

# Product Datasheet

## Mouse Beta-endorphin ELISA Kit (Colorimetric) NBP2-78775

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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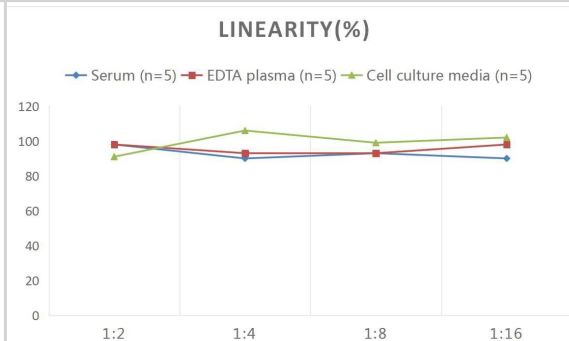


**NBP2-78775****Mouse Beta-endorphin ELISA Kit (Colorimetric)**

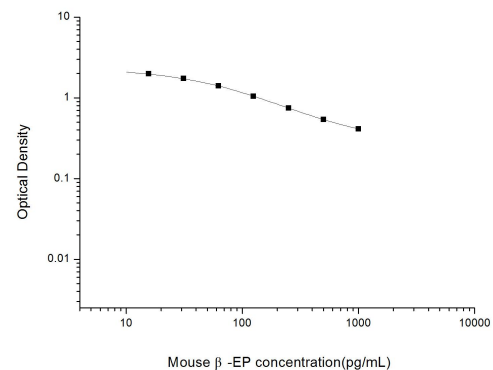
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	5443
<b>Gene Symbol</b>	POMC
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse beta-EP in samples. No significant cross-reactivity or interference between Mouse beta-EP 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>	15.63 - 1000 pg/mL
<b>Sensitivity</b>	9.38 pg/mL
<b>Inter Assay</b>	CV% < 5.18%
<b>Intra Assay</b>	CV% < 4.96%
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	85-107%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Mouse Beta-endorphin ELISA Kit (Colorimetric) [NBP2-78775] - Samples were spiked with high concentrations of Mouse Beta-endorphin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Beta-endorphin ELISA Kit (Colorimetric) [NBP2-78775] - Standard Curve Reference



## Publications

Uenoyama R, Miyazaki T, Hurst JL, et al. The characteristic response of domestic cats to plant iridoids allows them to gain chemical defense against mosquitoes Science advances 2021-01-01 [PMID: 33523929] (ELISA, Mouse)



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### **Products Related to NBP2-78775**

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210-TA-005	TNF-alpha [Unconjugated]
NB500-414	Beta-endorphin Antibody (B31.15) - BSA Free
DLP00	Leptin/OB [HRP]
MAB1417	Insulin Antibody (182410) [Unconjugated]

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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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