

# Product Datasheet

## Mouse BNP ELISA Kit (Colorimetric) NBP2-70011

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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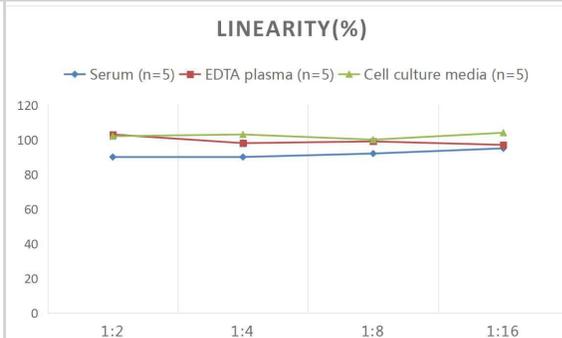


**NBP2-70011****Mouse BNP ELISA Kit (Colorimetric)**

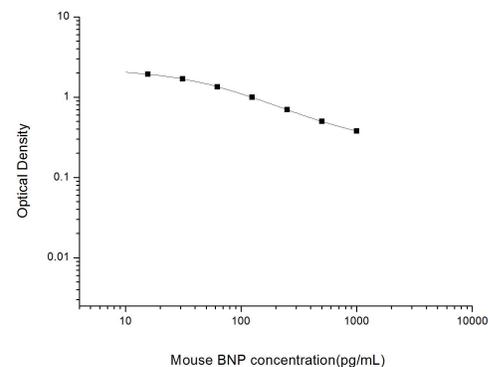
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	4879
<b>Gene Symbol</b>	NPPB
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse BNP in samples. No significant cross-reactivity or interference between Mouse BNP 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>	15.63 - 1000 pg/mL
<b>Sensitivity</b>	9.38 pg/mL
<b>Inter Assay</b>	CV% < 5%
<b>Intra Assay</b>	CV% < 5.45%
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	88-108%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Mouse BNP ELISA Kit (Colorimetric) [NBP2-70011] - Samples were spiked with high concentrations of Mouse BNP and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse BNP ELISA Kit (Colorimetric) [NBP2-70011] - Standard Curve Reference



## Publications

Jordan TJM Investigations in Comparative Animal Models of Inflammatory and Autoimmune Skin Disease. Thesis 2023-01-01 (ELISA)

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)

Rutledge C, Enriquez A, Redding K et al. Liraglutide Protects Against Diastolic Dysfunction and Improves Ventricular Protein Translation Cardiovascular drugs and therapy 2023-06-29 [PMID: 37382868] (ELISA)

Du L, Sun X, Gong H et al. Single cell and lineage tracing studies reveal the impact of CD34+ cells on myocardial fibrosis during heart failure Stem cell research & therapy 2023-02-20 [PMID: 36805782] (ELISA)

Wen C, Lan M, Tan X et al. GSK3B Exacerbates Myocardial Ischemia/Reperfusion Injury by Inhibiting Myc Oxidative Medicine and Cellular Longevity 2022-04-29 [PMID: 35528516] (ELISA, Mouse)



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### **Products Related to NBP2-70011**

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NBP2-34936-100ug	Recombinant Human BNP Protein
210-TA-005	TNF-alpha [Unconjugated]
DY3604-05	BNP [Biotin]
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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