

# Product Datasheet

## Glutamine Synthetase Activity Assay Kit (Colorimetric) NBP3-24495

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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**NBP3-24495****Glutamine Synthetase 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 (330 - 350 nm, optimum wavelength: 340 nm) Assay time: 15 min
<b>Gene ID</b>	2752
<b>Gene Symbol</b>	GLUL
<b>Species</b>	Non-species specific
<b>Kit Components</b>	Reagent 1: Extracting Solution, Reagent 2: Buffer Solution, Reagent 3: Substrate A, Reagent 4: Substrate B, Reagent 5: Chromogenic Agent, Reagent 6: Standard, UV Microplate, Plate Sealer
<b>Standard Curve Range</b>	8.84 - 321.05 U/L
<b>Sensitivity</b>	8.84 U/L
<b>Inter Assay</b>	%CV < 5.8
<b>Intra Assay</b>	%CV < 2.5
<b>Spiking Recovery</b>	Average recovery rate: 104%
<b>Suitable Sample Type</b>	Serum, plant tissue and animal tissue
<b>Product Application Details</b>	
<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	Functional



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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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