

# Product Datasheet

## SOD (Superoxide Dismutase) Activity Assay Kit (Colorimetric) NBP3-24484

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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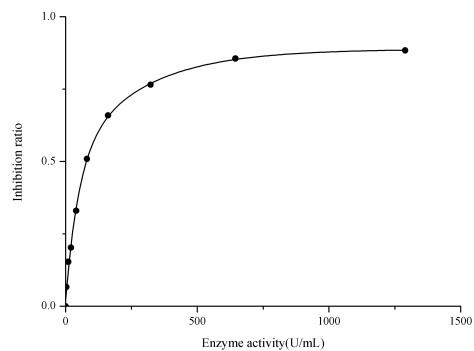


**NBP3-24484****SOD (Superoxide Dismutase) Activity Assay Kit (Colorimetric)**

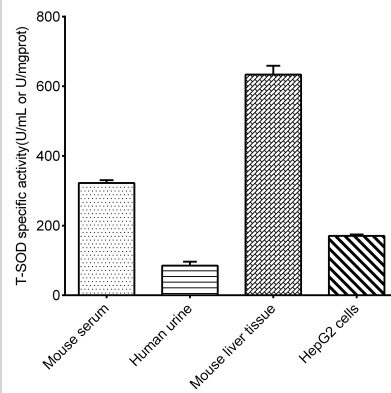
<b>Product Information</b>	
<b>Unit Size</b>	96 Tests
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	Detection instrument: Microplate reader (530 - 570 nm, optimum wavelength: 550 nm) Assay time: 70 min
<b>Species</b>	Non-species specific
<b>Kit Components</b>	Reagent 1: Buffer Solution, Reagent 2: Nitrosogenic Agent, Reagent 3: Substrate Solution, Reagent 4: Enzyme Stock Solution, Reagent 5: Enzyme Diluent, Reagent 6: Chromogenic Agent A, Reagent 7: Chromogenic Agent B, Reagent 8: Chromogenic Agent C, Reagent 9: Extracting Solution, Microplate, Plate Sealer
<b>Standard Curve Range</b>	1.35 - 62 U/mL
<b>Sensitivity</b>	1.35 U/mL
<b>Inter Assay</b>	%CV < 9.6
<b>Intra Assay</b>	%CV < 5.1
<b>Spiking Recovery</b>	Average recovery rate: 99%
<b>Suitable Sample Type</b>	Serum, plasma, urine, cell samples, cell culture supernatant and tissue
<b>Product Application Details</b>	
<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	Functional

## Images

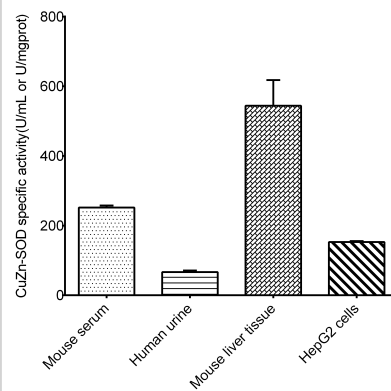
### SOD1/Cu-Zn SOD Activity Assay Kit (Colorimetric) [NBP3-24484] - Standard Reference Curve



### SOD1/Cu-Zn SOD Activity Assay Kit (Colorimetric) [NBP3-24484] - Assay Example



### SOD1/Cu-Zn SOD Activity Assay Kit (Colorimetric) [NBP3-24484] - Assay Example





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### **Limitations**

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