

# Product Datasheet

## Citric Acid Assay Kit (Colorimetric) NBP3-25777

Unit Size: 100 Assays

Storage of components varies. See protocol for specific instructions.

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**NBP3-25777****Citric Acid Assay Kit (Colorimetric)****Product Information**

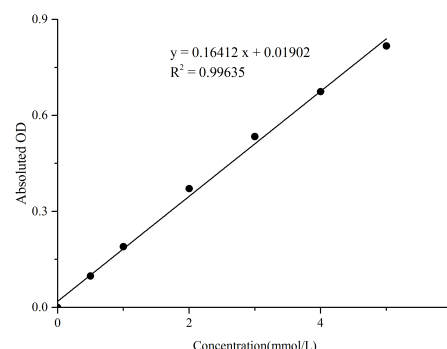
|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 Assays                                                                                               |
| <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.                                    |

**Product Description**

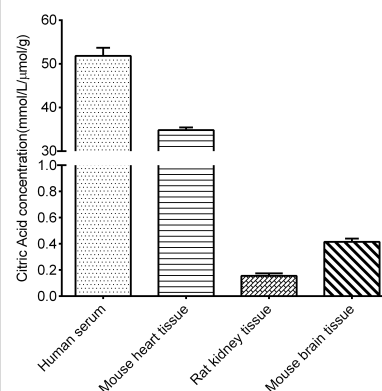
|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| <b>Description</b>          | Detection instrument: Spectrophotometer (545 nm)<br>Assay Time: 60 min                 |
| <b>Kit Components</b>       | Buffer Solution, Lysis Buffer, Reducing Agent, Chromogenic Agent, 1 mmol/L CA Standard |
| <b>Standard Curve Range</b> | 0.05 - 5.0 mmol/L                                                                      |
| <b>Sensitivity</b>          | 0.05 mmol/L                                                                            |
| <b>Inter Assay</b>          | %CV < 5.4                                                                              |
| <b>Intra Assay</b>          | %CV < 4.2                                                                              |
| <b>Spiking Recovery</b>     | Average recovery rate: 96%                                                             |
| <b>Suitable Sample Type</b> | Tissue, mitochondria and other liquid samples                                          |

**Images**

Citric Acid Assay Kit (Colorimetric) [NBP3-25777] - Standard Curve Reference



Citric Acid Assay Kit (Colorimetric) [NBP3-25777] - Assay Example





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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