

# Product Datasheet

## Mouse Nrf2 ELISA Kit (Colorimetric) NBP2-76758

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 4

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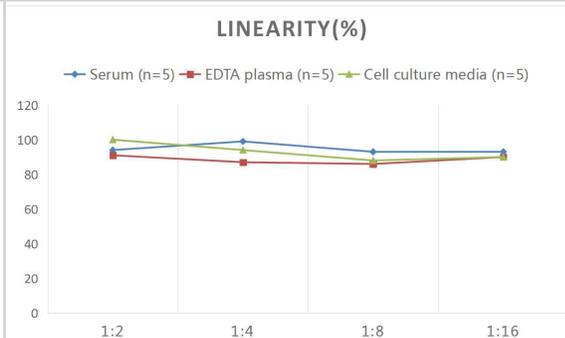
**NBP2-76758**

## Mouse Nrf2 ELISA Kit (Colorimetric)

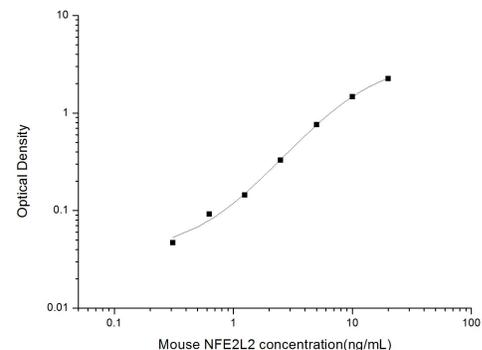
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	4780
<b>Gene Symbol</b>	NFE2L2
<b>Species</b>	Mouse
<b>Kit Components</b>	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
<b>Standard Curve Range</b>	0.313 - 20ng/mL
<b>Sensitivity</b>	0.188ng/mL
<b>Inter Assay</b>	CV% < 5.39
<b>Intra Assay</b>	CV% < 5.13
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	86-107%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Mouse Nrf2 ELISA Kit (Colorimetric) [NBP2-76758] - Samples were spiked with high concentrations of Mouse Nrf2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Nrf2 ELISA Kit (Colorimetric) [NBP2-76758] - Standard Curve Reference



## Publications

Ushimoto C, Sugiki S, Kunii K et al. Dynamic change and preventive role of stress response via Keap1-Nrf2 during renal crystal formation *Free radical biology & medicine* 2023-07-13 [PMID: 37451369] (ELISA)

Somayajulu M, McClellan SA, Wright R et al. Airborne Exposure of the Cornea to PM10 Induces Oxidative Stress and Disrupts Nrf2 Mediated Anti-Oxidant Defenses *International journal of molecular sciences* 2023-02-15 [PMID: 36835320] (ELISA, Mouse)

Estatieh ON Evaluation of the Antioxidant and Metabolic Effects of Trolox on Acetaminophen-Induced Hepatotoxicity *Thesis* 2021-01-01 (ELISA)

Ghanim By, Ahmad Mi, Abdallah Qm Et Al. Modulation of NRF2/ARE pathway- and cell death-related genes during drug-induced liver injury *Human & experimental toxicology* 2021-07-05 [PMID: 34219507]



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### **Products Related to NBP2-76758**

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H00004780-P01-10ug	Recombinant Human Nrf2 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-32822	Nrf2 Antibody
M6000B-1	IL-6 [HRP]

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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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