

# Product Datasheet

## Rat MUC1 ELISA Kit (Colorimetric) NBP2-74991

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 2

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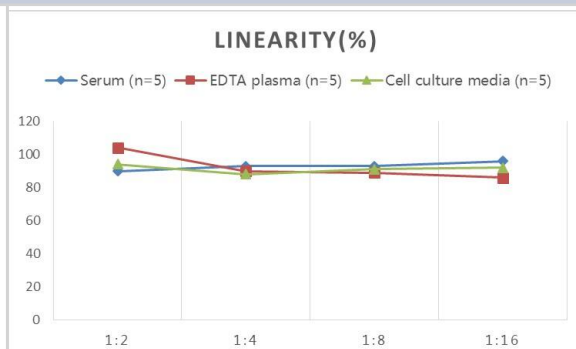


**NBP2-74991****Rat MUC1 ELISA Kit (Colorimetric)**

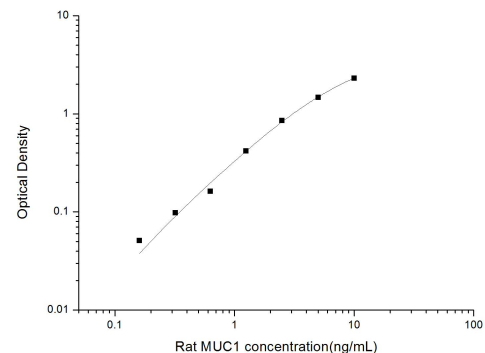
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	4582
<b>Gene Symbol</b>	MUC1
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat MUC1 in samples. No significant cross-reactivity or interference between Rat MUC1 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% < 5.54%
<b>Intra Assay</b>	CV% < 4.93%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	88-104%
<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: Rat MUC1 ELISA Kit (Colorimetric) [NBP2-74991] - Samples were spiked with high concentrations of Rat MUC1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat MUC1 ELISA Kit (Colorimetric) [NBP2-74991] - Standard Curve Reference



## Publications

Khalaf HM, Ahmed SM, Welson NN, Abdelzaher WY Rivastigmine ameliorates indomethacin experimentally induced gastric mucosal injury via activating alpha 7nAChR with inhibiting oxidative stress and apoptosis Journal of biochemical and molecular toxicology 2022-06-15 [PMID: 35702939]

Shaik RA, Eid BG Piceatannol Affects Gastric Ulcers Induced by Indomethacin: Association of Antioxidant, Anti-Inflammatory, and Angiogenesis Mechanisms in Rats Life (Basel, Switzerland) 2022-02-28 [PMID: 35330107] (ELISA)



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### **Products Related to NBP2-74991**

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H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein
NB300-141	GFAP Antibody
NBP1-60046	MUC1 Antibody - BSA Free
NB300-223	Vimentin 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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