

# Product Datasheet

## Rat Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric) NBP2-82130

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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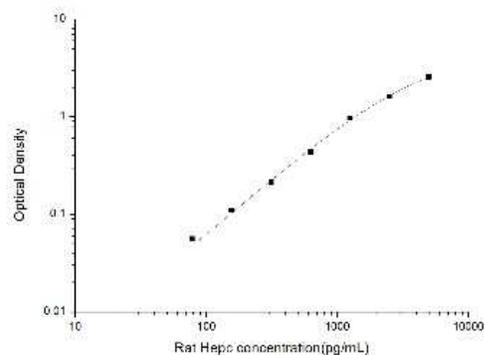


**NBP2-82130****Rat Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric)**

<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>	57817
<b>Gene Symbol</b>	HAMP
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat Hepcidin Antimicrobial Peptide in samples. No significant cross-reactivity or interference between Rat Hepcidin Antimicrobial Peptide and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate, dismountable (8 wells x 12 strips); Reference Standard (2 vials); Concentrated (100X) Biotinylated Detection Ab (120 uL); Concentrated (100X) HRP Conjugate (120 uL); Reference Standard & Sample Diluent (20 mL); Biotinylated Detection Ab
<b>Standard Curve Range</b>	78.13 - 5000 pg/mL
<b>Sensitivity</b>	46.88 pg/mL
<b>Inter Assay</b>	CV% < 6%
<b>Intra Assay</b>	CV% < 5%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	average = 95% for serum; average = 97% for EDTA plasma; average = 97% for cell culture media
<b>Suitable Sample Type</b>	Serum, Plasma, Cell supernatant
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

**Images**

ELISA: Rat Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric)  
[NBP2-82130] - Standard Curve Reference



## Publications

Kato S, Yamamoto K, Uchida S, Takahashi T TP0463518 (TS-143) Ameliorates Peptidoglycan-Polysaccharide Induced Anemia of Inflammation in Rats Biological & pharmaceutical bulletin 2021-11-01 [PMID: 34719642] (ELISA)





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### **Products Related to NBP2-82130**

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H00057817-P01-10ug	Recombinant Human Hepcidin Antimicrobial Peptide GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
DHP250	Hepcidin Antimicrobial Peptide [HRP]
D6050	IL-6 [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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