

Product Datasheet

4-Hydroxynonenal ELISA Kit (Colorimetric) NBP2-66364

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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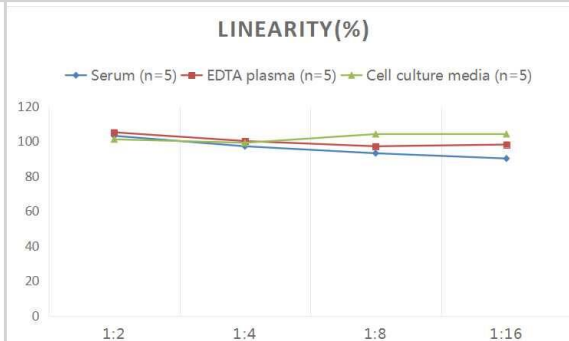


NBP2-66364**4-Hydroxynonenal ELISA Kit (Colorimetric)**

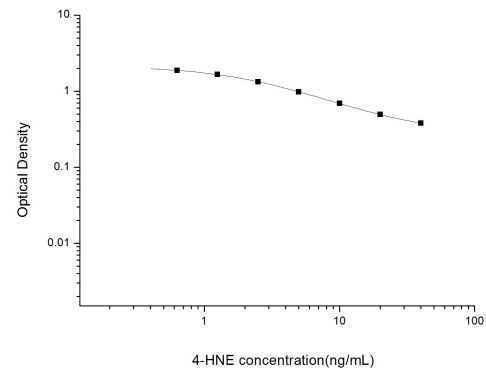
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	0.63 - 40 ng/mL
Sensitivity	0.38 ng/mL
Inter Assay	%CV < 4.52
Intra Assay	%CV < 4.1
Assay Type	Competitive-ELISA
Spiking Recovery	89-107%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Universal 4-Hydroxynonenal ELISA Kit (Colorimetric) [NBP2-66364] - Samples were spiked with high concentrations of 4-Hydroxynonenal and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Universal 4-Hydroxynonenal ELISA Kit (Colorimetric) [NBP2-66364] - Standard Curve Reference



Publications

Miriam Ferrer, Nicholas Mourikis, Emma E. Davidson, Sam O. Kleeman, Marta Zaccaria, Jill Habel, Rachel Rubino, Qing Gao, Thomas R. Flint, Lisa Young, Claire M. Connell, Michael J. Lukey, Marcus D. Goncalves, Eileen P. White, Ashok R. Venkitaraman, Tobias Janowitz Ketogenic diet promotes tumor ferroptosis but induces relative corticosterone deficiency that accelerates cachexia *Cell metabolism* 2024-04-23 [PMID: 37311455]

Herrock O, Deer E, Amaral LM et al. Inhibiting B cell activating factor attenuates preeclamptic symptoms in placental ischemic rats *American journal of reproductive immunology* (New York, N.Y. : 1989) 2023-02-16 [PMID: 36794639]

Miller L, Thompson K, Pavlenco C Et al. The Effect of Daily Methylsulfonylmethane (MSM) Consumption on High-Density Lipoprotein Cholesterol in Healthy Overweight and Obese Adults: A Randomized Controlled Trial *Nutrients* 2021-10-15 [PMID: 34684621]



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Products Related to NBP2-66364

MAB3249	4-Hydroxynonenal Antibody (198960) [Unconjugated]
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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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