

# Product Datasheet

## Mouse Aspartate Aminotransferase ELISA Kit (Colorimetric) NBP2-69877

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 3

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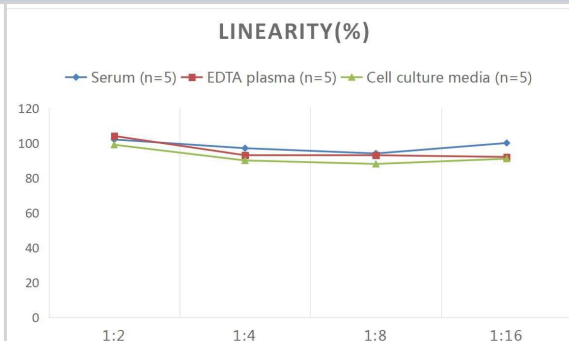


**NBP2-69877****Mouse Aspartate Aminotransferase ELISA Kit (Colorimetric)**

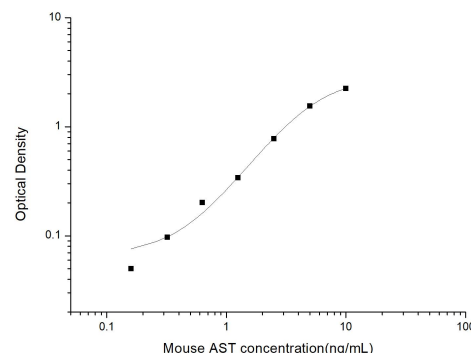
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	2805
<b>Gene Symbol</b>	GOT1
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse AST in samples. No significant cross-reactivity or interference between Mouse AST 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>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.10 ng/mL
<b>Inter Assay</b>	CV% < 4.42%
<b>Intra Assay</b>	CV% < 4.84%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	88-108%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Mouse Aspartate Aminotransferase ELISA Kit (Colorimetric) [NBP2-69877] - Samples were spiked with high concentrations of Mouse Aspartate Aminotransferase and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Aspartate Aminotransferase ELISA Kit (Colorimetric) [NBP2-69877] - Standard Curve Reference



## Publications

Zhenqian Wang, Xiao Jiang, Long Zhang, Han Chen Protective effects of *Althaea officinalis* L. extract against N-diethylnitrosamine-induced hepatocellular carcinoma in male Wistar rats through antioxidative, anti-inflammatory, mitochondrial apoptosis and PI3K /Akt/ mTOR signaling pathways Food Science & Nutrition 2023-05-26 [PMID: 37576045]

Wang Z, Jiang X, Zhang L, Chen H Protective effects of *Althaea officinalis* L. extract against N-diethylnitrosamine-induced hepatocellular carcinoma in male Wistar rats through antioxidative, anti-inflammatory, mitochondrial apoptosis and PI3K /Akt/ mTOR signaling pathways Food Science & Nutrition 2023-05-26 (ELISA)

Li J, Diamante G, Ahn I et al. Determination of the nanoparticle- and cell-specific toxicological mechanisms in 3D liver spheroids using scRNAseq analysis Nano Today 2022-12-01 [PMID: 36911538]



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### **Products Related to NBP2-69877**

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NBP2-52179-0.02mg	Recombinant Human Aspartate Aminotransferase His Protein
NB100-1793	Pancreatic Polypeptide/PP Antibody
NBP1-54778	Aspartate Aminotransferase Antibody
NBP2-24915	SOD1/Cu-Zn SOD Antibody

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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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