

ARG83506 Rat HPX / Hemopexin ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83506 Rat HPX / Hemopexin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat HPX / Hemopexin in Plasma and Serum
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	HPX / Hemopexin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.125 ng/ml
Sample Type	Plasma and Serum
Standard Range	6.25 - 400 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Hemopexin; HX; Beta-1B-glycoprotein

Application Instructions

Assay Time	1.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°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]

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]
Cellular Localization	Secreted. [UniProt]