

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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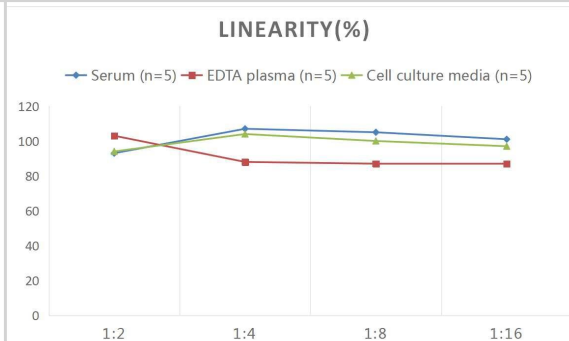


NBP2-82130**Rat Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric)**

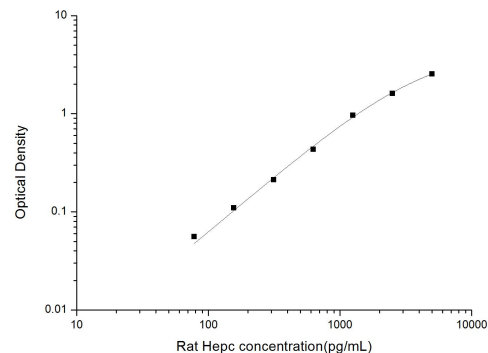
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	57817
Gene Symbol	HAMP
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat Hepcidin Antimicrobial Peptide in samples. No significant cross-reactivity or interference between Rat Hepcidin Antimicrobial Peptide and analogues was observed.
Kit Components	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
Standard Curve Range	78.13 - 5000 pg/mL
Sensitivity	46.88 pg/mL
Inter Assay	CV% < 6%
Intra Assay	CV% < 5%
Assay Type	Sandwich-ELISA
Spiking Recovery	average = 95% for serum; average = 97% for EDTA plasma; average = 97% for cell culture media
Suitable Sample Type	Serum, Plasma, Cell supernatant
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric) [NBP2-82130] - Samples were spiked with high concentrations of Rat Hepcidin Antimicrobial Peptide and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



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

H00057817-P01-10ug	Recombinant Human Hepcidin Antimicrobial Peptide GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
DHP250	Hepcidin Antimicrobial Peptide [HRP]
M6000B-1	IL-6 [HRP]

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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