

Product Datasheet

Heme Assay Kit (Colorimetric)

KA1617

Unit Size: 1 Kit

Store at 4°C.

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KA1617**Heme Assay Kit (Colorimetric)****Product Information**

| | |
|----------------------|--|
| Unit Size | 1 Kit |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Store at 4°C. |

Product Description

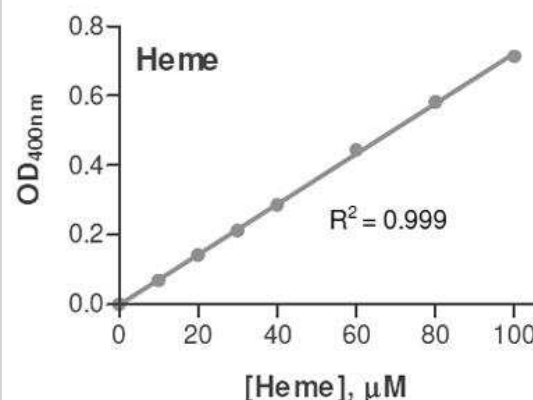
| | |
|-----------------------------|--|
| Description | Quality control test: Standard Curve Heme Assay Kit is a colorimetric determination of total heme at 400 nm. |
| Species | Human, All Species |
| Reactivity Notes | Human reactivity reported in scientific literature (PMID: 23755951). |
| Kit Components | Reagent, Calibrator: (equivalent to 62.5 µM heme) |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Standard Curve Range | 0.6 to 125 µM |
| Sensitivity | 0.6 µM |
| Assay Type | Colorimetric |
| Suitable Sample Type | Blood, Plasma, Serum, Urine |
| Sample Volume | 100 µL |

Product Application Details

| | |
|------------------------------|------------|
| Applications | Functional |
| Recommended Dilutions | Functional |

Images

Heme Assay Kit (Colorimetric) [KA1617] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.



Publications

Archita M, Jing L, Hanting T et al. Excess heme upregulates heme oxygenase 1 and promotes cardiac ferroptosis in mice with sickle cell disease. *Blood*. 2022-02-10 [PMID: 34388243]

J Liu, S Lane, R Lall, M Russo, L Farrell, M Debreli Co, C Curtin, R Araujo-Gut, M Scherrer-C, BH Trachtenbe, J Kim, E Tolosano, A Ghigo, RE Gerszten, A Asnani Circulating hemopexin modulates anthracycline cardiac toxicity in patients and in mice *Science Advances*, 2022-12-23;8(51):eadc9245. 2022-12-23 [PMID: 36563141]

Wang L, Hu Y, Hao Y et al. Tumor-targeting core-shell structured nanoparticles for drug procedural controlled release and cancer sonodynamic combined therapy. *J Control Release* 2018-07-17 [PMID: 30026078]

Wolfler MM, Meinhold-Heerlein IM, Henkel C et al. Reduced hemopexin levels in peritoneal fluid of patients with endometriosis. *Fertil Steril*. 2013-09-01 [PMID: 23755951] (Human)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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