

# Product Datasheet

## Mouse Creatine Kinase MB ELISA Kit (Colorimetric) NBP2-75312

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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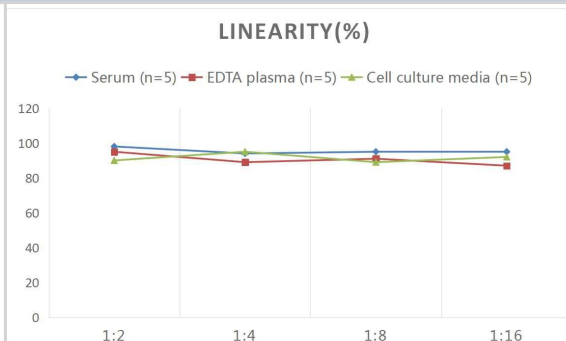
**NBP2-75312****Mouse Creatine Kinase MB ELISA Kit (Colorimetric)**

<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>	1152
<b>Gene Symbol</b>	CKB
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse CKMB in samples. No significant cross-reactivity or interference between Mouse CKMB and analogues was observed.
<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>	78.13 - 5000 pg/mL
<b>Sensitivity</b>	46.88 pg/mL
<b>Inter Assay</b>	CV% < 5.62%
<b>Intra Assay</b>	CV% < 4.85%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	88-109%
<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

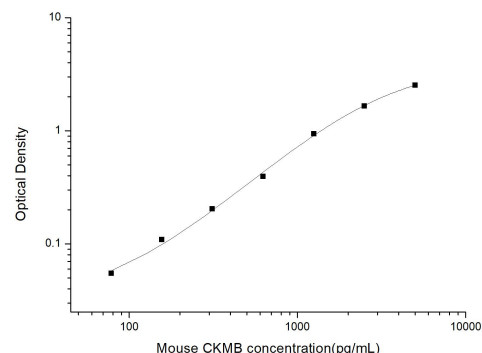


## Images

ELISA: Mouse Creatine Kinase MB ELISA Kit (Colorimetric) [NBP2-75312] - Samples were spiked with high concentrations of Mouse Creatine Kinase MB and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Creatine Kinase MB ELISA Kit (Colorimetric) [NBP2-75312] - Standard Curve Reference



## Publications

Samuel K. Lee, Rida A. Malik, Ji Zhou, Wei Wang, Peter L. Gross, Jeffrey I. Weitz, Rithwik Ramachandran, Bernardo L. Trigatti PAR4 Inhibition Reduces Coronary Artery Atherosclerosis and Myocardial Fibrosis in SR-B1/LDLR Double Knockout Mice Arteriosclerosis, Thrombosis, and Vascular Biology 2023-09-07 [PMID: 37675637]

Li H, Chen D, Zhang X et al. Screening of an FDA-approved compound library identifies apigenin for the treatment of myocardial injury International Journal of Biological Sciences 2023-10-30 [PMID: 37928261] (ELISA)

Kenney AD, Aron SL, Gilbert C et al. Influenza virus replication in cardiomyocytes drives heart dysfunction and fibrosis Science advances 2022-05-13 [PMID: 35544568] (ELISA, Mouse)



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### **Products Related to NBP2-75312**

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210-TA-005	TNF-alpha [Unconjugated]
NB100-62195	Creatine Kinase MB Antibody (1302 (1F2/1))
7954-GM-010/CF	GM-CSF [Unconjugated]
NB300-223	Vimentin 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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