

# Product Datasheet

## Mouse Proinsulin ELISA Kit (Colorimetric) NBP2-69821

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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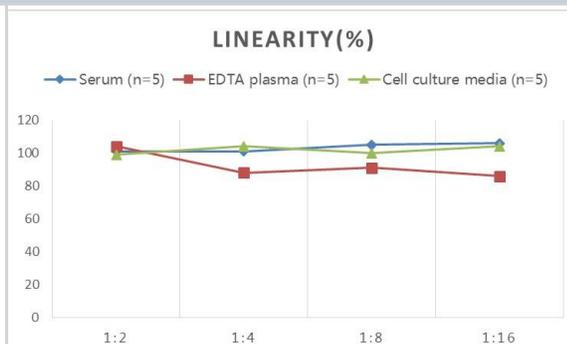
**NBP2-69821****Mouse Proinsulin ELISA Kit (Colorimetric)**

<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 Proinsulin in samples. No significant cross-reactivity or interference between Mouse Proinsulin 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>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.10 ng/mL
<b>Inter Assay</b>	CV% < 5%
<b>Intra Assay</b>	CV% < 5.26%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	84-102%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

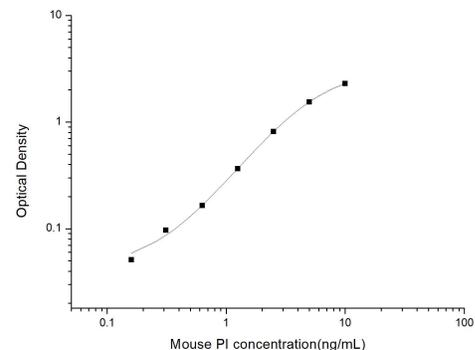


## Images

ELISA: Mouse Proinsulin ELISA Kit (Colorimetric) [NBP2-69821] - Samples were spiked with high concentrations of Mouse Proinsulin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Proinsulin ELISA Kit (Colorimetric) [NBP2-69821] - Standard Curve Reference



## Publications

Liu D, Yang KY, Chan VW et al. YY1 Regulates Glucose Homeostasis Through Controlling Insulin Transcription in Pancreatic Beta Cells Diabetes 2022-02-03 [PMID: 35113157] (ELISA)



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### **Products Related to NBP2-69821**

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236-EG-200	EGF [Unconjugated]
MAB13361	Proinsulin Antibody (253627) [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]
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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