

# Product Datasheet

## Mouse Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric) NBP2-82129

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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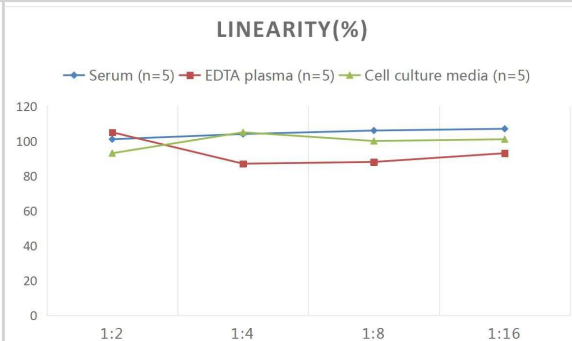


**NBP2-82129****Mouse Hepcidin Antimicrobial Peptide ELISA Kit (Colorimetric)**

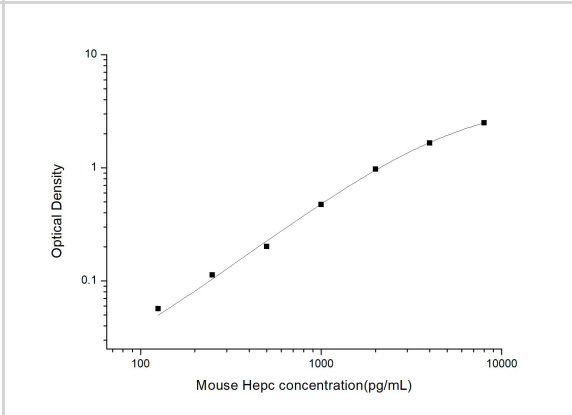
| <b>Product Information</b>         |                                                                                                                                                                                                                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                     | Mouse                                                                                                                                                                                                                                                           |
| <b>Specificity/Sensitivity</b>     | This kit recognizes Mouse Hepcidin Antimicrobial Peptide in samples. No Significant cross-reactivity or interference between Mouse 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>        | 125 - 8000 pg/mL                                                                                                                                                                                                                                                |
| <b>Sensitivity</b>                 | 75 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 = 94% for serum; average = 97% for EDTA plasma; average = 94% 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: Mouse Hecidin Antimicrobial Peptide ELISA Kit (Colorimetric) [NBP2-82129] - Samples were spiked with high concentrations of Mouse Hecidin Antimicrobial Peptide and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Hecidin Antimicrobial Peptide ELISA Kit (Colorimetric) [NBP2-82129] - Standard Curve Reference



## Publications

Cho SH, Cho YJ, Park JH The human symbiont *Bacteroides thetaiotaomicron* promotes diet-induced obesity by regulating host lipid metabolism *Journal of microbiology* (Seoul, Korea) 2022-01-01 [PMID: 34964947]



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### Products Related to NBP2-82129

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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]                                  |
| M6000B-1           | 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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