

# Product Datasheet

## Hydrogen Peroxide Assay Kit (Colorimetric) NBP3-24506

Unit Size: 100 Assays

Storage of components varies. See protocol for specific instructions.

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**NBP3-24506****Hydrogen Peroxide Assay Kit (Colorimetric)**

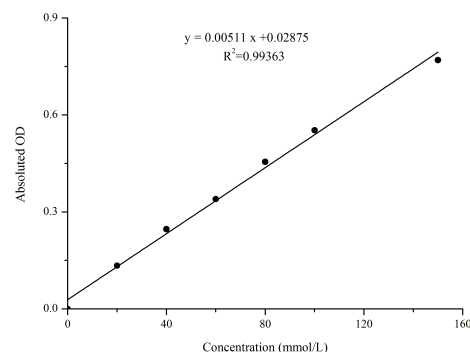
| <b>Product Information</b> |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 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.                                    |

| <b>Product Description</b>  |                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>          | Detection instrument: Spectrophotometer (405 nm)<br>Assay time: 60 min                                                       |
| <b>Species</b>              | Non-species specific                                                                                                         |
| <b>Kit Components</b>       | Reagent 1: Buffer Solution, Reagent 2: Ammonium Molybdate Reagent, Reagent 3: 1 mol/L H <sub>2</sub> O <sub>2</sub> Standard |
| <b>Standard Curve Range</b> | 1.5 - 150 mmol/L                                                                                                             |
| <b>Sensitivity</b>          | 1.5 mmol/L                                                                                                                   |
| <b>Inter Assay</b>          | %CV < 2.7                                                                                                                    |
| <b>Intra Assay</b>          | %CV < 1.3                                                                                                                    |
| <b>Spiking Recovery</b>     | Average recovery rate: 98%                                                                                                   |
| <b>Suitable Sample Type</b> | Serum, plasma, cell culture supernatant, tissue and cell samples                                                             |

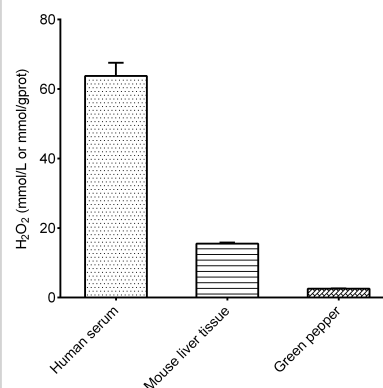
| <b>Product Application Details</b> |            |
|------------------------------------|------------|
| <b>Applications</b>                | Functional |
| <b>Recommended Dilutions</b>       | Functional |

**Images**

Hydrogen Peroxide Assay Kit (Colorimetric) [NBP3-24506] - Standard Reference Curve



Hydrogen Peroxide Assay Kit (Colorimetric) [NBP3-24506] - 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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