

Human HEPH ELISA Kit | HEPH elisa kit

Human HEPH (Hephaestin) ELISA Kit

CATALOG #
AAA165830

REACTIVITY
Human

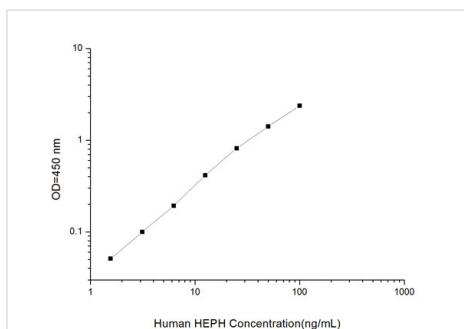
PRODUCT SYNONYMS

HEPH; Human HEPH (Hephaestin) ELISA Kit; HEPH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human HEPH. No significant cross-reactivity or interference between Human HEPH and analogues was observed.
Sequence Length	969
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HEPH elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanHEPHconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to HEPH. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for HEPH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain HEPH, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of HEPH. You can calculate the concentration of HEPH in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	531034761
NCBI GeneID	9843
NCBI Accession #	NP_001269070.1
NCBI GenBank Nucleotide #	NM_001282141.1
Molecular Weight	100,624 Da
NCBI Official Full Name	hephaestin isoform d
NCBI Official Synonym Full Names	hephaestin
NCBI Official Symbol	HEPH
NCBI Official Synonym Symbols	CPL
NCBI Protein Information	hephaestin
UniProt Protein Name	Hephaestin
UniProt Gene Name	HEPH
UniProt Synonym Gene Names	KIAA0698
UniProt Entry Name	HEPH_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.