

Active Human Hemopexin Reference Standard

Cat. No. HPX-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Hemopexin binds heme with the highest affinity of any known protein. Its performs functions in scavenging the heme released or lost by the turnover of heme proteins such as hemoglobin, 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, thus implicated in preservation of the body's iron. High hemopexin levels indicate that there has been significant degradation of heme containing compounds and hemopexin is made to scavenge any heme it can, and high hemopexin levels are therefore one of the diagnostic features of a hemolytic anemia.
Form	Liquid
Bio-activity	The level of Hemopexin in the serum was quantified using ELISA.
Usage	For research use only, not for diagnostic or therapeutic use.
Quality Control Test	Generated from a human serum pool. This lot has been tested by standard laboratory procedures and found to be negative for HIV 1, HIV 2, Hepatitis B and Hepatitis C.
Storage	Stored at -20 °C, 4 °C for less than seven days, frozen for greater than seven days.

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Concentration	1.16 mg/ml
Preservative	0.1% sodium azide
GENE INFORMATION	
Gene Name	HPX hemopexin [Homo sapiens]
Official Symbol	HPX
Synonyms	HPX; hemopexin; beta-1B-glycoprotein; HX; FLJ56652;
Gene ID	3263
mRNA Refseq	NM_000613
Protein Refseq	NP_000604
MIM	142290
UniProt ID	P02790
Chromosome Location	11p15.5-p15.4
Function	binding; heme transporter activity; metal ion binding; protein binding;

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