

# Product Datasheet

## Rat Cardiac Troponin T ELISA Kit (Colorimetric) NBP3-50085

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-50085****Rat Cardiac Troponin T 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>Description</b>                 | Assay Length: 3 h 30 min                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene ID</b>                     | 7139                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | TNNT2                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>                     | Rat                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Specificity/Sensitivity</b>     | This kit recognizes Rat Cardiac Troponin T in samples. No significant cross-reactivity or interference between Rat Cardiac Troponin T and analogues was observed                                                                                                                                                                                                    |
| <b>Kit Components</b>              | Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis |
| <b>Standard Curve Range</b>        | 15.63 - 1000 pg/mL                                                                                                                                                                                                                                                                                                                                                  |
| <b>Sensitivity</b>                 | 9.38 pg/mL                                                                                                                                                                                                                                                                                                                                                          |
| <b>Inter Assay</b>                 | CV% < 10                                                                                                                                                                                                                                                                                                                                                            |
| <b>Intra Assay</b>                 | CV% < 10                                                                                                                                                                                                                                                                                                                                                            |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                      |
| <b>Spiking Recovery</b>            | 80 - 120%                                                                                                                                                                                                                                                                                                                                                           |
| <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                                                                                                                                                                                                                                                                                                                                                               |





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### **Products Related to NBP3-50085**

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|            |                                                                 |
|------------|-----------------------------------------------------------------|
| NB200-316  | CUGBP1/CELF1 Antibody (3B1) - BSA Free                          |
| MAB1874    | Cardiac Troponin T Antibody (200805) [Unconjugated] - (Cardiac) |
| NBP2-35336 | Troponin I Type 3 (cardiac) Antibody (2C9) - BSA Free           |
| NB300-284  | MYH6 Antibody (3-48) - Azide and BSA Free                       |

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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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