

Datasheet for ABIN4883218

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

## Overview

Quantity:	96 tests
Target:	Hemopexin (HPX)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.2 g/mL-50 ng/mL
Minimum Detection Limit:	0.2 ng/mL
Application:	ELISA

## Product Details

Purpose:	Human Hemopexin ELISA Kit for serum, plasma, and cell culture supernatant samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects human hemopexin. Other species not determined.
Sensitivity:	0.2 g/mL
Characteristics:	<ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul>
Components:	<ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li></ul>

## Product Details

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- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

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### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

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Target: Hemopexin (HPX)

Alternative Name: Hemopexin ([HPX Products](#))

Gene ID: 3263

UniProt: [P02790](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

## Application Details

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Application Notes: Recommended Dilution for serum and plasma samples 100,000 fold

Sample Volume: 100 µL

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 100 µL of standard or sample to each well.
3. Incubate 2.5 h at RT or O/N at 4 °C.
4. Add 100 µL of prepared biotin antibody to each well.
5. Incubate 1 h at RT.

## Application Details

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6. Add 100  $\mu\text{L}$  of prepared Streptavidin solution to each well.
7. Incubate 45 min at RT.
8. Add 100  $\mu\text{L}$  of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50  $\mu\text{L}$  of Stop Solution to each well.
11. Read at 450 nm immediately.

Restrictions: For Research Use only

## Handling

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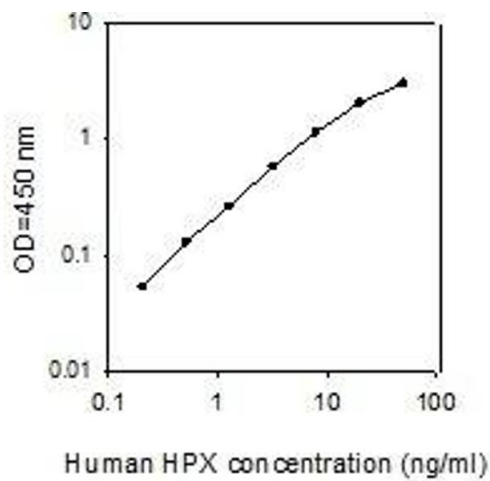
Storage:  $-20\text{ }^{\circ}\text{C}$

Storage Comment: The entire kit may be stored at  $-20\text{ }^{\circ}\text{C}$  for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at  $4\text{ }^{\circ}\text{C}$  for up to 6 months. For extended storage, it is recommended to store at  $-80\text{ }^{\circ}\text{C}$ .

Expiry Date: 6 months

## Images

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**ELISA**

**Image 1.**