

# Product Datasheet

## Rat Caspase-7 ELISA Kit (Colorimetric) NBP2-75039

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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**NBP2-75039****Rat Caspase-7 ELISA Kit (Colorimetric)**

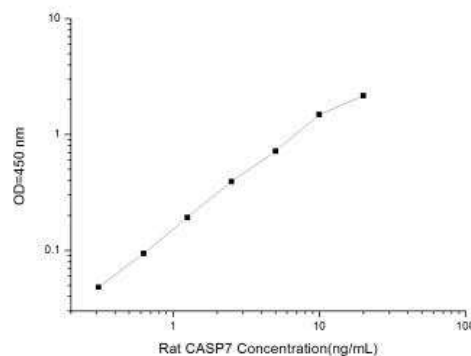
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.

<b>Product Description</b>	
<b>Gene ID</b>	840
<b>Gene Symbol</b>	CASP7
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat CASP7 in samples. No significant cross-reactivity or interference between Rat CASP7 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>	0.31 - 20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL
<b>Inter Assay</b>	CV% < 5.42%
<b>Intra Assay</b>	CV% < 4.96%
<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**

Rat Caspase-7 ELISA Kit (Colorimetric) - Standard Curve Reference



## Publications

El-Sisi AEE, Sokar SS, Shebl AM et al. Octreotide and melatonin alleviate inflammasome-induced pyroptosis through inhibiting TLR4-NF-kappa B-NLRP3 pathway in hepatic ischemia/reperfusion injury Toxicol Appl Pharmacol 2020-11-29 [PMID: 33264646] (ELISA, Rat)





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### **Products Related to NBP2-75039**

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210-TA-005	TNF-alpha [Unconjugated]
NB100-56529	Caspase-7 Antibody (25B881.1) - BSA Free
AF835	Caspase-3 Antibody [Unconjugated] - Active
NB100-56116	Caspase-8 Antibody

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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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