

Human Hepcidin 25 (HEPC25) ELISA Kit | HEPC25 elisa kit

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CATALOG #
AAA331951

REACTIVITY
Human

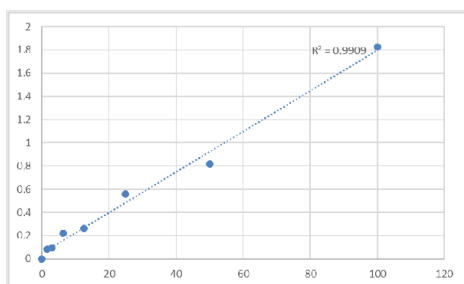
PRODUCT SYNONYMS

Hepcidin 25 (HEPC25); Human Hepcidin 25 (HEPC25) ELISA Kit; HEPC25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Hepcidin 25 (HEPC25) ELISA Kit has high sensitivity and excellent specificity for detection of Human HEPC25. No significant cross-reactivity or interference between Human HEPC25 and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Hepcidin 25 (HEPC25) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for HEPC25 elisa kit	Description: This Human Hepcidin 25 (HEPC25) ELISA Kit employs a two-site sandwich ELISA to quantitate HEPC25 in samples. An antibody specific for HEPC25 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HEPC25 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HEPC25 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HEPC25 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Hepcidin is a 25 amino-acid (aa) cystein-rich peptide involved in iron metabolism: it regulates both intestinal iron absorption and macrophage iron recycling. There are several clinical applications for hepcidin measurements such as iron overload disorders and anemia, chronic inflammation, kidney disease and cancer. This peptide can also be found in the 20, 22 and 24-aa isoforms; however the histopathological relevance of these isoforms still needs to be determined and they are most likely the result of the degradation of the bioactive 25-aa isoform.
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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/human-elisa-kits/hepcidin-25-hepc25/331951>