

# Product Datasheet

## Human Creatine Kinase, Muscle/CKMM ELISA Kit (Colorimetric) NBP2-75305

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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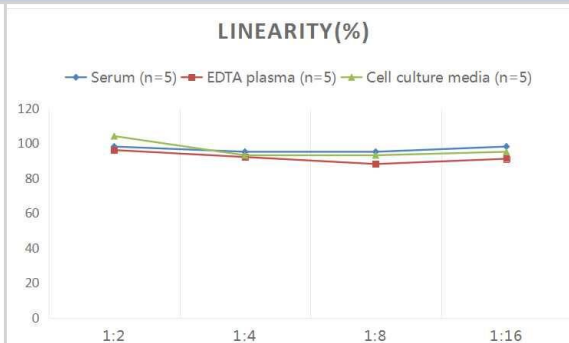


**NBP2-75305****Human Creatine Kinase, Muscle/CKMM ELISA Kit (Colorimetric)**

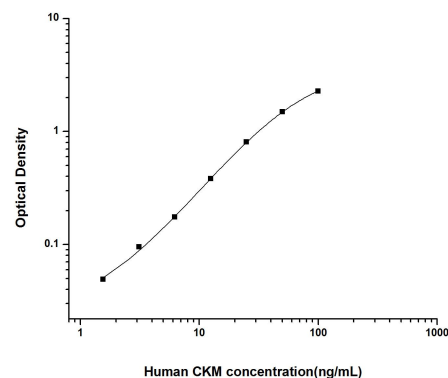
| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                     | 1158                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | CKM                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                            |
| <b>Specificity/Sensitivity</b>     | This kit recognizes Human CKM in samples. No significant cross-reactivity or interference between Human CKM 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>        | 1.56 - 100 ng/mL                                                                                                                                                                                                                                                                                                 |
| <b>Sensitivity</b>                 | 0.94 ng/mL                                                                                                                                                                                                                                                                                                       |
| <b>Inter Assay</b>                 | CV% < 4.85%                                                                                                                                                                                                                                                                                                      |
| <b>Intra Assay</b>                 | CV% < 4.79%                                                                                                                                                                                                                                                                                                      |
| <b>Assay Type</b>                  | Sandwich-ELISA                                                                                                                                                                                                                                                                                                   |
| <b>Spiking Recovery</b>            | 87-111%                                                                                                                                                                                                                                                                                                          |
| <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: Human Creatine Kinase, Muscle/CKMM ELISA Kit (Colorimetric) [NBP2-75305] - Samples were spiked with high concentrations of Human Creatine Kinase, Muscle/CKMM and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Creatine Kinase, Muscle/CKMM ELISA Kit (Colorimetric) [NBP2-75305] - Standard Curve Reference





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### **Products Related to NBP2-75305**

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|               |                                                               |
|---------------|---------------------------------------------------------------|
| NBP2-13839PEP | Creatine Kinase, Muscle/CKMM Recombinant Protein Antigen      |
| NBP1-04676    | PGC1 alpha Antibody - BSA Free                                |
| MAB5564       | Creatine Kinase, Muscle/CKMM Antibody (492731) [Unconjugated] |
| 788-G8-010/CF | GDF-8/Myostatin [Unconjugated]                                |

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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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