

# Product Datasheet

## Rat Insulin ELISA Kit (Colorimetric) NBP2-62854

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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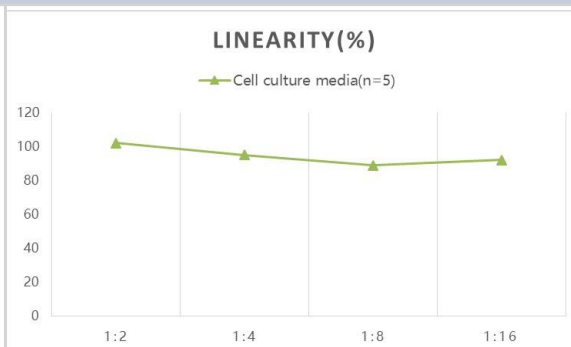


**NBP2-62854****Rat Insulin ELISA Kit (Colorimetric)**

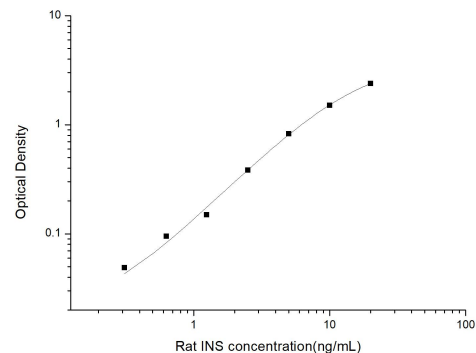
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	3630
<b>Gene Symbol</b>	INS
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat INS in samples. No significant cross-reactivity or interference between Rat INS 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>	0.31 - 20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL
<b>Inter Assay</b>	%CV < 5.91
<b>Intra Assay</b>	%CV < 5
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	86 - 105%
<b>Suitable Sample Type</b>	Cell culture supernatant and tissue homogenate
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Rat Insulin ELISA Kit (Colorimetric) [NBP2-62854] - Samples were spiked with high concentrations of Rat Insulin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Insulin ELISA Kit (Colorimetric) [NBP2-62854] - Standard Curve Reference



## Publications

Morsi AA, Mersal EA, Alsabih AO et al. Apoptotic susceptibility of pancreatic alpha cells to environmentally relevant dose levels of bisphenol-A versus dibutyl phthalate is mediated by HSP60/caspase-3 expression in male albino rats Cell biology international 2022-09-28 [PMID: 36168861]



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### **Products Related to NBP2-62854**

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NBP1-87485PEP	Insulin Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
MAB1417	Insulin Antibody (182410) [Unconjugated]
210-TA-005	TNF-alpha [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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