

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

Mouse Ultrasensitive Insulin ELISA kit

RRID:AB_2792981

Type: Antibody

Proper Citation

Alpco Diagnostics Cat# 80-INSMSU-E01, RRID:AB_2792981

Antibody Information

URL: http://antibodyregistry.org/AB_2792981

Proper Citation: Alpco Diagnostics Cat# 80-INSMSU-E01, RRID:AB_2792981

Target Antigen: Insulin

Clonality: monoclonal

Comments: Applications: ELISA. Kit contains: microplate coated with a monoclonal antibody specific for insulin.

Antibody Name: Mouse Ultrasensitive Insulin ELISA kit

Description: This monoclonal targets Insulin

Target Organism: mouse

Antibody ID: AB_2792981

Vendor: Alpco Diagnostics

Catalog Number: 80-INSMSU-E01

Record Creation Time: 20250820T062148+0000

Record Last Update: 20250820T235433+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Ultrasensitive Insulin ELISA kit.

No alerts have been found for Mouse Ultrasensitive Insulin ELISA kit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Fuller OK, et al. (2025) Extracellular vesicles contribute to the beneficial effects of exercise training in APP/PS1 mice. *iScience*, 28(2), 111752.

Racine C, et al. (2025) A blocking antibody against anti-Müllerian hormone restores ovulation and normal androgen levels in a spontaneous rat model of polycystic ovary syndrome. *EBioMedicine*, 115, 105716.

Queen NJ, et al. (2025) Environmental Enrichment Normalizes Metabolic Function in the Murine Model of Prader-Willi Syndrome Magel2-Null Mice. *Endocrinology*, 166(3).

Li X, et al. (2025) Uric Acid Causes Pancreatic β Cell Death and Dysfunction via Modulating CHOP-Mediated Endoplasmic Reticulum Stress Pathways. *Diseases (Basel, Switzerland)*, 13(7).

Akter R, et al. (2025) Increased Steroidogenic Acute Regulatory Protein Contributes to Cholesterol-induced β -Cell Dysfunction. *Endocrinology*, 166(3).

Esser N, et al. (2024) Gut-specific Neprilysin Deletion Protects Against Fat-induced Insulin Secretory Dysfunction in Male Mice. *Endocrinology*, 165(8).

Beamish CA, et al. (2024) Osteocalcin protects islet identity in low-density lipoprotein receptor knockout mice on high-fat diet. *The Journal of endocrinology*, 261(1).

Raun SH, et al. (2024) Mild Cold Stress at Ambient Temperature Elevates Muscle Calcium Cycling and Exercise Adaptations in Obese Female Mice. *Endocrinology*, 165(10).

Esser N, et al. (2023) Acute Inhibition of Intestinal Neprilysin Enhances Insulin Secretion via GLP-1 Receptor Signaling in Male Mice. *Endocrinology*, 164(5).

Huang J, et al. (2023) Adipocyte Subpopulations Mediate Growth Hormone-induced Lipolysis and Glucose Tolerance in Male Mice. *Endocrinology*, 164(11).

Juliana CA, et al. (2023) A selective nonpeptide somatostatin receptor 5 (SST5) agonist effectively decreases insulin secretion in hyperinsulinism. *The Journal of biological chemistry*, 104816.

Gonzalez P, et al. (2023) Antimicrobial protein REG3A regulates glucose homeostasis and insulin resistance in obese diabetic mice. *Communications biology*, 6(1), 269.

Choi KM, et al. (2022) Adipose Mitochondrial Complex I Deficiency Modulates Inflammation and Glucose Homeostasis in a Sex-Dependent Manner. *Endocrinology*,

163(4).

Zapater JL, et al. (2022) Enterocyte HKDC1 Modulates Intestinal Glucose Absorption in Male Mice Fed a High-fat Diet. *Endocrinology*, 163(6).

Papazoglou I, et al. (2022) A distinct hypothalamus-to- β cell circuit modulates insulin secretion. *Cell metabolism*, 34(2), 285.

Matteo G, et al. (2021) Prolonged Low-Dose Dioxin Exposure Impairs Metabolic Adaptability to High-Fat Diet Feeding in Female but Not Male Mice. *Endocrinology*, 162(6).

Cole LK, et al. (2021) Tafazzin Deficiency Reduces Basal Insulin Secretion and Mitochondrial Function in Pancreatic Islets From Male Mice. *Endocrinology*, 162(7).

Dai C, et al. (2020) Dapagliflozin Does Not Directly Affect Human β or α Cells. *Endocrinology*, 161(8).

Mann SN, et al. (2020) Health benefits attributed to 17 β -estradiol, a lifespan-extending compound, are mediated through estrogen receptor α . *eLife*, 9.

Varin EM, et al. (2019) Distinct Neural Sites of GLP-1R Expression Mediate Physiological versus Pharmacological Control of Incretin Action. *Cell reports*, 27(11), 3371.