

# Product Datasheet

## Mouse Caspase-1 ELISA Kit (Colorimetric) NBP2-75014

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-75014****Mouse Caspase-1 ELISA Kit (Colorimetric)**

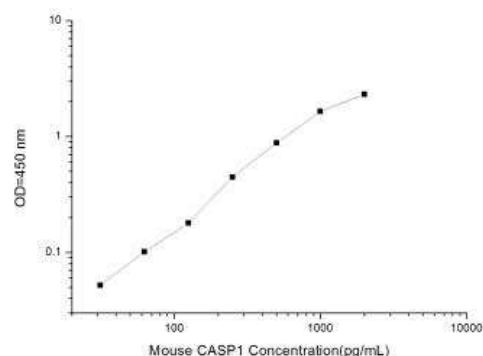
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.

<b>Product Description</b>	
<b>Gene ID</b>	834
<b>Gene Symbol</b>	CASP1
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Mouse Caspase-1 ELISA Kit (Colorimetric) recognizes Mouse CASP1 in samples. No significant cross-reactivity or interference between Mouse CASP1 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
<b>Standard Curve Range</b>	31.25 - 2000 pg/mL
<b>Sensitivity</b>	18.75 pg/mL
<b>Inter Assay</b>	CV% < 4.94%
<b>Intra Assay</b>	CV% < 5.54%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	87-108%
<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**

Mouse Caspase-1 ELISA Kit (Colorimetric) - Standard Curve Reference



## Publications

Ammar RA, Mohamed AF, Kamal MM et al. Neuroprotective effect of liraglutide in an experimental mouse model of multiple sclerosis: role of AMPK/SIRT1 signaling and NLRP3 inflammasome Inflammopharmacology 2022-04-01 [PMID: 35364735] (ELISA)

Lee Jin-Seok, Kim Won-Young, Jeon Yoo-Jin et al. Antidepressant-Like Activity of Myelophil via Attenuation of Microglial-Mediated Neuroinflammation in Mice Undergoing Unpredictable Chronic Mild Stress. Frontiers in Pharmacology 2019-06-13 [PMID: 31263417] (ELISA, Mouse)





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### **Products Related to NBP2-75014**

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NB100-56564PEP	Caspase-1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NB100-56565	Caspase-1 Antibody (14F468) - BSA Free
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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