

# Product Datasheet

## Heme Assay Kit (Colorimetric) KA1617

Unit Size: 1 Kit

Store at 4°C.

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### Publications: 4

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

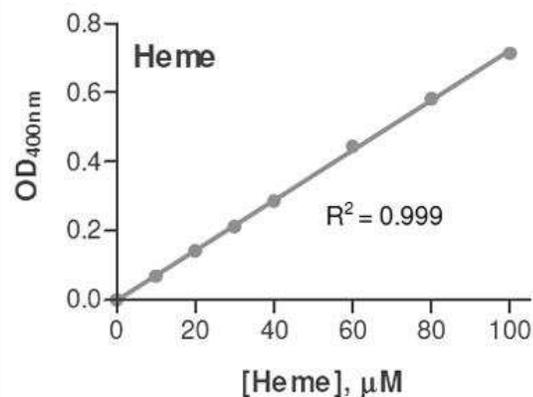
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4°C.

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

<b>Product Application Details</b>	
<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	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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