

Product Datasheet

Mouse Insulin ELISA Kit (Colorimetric) NBP2-62853

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 5

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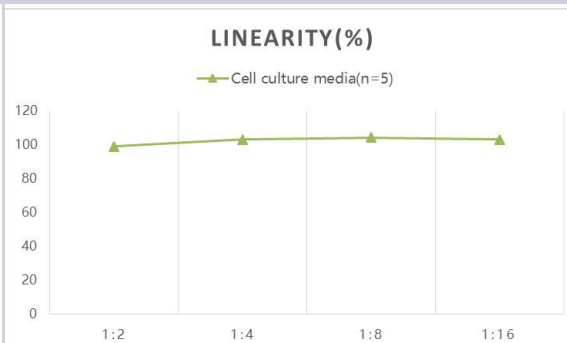


NBP2-62853**Mouse Insulin ELISA Kit (Colorimetric)**

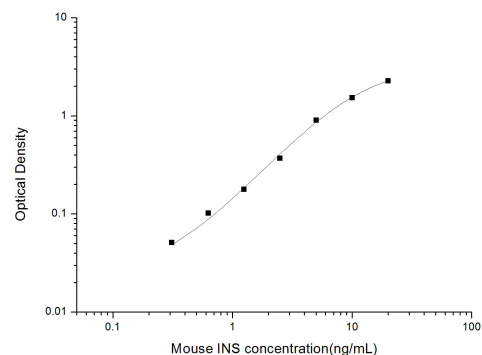
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	3630
Gene Symbol	INS
Species	Mouse
Specificity/Sensitivity	This kit recognizes Mouse INS in samples. No significant cross-reactivity or interference between Mouse INS and analogues was observed.
Kit Components	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description
Standard Curve Range	0.31-20 ng/mL
Sensitivity	0.19 ng/mL
Inter Assay	CV% < 10.00
Intra Assay	CV% < 10.00
Assay Type	Sandwich-ELISA
Spiking Recovery	95-110%
Suitable Sample Type	cell culture supernatant and tissue homogenate
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Mouse Insulin ELISA Kit (Colorimetric) [NBP2-62853] - Samples were spiked with high concentrations of Mouse Insulin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Insulin ELISA Kit (Colorimetric) [NBP2-62853] - Standard Curve Reference



Publications

Fatimah Al Khazal, Seungwoo Kang, Molly Nelson Holte, Doo Sup Choi, Ravinder Singh, Patricia Ortega Sáenz, José López Barneo, L. James Maher Unexpected obesity, rather than tumorigenesis, in a conditional mouse model of mitochondrial complex II deficiency *The FASEB Journal* 2020-11-27 [PMID: 33247500]

Nieto-Mazzocco E, Franco-Robles E, Saldaña-Robles A et al. Thermal Treatment of Commercial Sweetener Solutions Modulates the Metabolic Responses in C57BL/6 Mice during a 24-Week-Long Exposition Processes 2023-08-14 (ELISA)

Edwin RK, Acharya LP, Maity SK et al. TGS1/PIMT knockdown reduces lipid accumulation in adipocytes, limits body weight gain and promotes insulin sensitivity in mice *Biochimica et biophysica acta. Molecular basis of disease* 2023-09-24 [PMID: 37751782] (ELISA, Mouse)

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)

Ding L, Zhang Y, Wang Y et al. *Zhx2* maintains islet β -cell mass and function by transcriptionally regulating *Pax6* *iScience* 2023-06-16 [PMID: 37275527] (ELISA)



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Products Related to NBP2-62853

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

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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