

Resource Summary Report

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LabChart

RRID:SCR_023643

Type: Tool

Proper Citation

LabChart (RRID:SCR_023643)

Resource Information

URL: <https://www.adinstruments.com/products/labchart/versions-and-licenses>

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Description: LabChart data analysis software creates platform for all of your recording devices to work together, allowing you to acquire biological signals from multiple sources simultaneously and apply advanced calculations and plots as your experiment unfolds. Used for collection and analysis of signals. Recommended for researchers and educators who want the capabilities without modules and automation of specific measurements.

Resource Type: software resource, software application, data analysis software, data processing software

Keywords: LabChart, data analysis, collection and analysis of signals, specific measurements without modules and automation,

Resource Name: LabChart

Resource ID: SCR_023643

Record Creation Time: 20230602T050209+0000

Record Last Update: 20260808T190257+0000

Ratings and Alerts

No rating or validation information has been found for LabChart.

No alerts have been found for LabChart.

Data and Source Information

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Pereyra KV, et al. (2026) Peripheral chemoreceptors sustain central chemoreflex potentiation and cardiorespiratory abnormalities in high-output heart failure. *Basic research in cardiology*, 121(1), 113.

Andersen VK, et al. (2026) Light-aversion and cephalic allodynia in an intravenous CGRP model of migraine-like behaviour in male and female rats. *The journal of headache and pain*, 27(1), 45.

Williams SL, et al. (2026) Precocial parasympathetic-mediated cardiac regulation in embryonic gulf killifish (*Fundulus grandis*). *The Journal of experimental biology*, 229(9).

Ota K, et al. (2026) Impact of cooling garments on performance during and after vigorous, heart-rate-clamped exercise in young males under hot and humid conditions. *Physiological reports*, 14(9), e70898.

Manrique-Maldonado G, et al. (2026) Overexpression of small-conductance Ca^{2+} -activated K^{+} channel 2 attenuates pain-like behavior in female mice with cystitis. *JCI insight*, 11(10).

Wonderman Bar Sela O, et al. (2026) MEPs elicited by multidirectional rotational-field TMS show marked differences compared to unidirectional Figure-of-8 and H7 coils. *PloS one*, 21(2), e0343725.

Ivanova A, et al. (2026) Biogenic Synthesis, Structural Characterization, and Biological Evaluation of Nanoparticles Derived from *Chlorella vulgaris* Ethanolic Extract. *Nanomaterials (Basel, Switzerland)*, 16(3).

Balc? H, et al. (2026) Inhibitory Effects of Oxytocin on Jejunal Migrating Myoelectric Complex Activity in Fasted Rats: Role of Oxytocin and GLP-1 Receptors. *Life (Basel, Switzerland)*, 16(6).

Rees J, et al. (2026) Rostafuroxin ameliorates cardiac glycoside-induced cardiomyocyte electrolyte imbalances and arrhythmia in ovo. *American journal of physiology. Heart and circulatory physiology*, 330(3), H838.

Feng X, et al. (2026) Slow-wave sleep engages brainstem circuitry to prevent stress-induced anxiety. *Neuron*.

Elizondo G, et al. (2026) Acute arrhythmias in a long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency mouse model. *American journal of physiology. Heart and circulatory physiology*, 330(2), H484.

Lohbihler M, et al. (2026) Human pluripotent stem cell-derived atrioventricular node-like pacemaker cells exhibit biological conduction bridge properties. *Cell stem cell*, 33(4), 571.

Li R, et al. (2026) Hyperexcitable VTA-mPFC dopaminergic circuit disrupts sleep spindle and mediates sleep fragmentation after chronic social defeat stress. *Neuron*.

Cady CN, et al. (2026) Delayed Cardiovascular Response to Acute Hypotension in Heart Failure Patients Compared to Healthy Adults. *International journal of vascular medicine*, 2026, 5472750.

Zhu Z, et al. (2026) A neurovascular survival axis for adult sympathetic neurons. *Neuron*.

El-Naggar AE, et al. (2026) Adenosine A2a receptors offset cholinergic control of blood pressure, autonomic neuropathy, and brainstem neuroinflammation in sepsis. *Naunyn-Schmiedeberg's archives of pharmacology*, 399(9), 13927.

Kavanagh PV, et al. (2025) Analytical and behavioral characterization of 1-dodecanoyl-LSD (1DD-LSD). *Drug testing and analysis*, 17(1), 101.

Basha D, et al. (2025) The reuniens nucleus of the thalamus facilitates hippocampocortical dialogue during sleep. *eLife*, 12.

Gassier R, et al. (2025) Beneficial effects of reduced soft tissue vibrations with compression garments on delayed neuromuscular impairments induced by an exhaustive downhill run. *Frontiers in sports and active living*, 7, 1516617.

Anraku M, et al. (2025) Long-term in vivo performance of silicone membrane lungs coated with novel methacryloyloxyethyl phosphorylcholine polymers: A pilot study. *Artificial organs*, 49(5), 842.