

Sheep Hemopexin ELISA Kit | HPX elisa kit

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CATALOG #
AAA92349

REACTIVITY
Sheep

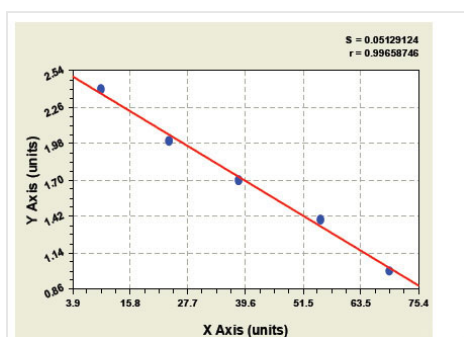
PRODUCT SYNONYMS

Hemopexin; Sheep Hemopexin ELISA Kit; HPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/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 Hemopexin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Hemopexin. This ELISA kit for research use only!

Principle of the Assay||Hemopexin ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-Hemopexin antibody and an Hemopexin-HRP conjugate. The assay sample and buffer are incubated together with Hemopexin-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 Hemopexin concentration since Hemopexin from samples and Hemopexin-HRP conjugate compete for the anti-Hemopexin antibody binding site. Since the number of sites is limited, as more sites are occupied by Hemopexin from the sample, fewer sites are left to bind Hemopexin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Hemopexin 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hpx-sheep-elisa-kits/hemopexin/92349>