

Product Datasheet

Mouse Troponin I Type 3 (cardiac) Sandwich ELISA Optimization Kit NBP3-00456

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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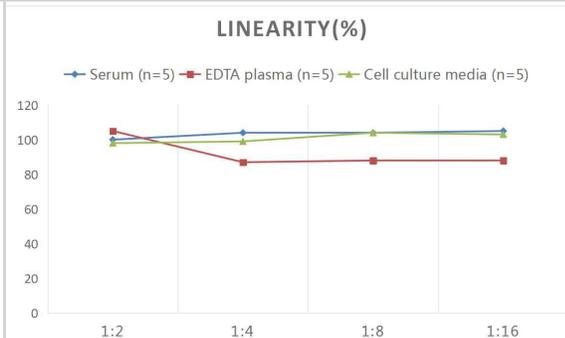


NBP3-00456**Mouse Troponin I Type 3 (cardiac) Sandwich ELISA Optimization Kit**

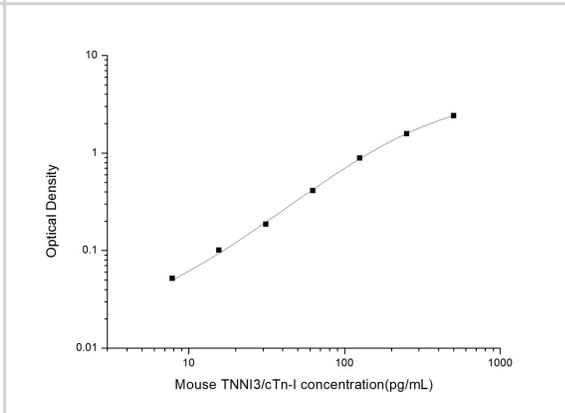
| Product Information | |
|------------------------------------|--|
| Unit Size | 1 Kit |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Storage of components varies. See protocol for specific instructions. |
| Product Description | |
| Gene ID | 7137 |
| Gene Symbol | TNNI3 |
| Species | Mouse |
| Specificity/Sensitivity | This kit recognizes Mouse Troponin I Type 3 (cardiac) in samples. No significant cross-reactivity or interference between Mouse Troponin I Type 3 (cardiac) and analogues was observed. |
| Kit Components | 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 |
| Standard Curve Range | 7.81 - 500 pg/mL |
| Sensitivity | 4.69 pg/mL |
| Inter Assay | 5.1% |
| Intra Assay | 4.59% |
| Assay Type | Competitive-ELISA |
| Spiking Recovery | 88 - 108% |
| Suitable Sample Type | Serum, plasma, cell supernatant, and other biological fluids |
| Sample Volume | 100 ul |
| Product Application Details | |
| Applications | ELISA |
| Recommended Dilutions | ELISA |

Images

ELISA: Mouse Troponin I Type 3 (cardiac) Sandwich ELISA Optimization Kit [NBP3-00456] - Samples were spiked with high concentrations of Mouse Troponin I Type 3 (cardiac) and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Troponin I Type 3 (cardiac) Sandwich ELISA Optimization Kit [NBP3-00456] - Standard Curve Reference



Publications

Del Nogal Avila M, Das R, Kharlyngdoh JB et al. Cytokine storm based mechanisms for extra-pulmonary manifestations of SARS-CoV-2 infection JCI insight 2023-04-11 [PMID: 37040185]

Sosnowski DK, Jamieson KL, Gruzdev A et al. Cardiomyocyte-specific disruption of soluble epoxide hydrolase limits inflammation to preserve cardiac function American journal of physiology. Heart and circulatory physiology 2022-08-19 [PMID: 35985007] (ELISA, Mouse)

Aragon-Sanabria V, Aditya A, Zhang L et al. Ultrasmall Nanoparticle Delivery of Doxorubicin Improves Therapeutic Index for High-Grade Glioma Clinical cancer research : an official journal of the American Association for Cancer Research 2022-05-02 [PMID: 35499557] (ELISA, Mouse)

Liu y, Chu G, Shen W et al. XMU-MP-1 protects heart from ischemia/reperfusion injury in mice through modulating Mst1/AMPK pathway European journal of pharmacology 2022-03-15 [PMID: 35123978]



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Products Related to NBP3-00456

| | |
|-------------------|--|
| 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] |

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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