

# Product Datasheet

## Rat Alkaline Phosphatase, Intestinal ELISA Kit (Colorimetric) NBP2-68196

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 2

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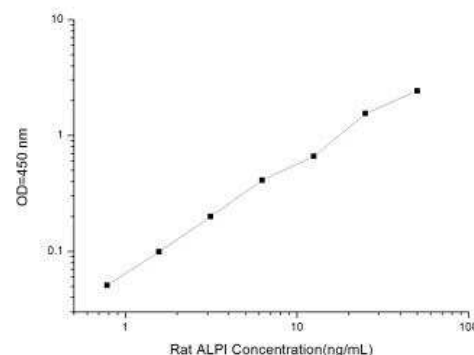
**NBP2-68196****Rat Alkaline Phosphatase, Intestinal ELISA Kit (Colorimetric)**

<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>	248
<b>Gene Symbol</b>	ALPI
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat ALPI in samples. No significant cross-reactivity or interference between Rat ALPI 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>	0.78 - 50 ng/mL
<b>Sensitivity</b>	0.47 ng/mL
<b>Inter Assay</b>	CV% < 4.8%
<b>Intra Assay</b>	CV% < 4.7%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	88-106%
<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

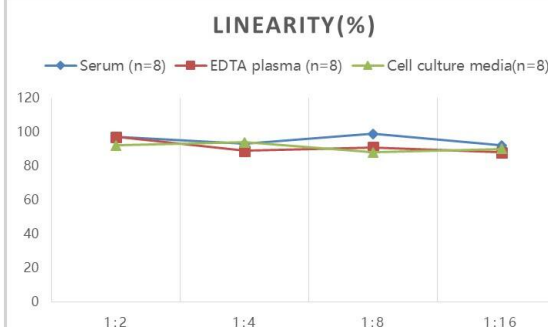


## Images

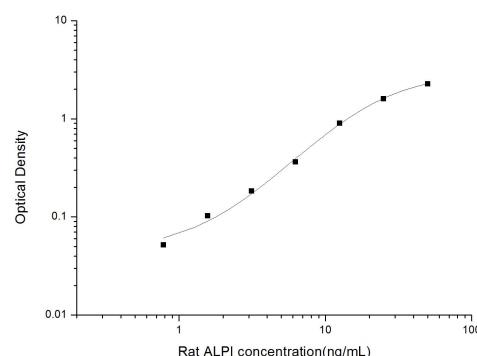
Rat Alkaline Phosphatase, Intestinal ELISA Kit (Colorimetric) [NBP2-68196] - Standard Curve Reference



ELISA: Rat Alkaline Phosphatase, Intestinal ELISA Kit (Colorimetric) [NBP2-68196] - Samples were spiked with high concentrations of Rat Alkaline Phosphatase, Intestinal and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Alkaline Phosphatase, Intestinal ELISA Kit (Colorimetric) [NBP2-68196] - 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)



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### **Products Related to NBP2-68196**

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H00000248-Q01-10ug	Recombinant Human Alkaline Phosphatase, Intestinal GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-25355	Alkaline Phosphatase, Intestinal Antibody (HL1268) - Azide and BSA Free
AF835	Caspase-3 Antibody [Unconjugated] - Active

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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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