

# Product Datasheet

## Rat NT-proBNP ELISA Kit (Chemiluminescence) NBP2-68139

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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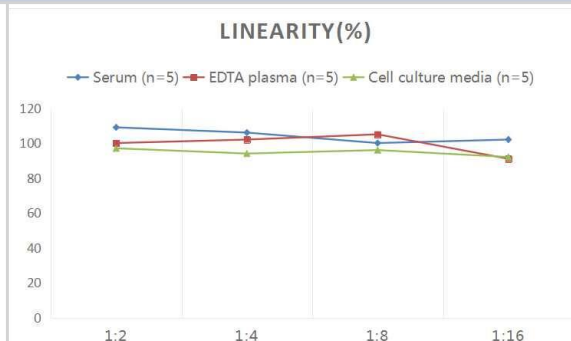
**NBP2-68139****Rat NT-proBNP ELISA Kit (Chemiluminescence)**

<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>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat NT-proBNP in samples. No significant cross-reactivity or interference between Rat NT-proBNP and analogues was observed.
<b>Kit Components</b>	Micro CLIA 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 A, Substrate Reagent B, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	12.50-800 pg/mL
<b>Sensitivity</b>	7.50 pg/mL
<b>Inter Assay</b>	CV% < 10%
<b>Intra Assay</b>	CV% < 9.92%
<b>Assay Type</b>	Sandwich-CLIA
<b>Spiking Recovery</b>	85-102%
<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

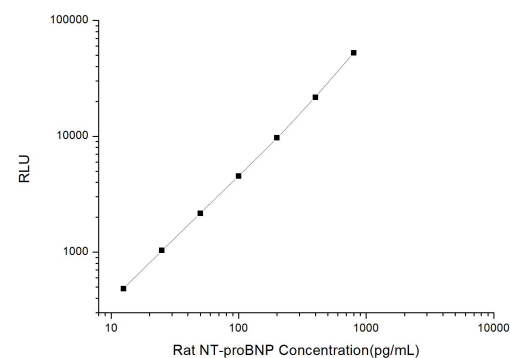


## Images

ELISA: Rat NT-proBNP ELISA Kit (Chemiluminescence) [NBP2-68139] - Samples were spiked with high concentrations of Rat NT-proBNP and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat NT-proBNP ELISA Kit (Chemiluminescence) [NBP2-68139] - Standard Curve Reference



## Publications

Kabel AM, Salama SA, Adwas AA, Estfanous RS Targeting Oxidative Stress, NLRP3 Inflammasome, and Autophagy by Fraxetin to Combat Doxorubicin-Induced Cardiotoxicity Pharmaceuticals (Basel, Switzerland) 2021-11-20 [PMID: 34832970] (ELISA)



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### **Products Related to NBP2-68139**

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NBP2-61321-1mg	Recombinant Human NT-proBNP Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-46201	NT-proBNP Antibody (OTI11G4)
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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