

Product Datasheet

Rat HO-1/HMOX1/HSP32 ELISA Kit (Colorimetric) NBP2-62148

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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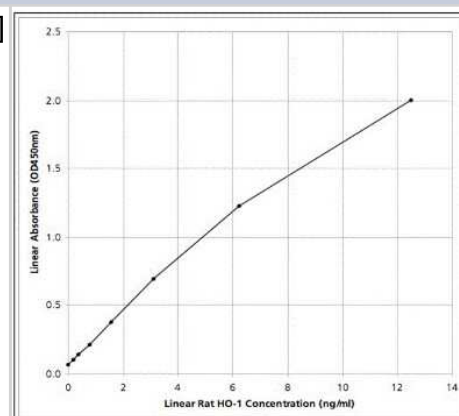


NBP2-62148**Rat HO-1/HMOX1/HSP32 ELISA Kit (Colorimetric)**

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	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	3162
Gene Symbol	HMOX1
Species	Rat
Kit Components	Microtiter plate, 5X Extraction reagent 2, Standard, Sample diluent, Wash buffer concentrate, Antibody, Conjugate, TMB Substrate, Stop solution 2
Standard Curve Range	0.195 - 12.5 ng/ml
Sensitivity	0.036 ng/ml
Inter Assay	The Inter-Assay Coefficient of Variation of the HO-1 (rat), ELISA kit has been determined to be < 10%
Intra Assay	The Intra-Assay Coefficient of Variation of the HO-1 (rat), ELISA kit has been determined to be < 4%.
Assay Type	Sandwich ELISA
Spiking Recovery	The % recoveries for cell lysates, tissue extracts, serum, and plasma were > 90%.
Suitable Sample Type	Cell lysates, plasma, serum, tissue, bronchoalveolar lavage fluid
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat HO-1/HMOX1/HSP32 ELISA Kit (Colorimetric) [NBP2-62148]
 - A typical standard curve for HO-1/HMOX1/HSP32 ELISA kit. These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.

**Publications**

Tigges J, Worek F, Thiermann H, Wille T Organophosphorus pesticides exhibit compound specific effects in rat precision-cut lung slices (PCLS): mechanisms involved in airway response, cytotoxicity, inflammatory activation and antioxidative defense Archives of toxicology 2021-11-15 [PMID: 34778934] (ELISA)



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Limitations

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

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