

Human Hemopexin ELISA Kit | HPX elisa kit

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CATALOG #
AAA85767

REACTIVITY
Human

PRODUCT SYNONYMS

Hemopexin; Human Hemopexin ELISA Kit; HPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	100 -2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HPX elisa kit	Intended Uses: This HPX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HPX. This ELISA kit for research use only! Principle of the Assay HPX ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for HPX. Standards or samples are then added to the microtiter plate wells and HPX if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HPX present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for HPX are added to each well to "sandwich" the HPX immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HPX and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HPX concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HPX elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	184497
NCBI GeneID	3263
Molecular Weight	51,676 Da
NCBI Official Full Name	hemopexin
NCBI Official Synonym Full Names	hemopexin
NCBI Official Symbol	HPX

NCBI Official Synonym Symbols	HX
NCBI Protein Information	hemopexin; beta-1B-glycoprotein
UniProt Protein Name	Hemopexin
UniProt Gene Name	HPX
UniProt Entry Name	HEMO_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://www.aaabiotech.com/hpx-human-elisa-kits/hemopexin/85767>