

Datasheet for ABIN5510645

Hemopexin ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	Hemopexin (HPX)
Binding Specificity:	AA 24-462
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Hemopexin
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: T24-H462
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed by the liver and secreted in plasma.

Target Details

Target:	Hemopexin (HPX)
Alternative Name:	HPX (HPX Products)

Target Details

Background:	<p>Protein Function: Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation.</p> <p>Background: Hemopexin (or haemopexin, HPX), also known as beta-1B-glycoprotein, is a protein that in humans is encoded by the HPX gene and belongs to hemopexin family of proteins. Hemopexin binds heme with the highest affinity of any known protein. Its function is scavenging the heme released or lost by the turnover of heme proteins such as hemoglobin and thus protects the body from the oxidative damage that free heme can cause. In addition, hemopexin releases its bound ligand for internalisation upon interacting with a specific receptor situated on the surface of liver cells. This function of hemopexin is to preserve the body's iron.</p> <p>Synonyms: Hemopexin,Beta-1B-glycoprotein,HPX,</p> <p>Full Gene Name: Hemopexin</p> <p>Cellular Localisation: Secreted.</p>
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UniProt:	P02790
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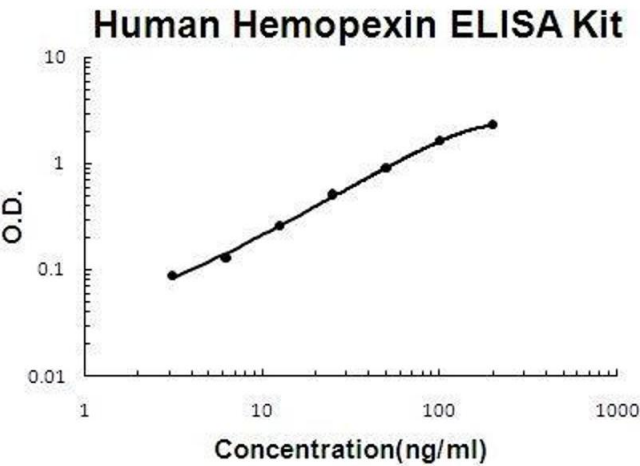
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response
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Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months



ELISA

Image 1. Human Hemopexin PicoKine ELISA Kit standard curve