

Human Hepcidin Prohormone/Pro-Hepcidin, Pro-Hepc ELISA Kit

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CATALOG #
AAA41445

REACTIVITY
Human

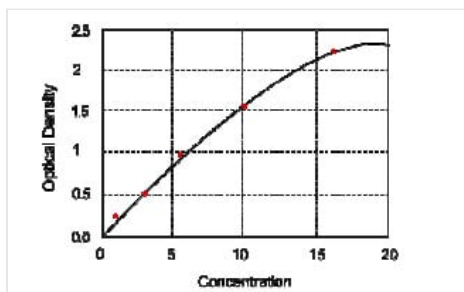
PRODUCT SYNONYMS

Hepcidin Prohormone/Pro-Hepcidin; Pro-Hepc; Human Hepcidin Prohormone/Pro-Hepcidin; Pro-Hepc ELISA Kit; Pro-Hepc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-3800ng/ml
Sensitivity	10.33ng/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 Prohormone/Pro-Hepcidin, Pro-Hepc elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Hepcidin Prohormone;Pro-Hepcidin (also known as Pro-Hepc) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Pro-Hepc antibody. Pro-Hepc present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Pro-Hepc Antibody is added and binds to Pro-Hepc in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Pro-Hepc 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 Human Pro-Hepc. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/hepcidin-prohormone-pro-hepcidin-pro-hepc/41445>