

Goat Hepcidin ELISA Kit | Hepc elisa kit

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CATALOG #
AAA92483

REACTIVITY
Goat

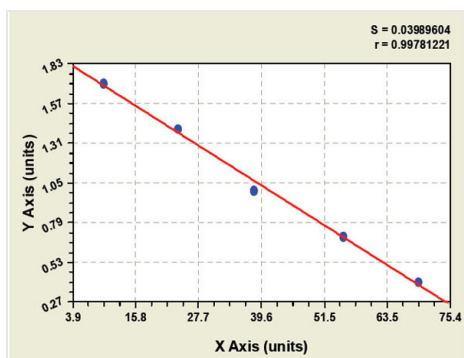
PRODUCT SYNONYMS

Hepcidin; Goat Hepcidin ELISA Kit; Hepc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Hepc ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Hepc. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hepc elisa kit

Principle of the Assay: Hepc ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Hepc antibody and an Hepc-HRP conjugate. The assay sample and buffer are incubated together with Hepc-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Hepc concentration since Hepc from samples and Hepc-HRP conjugate compete for the anti-Hepc antibody binding site. Since the number of sites is limited, as more sites are occupied by Hepc from the sample, fewer sites are left to bind Hepc-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Hepc concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Hepc elisa kit

Cardiovascular

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/hepc-goat-elisa-kits/hepcidin/92483>