

Product datasheet

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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 Immuni	oassay 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 $100 \ \mu l$

Precision Intra-Assay CV: 5.5%

Inter-Assay CV: 6.5%

Alternate Names Hemopexin; HX; Beta-1B-glycoprotein

Application Instructions

Assay Time ~ 5 hours

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]

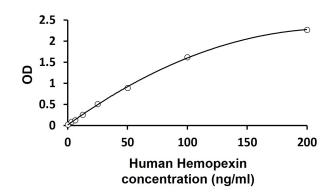
Highlight Related products:

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.