hepc25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	84
Samples	Mouse serum, plasma or cell culture supernatant and organizations in the natural and recombinant Hepc25 concentration.
Assay Type	Sandwich
Detection Range	200 ng/ml-3.12 ng/ml
Sensitivity	0.6 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hepc25 elisa kit

Principle of the Assay||This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Mouse Hepc25 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

References

[Na⁺/H⁺ exchanger 3 inhibitor diminishes hepcidin-enhanced duodenal calcium transport in hemizygous \$\beta\$ -globin knockout thalassemic mice.](#) Charoenphandhu, N., Kraidith, K., Lertsuwan, K. et al. (2016)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863973
NCBI GeneID	57817
NCBI Accession #	NP_066998.1
NCBI GenBank Nucleotide #	NM_021175.2
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; putative liver tumor regressor; liver-expressed antimicrobial peptide 1
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/mouse-elisa-kits/hepcidin-25-hepc25/179902>