

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

Rat/Mouse Insulin ELISA Kit

RRID:AB_2783856

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# EZRMI-13K, RRID:AB_2783856

Antibody Information

URL: http://antibodyregistry.org/AB_2783856

Proper Citation: Sigma-Aldrich Cat# EZRMI-13K, RRID:AB_2783856

Target Antigen: Insulin

Clonality: unknown

Comments: Applications: ELISA

Kit contains: Plate coated with mouse monoclonal anti-rat insulin antibodies. Biotinylated anti-insulin antibody.

Note: Kit contents can vary - use with caution.

Antibody Name: Rat/Mouse Insulin ELISA Kit

Description: This unknown targets Insulin

Target Organism: Rat, Mouse

Antibody ID: AB_2783856

Vendor: Sigma-Aldrich

Catalog Number: EZRMI-13K

Record Creation Time: 20231110T031346+0000

Record Last Update: 20260831T185948+0000

Ratings and Alerts

No rating or validation information has been found for Rat/Mouse Insulin ELISA Kit.

No alerts have been found for Rat/Mouse Insulin ELISA Kit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Anaya ES, et al. (2025) A Mouse Model of Lipoatrophy Reveals Relationships Between Beige Fat Appearance and Female Fertility. *Endocrinology*, 167(1).

Waters MF, et al. (2025) Interaction of B0AT1 Deficiency and Diet on Metabolic Function and Diabetes Incidence in Male Nonobese Diabetic Mice. *Endocrinology*, 166(3).

Crawford TK, et al. (2025) Maternal Health and Safety Outcomes of Prenatal Myostatin Inhibition in Osteogenesis Imperfecta Mice. *Endocrinology*, 166(7).

He Q, et al. (2024) Hyperglycemia induced cathepsin L maturation linked to diabetic comorbidities and COVID-19 mortality. *eLife*, 13.

Osei-Ntansah A, et al. (2024) Liver Androgen Receptor Knockout Improved High-fat Diet Induced Glucose Dysregulation in Female Mice But Not Male Mice. *Journal of the Endocrine Society*, 8(4), bvae021.

Garg A, et al. (2023) Protective Effects of Rifampicin and Its Analog Rifampicin Quinone in a Mouse Model of Obesity-Induced Type 2 Diabetes. *ACS pharmacology & translational science*, 6(2), 253.

Thongnak L, et al. (2023) Metformin mitigates renal dysfunction in obese insulin-resistant rats via activation of the AMPK/PPAR γ pathway. *Archives of pharmacal research*, 46(5), 408.

Thongnak L, et al. (2022) The combination of dapagliflozin and statins ameliorates renal injury through attenuating the activation of inflammasome-mediated autophagy in insulin-resistant rats. *Journal of biochemical and molecular toxicology*, 36(4), e22978.

Wang W, et al. (2022) Knockdown of Acid-sensing Ion Channel 1a in the PVN Promotes Metabolic Disturbances in Male Mice. *Endocrinology*, 163(10).

Daniel B, et al. (2021) Endothelial Cell-Derived Triosephosphate Isomerase Attenuates Insulin Secretion From Pancreatic Beta Cells of Male Rats. *Endocrinology*, 162(3).

Monica Shih MC, et al. (2021) Embryonic Steroids Control Developmental Programming of Energy Balance. *Endocrinology*, 162(12).

Rodrigues AC, et al. (2021) Intramuscular Injection of miR-1 Reduces Insulin Resistance in Obese Mice. *Frontiers in physiology*, 12, 676265.

Fan L, et al. (2020) MiR-221/222 Inhibit Insulin Production of Pancreatic β -Cells in Mice. *Endocrinology*, 161(1).

Felsted JA, et al. (2020) Sex-specific Effects of α 2 β -1 in the Ventromedial Hypothalamus of Female Mice Controlling Glucose and Lipid Balance. *Endocrinology*, 161(7).

Ros P, et al. (2020) Sex Differences in Long-term Metabolic Effects of Maternal Resveratrol Intake in Adult Rat Offspring. *Endocrinology*, 161(8).

Hubbard K, et al. (2019) Chronic High-Fat Diet Exacerbates Sexually Dimorphic Pomctm1/tm1 Mouse Obesity. *Endocrinology*, 160(5), 1081.