

# Product Datasheet

## Human Metallothionein-1M ELISA Kit (Colorimetric) NBP3-06948

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-06948****Human Metallothionein-1M ELISA Kit (Colorimetric)**

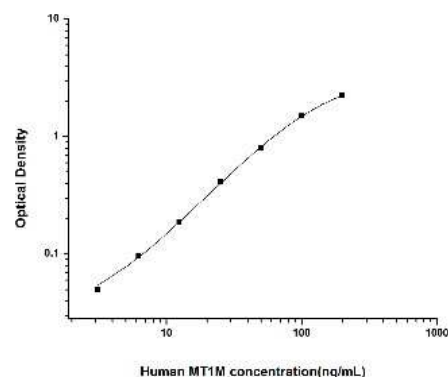
| <b>Product Information</b> |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 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>                 | 4499                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Symbol</b>             | MT1M                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b> | This kit recognizes Human Metallothionein-1M in samples. No significant cross-reactivity or interference between Human Metallothionein-1M 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>    | 3.13 - 200 ng/mL                                                                                                                                                                                                                                                                                                                                                   |
| <b>Sensitivity</b>             | 1.88 ng/mL                                                                                                                                                                                                                                                                                                                                                         |
| <b>Inter Assay</b>             | 5.22                                                                                                                                                                                                                                                                                                                                                               |
| <b>Intra Assay</b>             | 4.76                                                                                                                                                                                                                                                                                                                                                               |
| <b>Assay Type</b>              | Sandwich-ELISA                                                                                                                                                                                                                                                                                                                                                     |
| <b>Spiking Recovery</b>        | 89-106 %                                                                                                                                                                                                                                                                                                                                                           |
| <b>Suitable Sample Type</b>    | Serum, Plasma, Cell supernatant                                                                                                                                                                                                                                                                                                                                    |
| <b>Sample Volume</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                                             |

| <b>Product Application Details</b> |                       |
|------------------------------------|-----------------------|
| <b>Applications</b>                | ELISA, Sandwich ELISA |
| <b>Recommended Dilutions</b>       | ELISA, Sandwich ELISA |

**Images**

ELISA: Human Metallothionein-1M ELISA Kit (Colorimetric) [NBP3-06948] - Standard Curve Reference.





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### **Products Related to NBP3-06948**

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|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| H00004499-P01-10ug | Recombinant Human Metallothionein-1M GST (N-Term) Protein |
| DMP900             | MMP-9 [HRP]                                               |
| NBL1-13347         | Metallothionein-1M Overexpression Lysate                  |
| MMP200             | MMP-2 [HRP]                                               |

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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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