

# Product Datasheet

## Rat PTGER2 ELISA Kit (Colorimetric) NBP3-00461

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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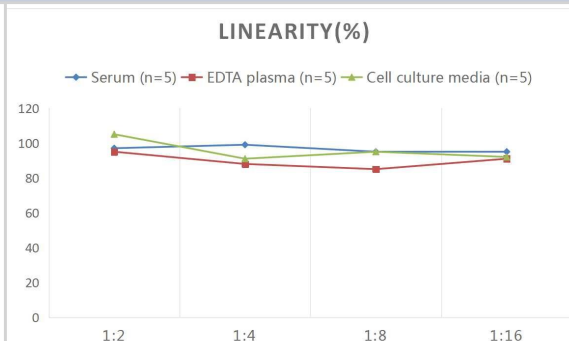


**NBP3-00461****Rat PTGER2 ELISA Kit (Colorimetric)**

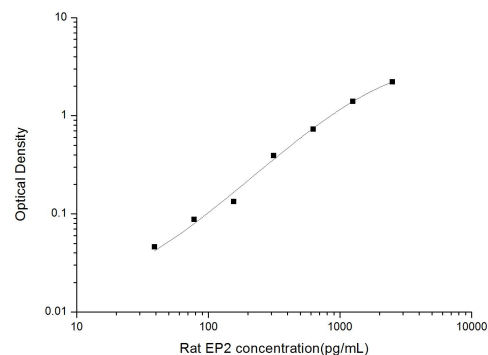
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	5732
<b>Gene Symbol</b>	PTGER2
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat PTGER2 in samples. No significant cross-reactivity or interference between Rat PTGER2 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>	39.06 - 2500 pg/mL
<b>Sensitivity</b>	23.44 pg/mL
<b>Inter Assay</b>	8.86%
<b>Intra Assay</b>	8.96%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	88 - 111%
<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 PTGER2 ELISA Kit (Colorimetric) [NBP3-00461] - Samples were spiked with high concentrations of Rat PTGER2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat PTGER2 ELISA Kit (Colorimetric) [NBP3-00461] - Standard Curve Reference



## Publications

Song CX, Liu SY, Zhu WT et al. Excessive mechanical stretch mediated osteoblasts promote the catabolism and apoptosis of chondrocytes via the Wnt/beta catenin signaling pathway Molecular medicine reports 2021-08-01 [PMID: 34165157] (ELISA)



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### **Products Related to NBP3-00461**

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H00005732-P01-10ug	Recombinant Human PTGER2 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-16740-100ul	PTGER2 Antibody (2G10L6)
MEP00B	Erythropoietin/EPO [HRP]

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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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