

Resource Summary Report

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LabChart Reader

RRID:SCR_017551

Type: Tool

Proper Citation

LabChart Reader (RRID:SCR_017551)

Resource Information

URL: <https://www.adinstruments.com/products/labchart>

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Description: LabChart data analysis software creates a 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. LabChart Reader is free version of software that allows to analyse with some limitations. LabChart Reader doesn't allow saving of data - export image only. Has data pad for analysis.

Synonyms: LabChart Reader software 8.1, LabChart Reader software

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

Keywords: Adinstruments, LabChart, data, analysis, calculation, plot

Resource Name: LabChart Reader

Resource ID: SCR_017551

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

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260806T054652+0000

Ratings and Alerts

No rating or validation information has been found for LabChart Reader.

No alerts have been found for LabChart Reader.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 141 mentions in open access literature.

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

Nielsen BE, et al. (2025) Postsynaptic adaptations in direct pathway muscarinic M4-receptor signaling follow the temporal and regional pattern of dopaminergic degeneration. NPJ Parkinson's disease, 11(1), 186.

Oparija-Rogenmozere L, et al. (2025) Time-restricted feeding leads to sex- and organ-specific responses in the murine digestive system. PloS one, 20(9), e0332295.

Cong X, et al. (2025) Functional characterization of neuropeptides that act as ligands for both calcitonin-type and pigment-dispersing factor-type receptors in a deuterostome. eLife, 13.

Okuda T, et al. (2025) The posterior capsular central amygdala showing synaptic coactivation with nociplastic pain-associated parabrachial neurons in mice. iScience, 28(8), 113001.

Yang W, et al. (2025) Total flavonoids of Dracocephalum heterophyllum Benth protects against coronary microvascular dysfunction by mitigating different patterns of cell death. Scientific reports, 15(1), 44474.

Shu S, et al. (2025) Histone Deacetylase 6 Controls Atrial Fibrosis and Remodeling in Postinfarction Mice Through the Modulation of Wnt3a/GSK-3 β Signaling. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(10), e70650.

Soma S, et al. (2025) Channel synapse mediates neurotransmission of airway protective chemoreflexes. Cell, 188(10), 2687.

Motso A, et al. (2025) GRK-biased adrenergic agonists for the treatment of type 2 diabetes and obesity. Cell.

Abreo TJ, et al. (2025) Plural molecular and cellular mechanisms of pore domain KCNQ2 encephalopathy. eLife, 13.

Nielsen BE, et al. (2024) Reduced striatal M4-cholinergic signaling following dopamine loss contributes to parkinsonian and L-DOPA-induced dyskinetic behaviors. Science advances, 10(47), eadp6301.

Sert O, et al. (2024) Postsynaptic β 1 spectrin maintains Na⁺ channels at the neuromuscular junction. The Journal of physiology, 602(6), 1127.

Michel-Flutot P, et al. (2024) PTEN inhibition promotes robust growth of bulbospinal respiratory axons and partial recovery of diaphragm function in a chronic model of cervical contusion spinal cord injury. *Experimental neurology*, 378, 114816.

Michel-Flutot P, et al. (2024) PTEN inhibition promotes robust growth of bulbospinal respiratory axons and partial recovery of diaphragm function in a chronic model of cervical contusion spinal cord injury. *bioRxiv : the preprint server for biology*.

Zanini A, et al. (2023) In vivo functional brain mapping using ultra-high-field fMRI in awake common marmosets. *STAR protocols*, 4(4), 102586.

Wang T, et al. (2023) Downregulation of cardiac PIASy inhibits Cx43 SUMOylation and ameliorates ventricular arrhythmias in a rat model of myocardial ischemia/reperfusion injury. *Chinese medical journal*, 136(11), 1349.

Slot EMH, et al. (2023) Ex vivo and in vivo evaluation of transsphenoidal LipoSeal application to prevent cerebrospinal fluid leakage. *Acta neurochirurgica*, 165(6), 1511.

Mamazhakypov A, et al. (2023) Surgical protocol for pulmonary artery banding in mice to generate a model of pressure-overload-induced right ventricular failure. *STAR protocols*, 4(4), 102660.

Chuaiphichai S, et al. (2023) Endothelial cell-specific roles for tetrahydrobiopterin in myocardial function, cardiac hypertrophy, and response to myocardial ischemia-reperfusion injury. *American journal of physiology. Heart and circulatory physiology*, 324(4), H430.

Baldwin SN, et al. (2023) Marked oestrous cycle-dependent regulation of rat arterial KV 7.4 channels driven by GPER1. *British journal of pharmacology*, 180(2), 174.

Vrijdag XC, et al. (2023) Comparing the EMMA capnograph with sidestream capnography and arterial carbon dioxide pressure at 284 kPa. *Diving and hyperbaric medicine*, 53(4), 327.