

ARG81581 Human HPX / Hemopexin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81581-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81581-002	Standard	2 X 200 ng/vial	4°C
ARG81581-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81581-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81581-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81581-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81581-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81581-008	25X Wash buffer	20 ml	4°C
ARG81581-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81581-010	STOP solution	10 ml (Ready to use)	4°C
ARG81581-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81581 Human HPX / Hemopexin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human HPX / Hemopexin in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	HPX / Hemopexin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.56 ng/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	3.12 - 200 ng/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.5% Inter-Assay CV: 6.5%
Alternate Names	Hemopexin; HX; Beta-1B-glycoprotein

Application Instructions

Assay Time	~ 5 hours
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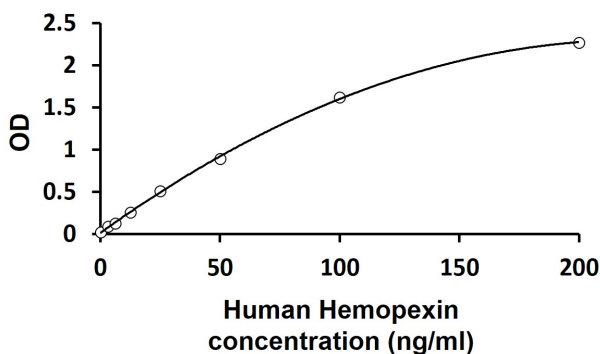
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HPX
Gene Full Name	hemopexin
Background	This gene encodes a plasma glycoprotein that binds heme with high affinity. The encoded protein is an acute phase protein that transports heme from the plasma to the liver and may be involved in protecting cells from oxidative stress. [provided by RefSeq, Apr 2009]
Function	Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation. [UniProt]
Highlight	Related products: HPX / Hemopexin antibodies ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans. O-glycosylation in the 30-40 region is minor compared to glycosylation at Thr-24 and Thr-29. [UniProt]

Images



ARG81581 Human HPX / Hemopexin ELISA Kit standard curve image

ARG81581 Human HPX / Hemopexin ELISA Kit results of a typical standard run with optical density reading at 450 nm.