

# Product Datasheet

## Rat Creatine kinase MT 1B ELISA Kit (Colorimetric) NBP2-75318

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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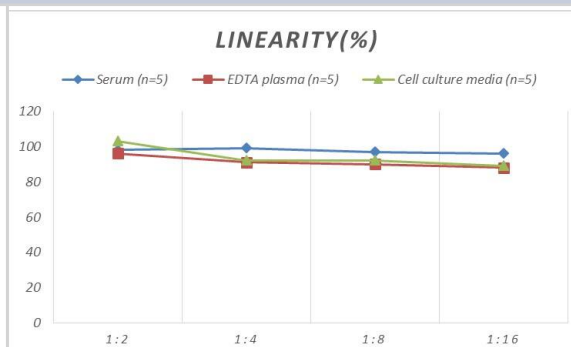


**NBP2-75318****Rat Creatine kinase MT 1B ELISA Kit (Colorimetric)**

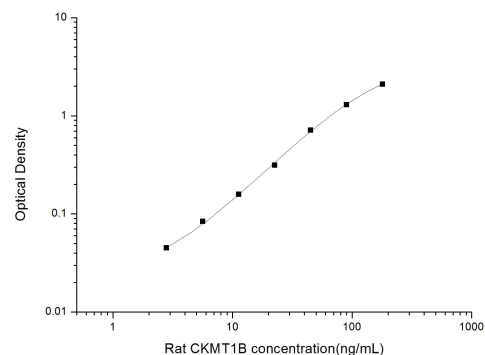
| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                     | 1159                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | CKMT1B                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>                     | Rat                                                                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b>     | This kit recognizes Rat CKMT1B in samples. No significant cross-reactivity or interference between Rat CKMT1B 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>        | 2.81 - 180 ng/mL                                                                                                                                                                                                                                                                                                 |
| <b>Sensitivity</b>                 | 1.69 ng/mL                                                                                                                                                                                                                                                                                                       |
| <b>Inter Assay</b>                 | CV% < 4.43%                                                                                                                                                                                                                                                                                                      |
| <b>Intra Assay</b>                 | CV% < 5.26%                                                                                                                                                                                                                                                                                                      |
| <b>Assay Type</b>                  | Sandwich-ELISA                                                                                                                                                                                                                                                                                                   |
| <b>Spiking Recovery</b>            | 89-106%                                                                                                                                                                                                                                                                                                          |
| <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 Creatine kinase MT 1B ELISA Kit (Colorimetric) [NBP2-75318] - Samples were spiked with high concentrations of Rat Creatine kinase MT 1B and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Creatine kinase MT 1B ELISA Kit (Colorimetric) [NBP2-75318] - Standard Curve Reference





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### **Products Related to NBP2-75318**

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|                  |                                                     |
|------------------|-----------------------------------------------------|
| NBP1-98939-100ug | Recombinant Human Creatine kinase MT 1B His Protein |
| DBD00            | BDNF [HRP]                                          |
| NBP3-05655-100ul | Creatine kinase MT 1B Antibody - Azide and BSA Free |
| NB100-56503      | Cytochrome c Antibody (7H8.2C12) - 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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