

# Product Datasheet

## Rat Troponin I Type 3 (cardiac) ELISA Kit (Colorimetric) NBP3-00484

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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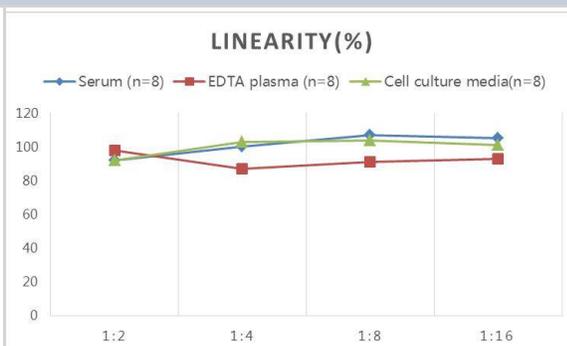


**NBP3-00484****Rat Troponin I Type 3 (cardiac) ELISA Kit (Colorimetric)**

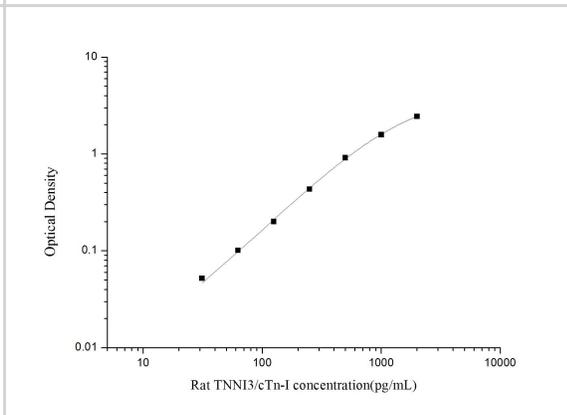
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	7137
<b>Gene Symbol</b>	TNNI3
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat Troponin I Type 3 (cardiac) in samples. No significant cross-reactivity or interference between Rat Troponin I Type 3 (cardiac) 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>	31.25 - 2000 pg/mL
<b>Sensitivity</b>	18.75 pg/mL
<b>Inter Assay</b>	4.82%
<b>Intra Assay</b>	5.66%
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	87 - 108%
<b>Suitable Sample Type</b>	Serum, plasma, cell supernatant, 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 Troponin I Type 3 (cardiac) ELISA Kit (Colorimetric) [NBP3-00484] - Samples were spiked with high concentrations of Rat Troponin I Type 3 (cardiac) and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Troponin I Type 3 (cardiac) ELISA Kit (Colorimetric) [NBP3-00484] - Standard Curve Reference



## Publications

Xue V, Yat-Fai Chung J, Chiu-Tsun Tang P Et al. USMB-shMincle: A Virus-free Gene Therapy for Blocking M1/M2 Polarization of Tumour-associated Macrophages Molecular Therapy - Oncolytics 2021-08-01 [PMID: 34589582]



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### **Products Related to NBP3-00484**

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H00007137-P01-2ug	Recombinant Human Troponin I Type 3 (cardiac) GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-35336	Troponin I Type 3 (cardiac) Antibody (2C9) - BSA Free
DY1707	C-Reactive Protein/CRP [Biotin]

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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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