

# Product Datasheet

## Malondialdehyde ELISA Kit (Colorimetric) NBP2-78753

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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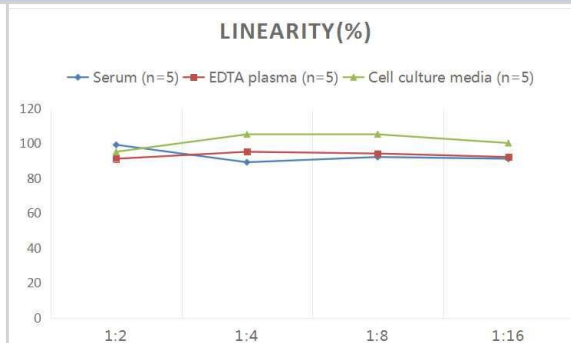
**NBP2-78753****Malondialdehyde ELISA Kit (Colorimetric)**

| <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>Specificity/Sensitivity</b>     | This kit recognizes MDA in samples. No significant cross-reactivity or interference between MDA 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>        | 31.25 - 2000 ng/mL                                                                                                                                                                                                                                                                                               |
| <b>Sensitivity</b>                 | 18.75 ng/mL                                                                                                                                                                                                                                                                                                      |
| <b>Inter Assay</b>                 | CV% < 5.59%                                                                                                                                                                                                                                                                                                      |
| <b>Intra Assay</b>                 | CV% < 5.19%                                                                                                                                                                                                                                                                                                      |
| <b>Assay Type</b>                  | Competitive-ELISA                                                                                                                                                                                                                                                                                                |
| <b>Spiking Recovery</b>            | 92-110%                                                                                                                                                                                                                                                                                                          |
| <b>Suitable Sample Type</b>        | Serum, plasma and other biological fluids                                                                                                                                                                                                                                                                        |
| <b>Sample Volume</b>               | 50 uL                                                                                                                                                                                                                                                                                                            |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                            |

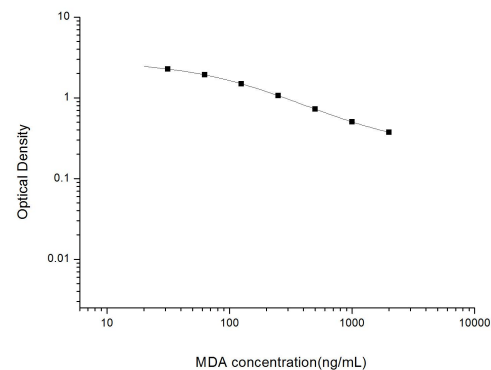


## Images

ELISA: Malondialdehyde ELISA Kit (Colorimetric) [NBP2-78753] - Samples were spiked with high concentrations of Malondialdehyde and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Malondialdehyde ELISA Kit (Colorimetric) [NBP2-78753] - Standard Curve Reference





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### **Products Related to NBP2-78753**

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|            |                                 |
|------------|---------------------------------|
| NBP2-59367 | Malondialdehyde Antibody (11E3) |
|------------|---------------------------------|

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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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