Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 2, 2025

Kent Scientific Coda Blood Pressure System

RRID:SCR_018585
Type: Tool

Proper Citation

Kent Scientific Coda Blood Pressure System (RRID:SCR_018585)

Resource Information

URL: https://www.kentscientific.com/products/coda-high-throughput-system/

Proper Citation: Kent Scientific Coda Blood Pressure System (RRID:SCR_018585)

Description: CODA mouse rat tail-cuff system was designed to allow accurate blood pressure measurement in mice and rats. Blood pressure is measured in the tail of the mouse or rat using Volume Pressure Recording (VPR) sensor technology. Using the included software allows you to continuously view data in real-time.

Resource Type: instrument resource

Keywords: Blood Pressure System, Instrument, Equipment, Mouse Blood Pressure Measuring Equipment, USEDit, Kent Scientific

Funding:

Availability: Restricted

Resource Name: Kent Scientific Coda Blood Pressure System

Resource ID: SCR_018585

Alternate URLs: https://www.kentscientific.com/Customer-Content/www/products/Files/CODA_High_Thrpt_Manual_V2_00_02.pdf

Record Creation Time: 20220129T080340+0000

Record Last Update: 20250420T014914+0000

Ratings and Alerts

No rating or validation information has been found for Kent Scientific Coda Blood Pressure System.

No alerts have been found for Kent Scientific Coda Blood Pressure System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Das AC, et al. (2024) Injectable, reversibly thermoresponsive captopril-laden hydrogel for the local treatment of sensory loss in diabetic neuropathy. Scientific reports, 14(1), 18978.

Higazi AA, et al. (2024) Characterization of metabolic alterations in the lean metabolically unhealthy alpha defensin transgenic mice. iScience, 27(2), 108802.

Sweetat S, et al. (2024) Ovariectomy and High Fat-Sugar-Salt Diet Induced Alzheimer's Disease/Vascular Dementia Features in Mice. Aging and disease, 15(5), 2284.

Ju SH, et al. (2022) Melanocortin-4 receptors activate sympathetic preganglionic neurons and elevate blood pressure via TRPV1. Cell reports, 41(5), 111579.

Dargam V, et al. (2022) S2 Heart Sound Detects Aortic Valve Calcification Independent of Hemodynamic Changes in Mice. Frontiers in cardiovascular medicine, 9, 809301.

Watts SW, et al. (2021) Male and female high-fat diet-fed Dahl SS rats are largely protected from vascular dysfunctions: PVAT contributions reveal sex differences. American journal of physiology. Heart and circulatory physiology, 321(1), H15.

Saget S, et al. (2020) Changes in circulating miRNA19a-3p precede insulin resistance programmed by intra-uterine growth retardation in mice. Molecular metabolism, 42, 101083.

Galaz J, et al. (2020) A Protocol for Evaluating Vital Signs and Maternal-Fetal Parameters Using High-Resolution Ultrasound in Pregnant Mice. STAR protocols, 1(3), 100134.

Magombedze G, et al. (2017) Inferring biomarkers for Mycobacterium avium subsp. paratuberculosis infection and disease progression in cattle using experimental data. Scientific reports, 7, 44765.

Mishra JS, et al. (2016) Testosterone downregulates angiotensin II type-2 receptor via androgen receptor-mediated ERK1/2 MAP kinase pathway in rat aorta. Journal of the renin-angiotensin-aldosterone system : JRAAS, 17(4).

Sathishkumar K, et al. (2011) Fetal programming of adult hypertension in female rat offspring exposed to androgens in utero. Early human development, 87(6), 407.