

Rat Hepcidin Antimicrobial Peptide ELISA Kit

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CATALOG #
AAA122895

REACTIVITY
Rat

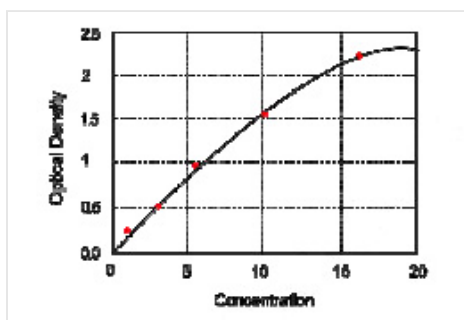
PRODUCT SYNONYMS

Hepcidin Antimicrobial Peptide; Rat Hepcidin Antimicrobial Peptide ELISA Kit; Hepcidin Antimicrobial Peptide elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	54
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-150ng/ml
Sensitivity	0.32ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hepcidin Antimicrobial Peptide elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Heparin (also known as Hep) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Hep antibody. Hep present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Hep Antibody is added and binds to Hep in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Hep antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Hep. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1243976861
NCBI Official Full Name	hepcidin antimicrobial peptide, partial

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/rat-elisa-kits/hepcidin-antimicrobial-peptide/122895>