abcam

Product datasheet

Human Hemopexin ELISA Kit (HPX) ab108859

★★★★★ 3 Abreviews 5 References 画像数 2

製品の概要

製品名 Human Hemopexin ELISA Kit (HPX)

検出方法 Colorimetric

再現性

Intra-Assay（同時再現性）

サンプル	N	平均値	SD	CV%
Overall				5.8%

Inter-Assay（日差再現性）

サンプル	N	平均値	SD	CV%
Overall				9.8%

サンプルの種類 Serum, Plasma

アッセイタイプ Competitive

検出感度 > 70 ng/ml

検出範囲 0.078 µg/ml - 20 µg/ml

添加回収試験 102 %

全工程の試験時間 2h 00m

ステップ Multiple steps standard assay

種交差性 **交差種:** Human

製品の概要 Abcam's Hemopexin (HPX) Human *in vitro* competitive ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed for the quantitive measurement of hemopexin levels in plasma and serum.

A Hemopexin specific antibody has been precoated onto 96-well plates and blocked. Standards or test samples are added to the wells and subsequently biotinylated Hemopexin is added and then followed by washing with wash buffer. Streptavidin-Peroxidase Complex is added and unbound conjugates are washed away with wash buffer. TMB is then used to visualize Streptavidin-Peroxidase enzymatic reaction. TMB is catalyzed by Streptavidin-Peroxidase to produce a blue color product that changes into yellow after adding acidic stop solution. The density of yellow coloration is inversely proportional to the amount of Hemopexin captured in plate.

Get results in 90 minutes with Human Hemopexin ELISA Kit (**ab171576**) from our SimpleStep ELISA® range.

The entire kit may be stored at -20°C for long term storage before reconstitution - Avoid repeated freeze-thaw cycles.

試験プラットフォーム Microplate

製品の特性

保存方法 Store at -20°C. Please refer to protocols.

内容	1 x 96 tests
100X Streptavidin-Peroxidase Conjugate	1 x 80µl
10X Diluent N Concentrate	1 x 30ml
20X Wash Buffer Concentrate	1 x 30ml
2X Biotinylated Human Hemopexin (Lyophilized)	1 vial
Chromogen Substrate	1 x 7ml
Hemopexin Microplate (12 x 8 well strips)	1 unit
Hemopexin Standard	1 vial
Sealing Tapes	3 units
Stop Solution	1 x 11ml

機能 Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation.

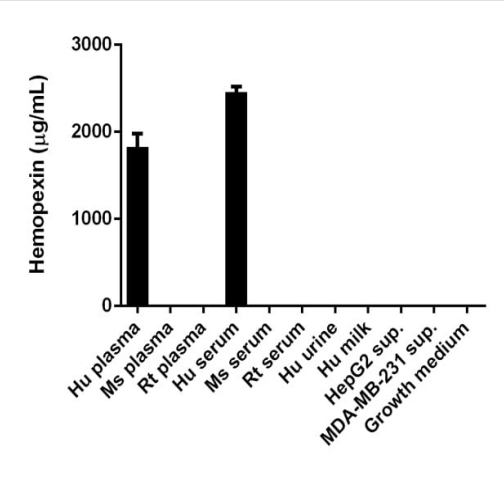
組織特異性 Expressed by the liver and secreted in plasma.

配列類似性 Belongs to the hemopexin family.
Contains 5 hemopexin-like domains.

翻訳後修飾 N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans.

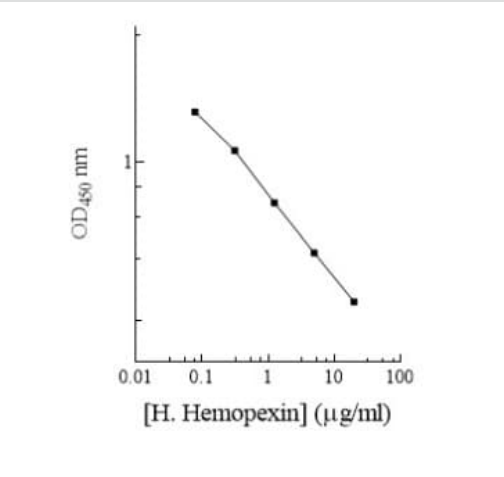
細胞内局在 Secreted.

画像



Competitive ELISA - Hemopexin (ab108859

Hemopexin measured in various biological fluids showing quantity (µg) per mL of tested sample



Typical Standard Curve

Representative Standard Curve using ab108859.

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