

Rabbit Hemopexin ELISA Kit | HPX elisa kit

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CATALOG #
AAA82151

REACTIVITY
Rabbit

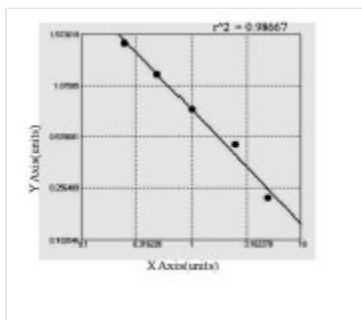
PRODUCT SYNONYMS

Hemopexin; Rabbit Hemopexin ELISA Kit; HPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

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 Rabbit HPX. This ELISA kit for research use only!

Principle of the Assay: HPX ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HPX antibody and an HPX-HRP conjugate. The assay sample and buffer are incubated together with HPX-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HPX concentration since HPX from samples and HPX-HRP conjugate compete for the anti-HPX antibody binding site. Since the number of sites is limited, as more sites are occupied by HPX from the sample, fewer sites are left to bind HPX-HRP conjugate. 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.

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-rabbit-elisa-kits/hemopexin/82151>