

# Product Datasheet

## Rat ERK1 ELISA Kit (Colorimetric) NBP3-00463

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Updated 1/8/2024 v.20.1

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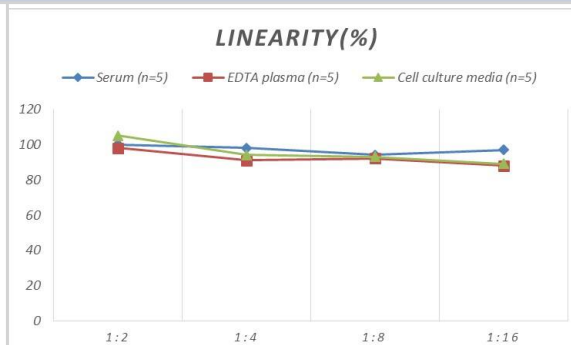


**NBP3-00463****Rat ERK1 ELISA Kit (Colorimetric)**

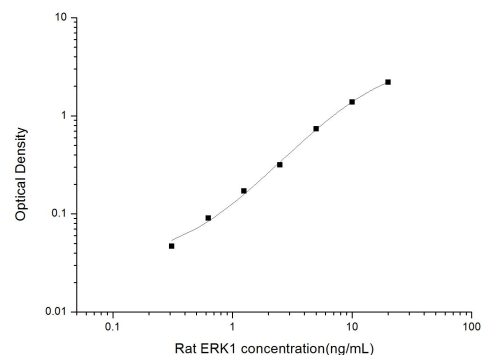
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	5595
<b>Gene Symbol</b>	MAPK3
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat ERK1 in samples. No significant cross-reactivity or interference between Rat ERK1 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>	0.31 - 20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL
<b>Inter Assay</b>	4.72%
<b>Intra Assay</b>	4.95%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	85 - 104%
<b>Suitable Sample Type</b>	Serum, plasma, cell supernatant, 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 ERK1 ELISA Kit (Colorimetric) [NBP3-00463] - Samples were spiked with high concentrations of Rat ERK1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat ERK1 ELISA Kit (Colorimetric) [NBP3-00463] - Standard Curve Reference





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### **Products Related to NBP3-00463**

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NBP1-48333-0.1mg	Recombinant Human ERK1 His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-22203	ERK1 Antibody (1E5) - BSA Free
236-EG-200	EGF [Unconjugated]

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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