

# Product Datasheet

## Rat Amylin ELISA Kit (Colorimetric) NBP2-76735

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 2

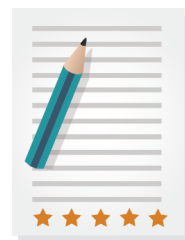
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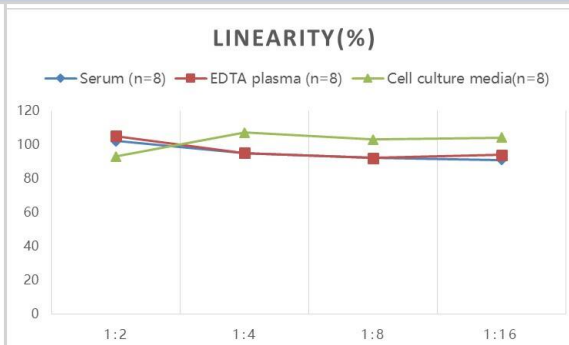
**NBP2-76735****Rat Amylin ELISA Kit (Colorimetric)**

<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>	3375
<b>Gene Symbol</b>	IAPP
<b>Species</b>	Rat
<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>	62.5 - 4000pg/mL
<b>Sensitivity</b>	37.5pg/mL
<b>Inter Assay</b>	CV% < 4.73
<b>Intra Assay</b>	CV% < 5.83
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	85-109%
<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

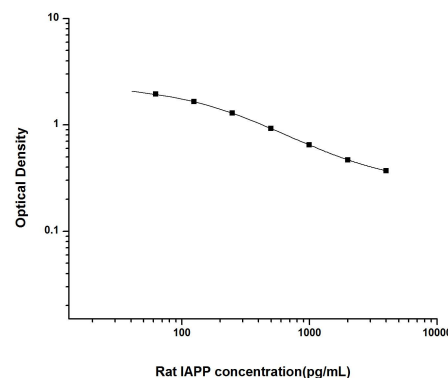


## Images

ELISA: Rat Amylin ELISA Kit (Colorimetric) [NBP2-76735] - Samples were spiked with high concentrations of Rat Amylin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Amylin ELISA Kit (Colorimetric) [NBP2-76735] - Standard Curve Reference



## Publications

Asra Iftikhar, Bilal Aslam, Maryam Iftikhar, Wafa Majeed, Mehwish Batool, Bushra Zahoor, Naseem Amna, Hareem Gohar, Iqra Latif Effect of Caesalpinia bonduc Polyphenol Extract on Alloxan-Induced Diabetic Rats in Attenuating Hyperglycemia by Upregulating Insulin Secretion and Inhibiting JNK Signaling Pathway Oxidative Medicine and Cellular Longevity 2020-03-17 [PMID: 32256963]

Tang S, Fang C, Liu Y et al. Anti-obesity and Anti-diabetic Effect of Ursolic Acid against Streptozotocin/High Fat Induced Obese in Diabetic Rats Journal of oleo science 2022-01-14 [PMID: 35034940]



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### **Products Related to NBP2-76735**

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NBP2-33680PEP	Amylin Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-33680	Amylin Antibody
AF835	Caspase-3 Antibody [Unconjugated] - Active

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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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