

Rat Hemopexin ELISA Kit | HPX elisa kit

Rat Hemopexin ELISA Kit

CATALOG # AAA76941	REACTIVITY Rat
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PRODUCT SYNONYMS

Hemopexin; Rat Hemopexin ELISA Kit; Rat Hemopexin; HPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Immunoperoxidase Assay for Determination of Hemopexin in Rat Samples
Assay Type	Sandwich
Intended Uses	The Hemopexin test kits are a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring Hemopexin in biological samples of rats.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for HPX elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the Hemopexin present in samples reacts with the anti-Hemopexin antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-HX antibodies conjugated with horseradish peroxidase (HRP), are added. These enzyme-labeled antibodies form complexes with the previously bound HX. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of HX in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of HX in the test sample. The quantity of HX in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Background: Hemopexin (HX) is the plasma protein with the highest binding affinity to heme among known proteins. It is mainly expressed in liver and belongs to acute phase reactants, the synthesis of which is induced after inflammation. This ELISA kit can be used to measure Hemopexin in serum, tissue extracts and other biological fluids.
Product Categories/Family for HPX elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	184497
NCBI GeneID	3263
UniProt Accession #	P02790 ; B2R957 ; Q9BS19
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; FLJ56652; HPX
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/rat-elisa-kits/hemopexin/76941>