

# Product Datasheet

## Mouse C-Peptide ELISA Kit (Colorimetric) NBP2-82124

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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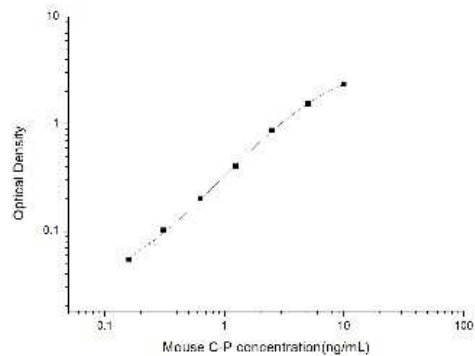


**NBP2-82124****Mouse C-Peptide ELISA Kit (Colorimetric)**

<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>	3630
<b>Gene Symbol</b>	INS
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse C-Peptide in samples. No significant cross-reactivity or interference between Mouse C-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>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.09 ng/mL
<b>Inter Assay</b>	CV% < 6%
<b>Intra Assay</b>	CV% < 6%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	average = 94% for serum; average = 92% 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: Mouse C-Peptide ELISA Kit (Colorimetric) [NBP2-82124] - Standard Curve Reference



## Publications

Song SH, Han D, Park K et al. Bone morphogenetic protein-7 attenuates pancreatic damage under diabetic conditions and prevents progression to diabetic nephropathy via inhibition of ferroptosis *Frontiers in endocrinology* 2023-05-24 [PMID: 37293506] (ELISA)





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### **Products Related to NBP2-82124**

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210-TA-005	TNF-alpha [Unconjugated]
DICP00	C-Peptide [HRP]
D6050	IL-6 [HRP]
236-EG-200	EGF [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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