Resource Summary Report

Generated by RRID on Aug 6, 2026

Leica: Vibratome VT1000S Leica: Microsystems

RRID:SCR_016495
Type: Tool

Proper Citation

Leica: Vibratome VT1000S Leica: Microsystems (RRID:SCR_016495)

Resource Information

URL: https://www.leicabiosystems.com/us/research/vibratomes/leica-vt1000-s/

Proper Citation: Leica: Vibratome VT1000S Leica: Microsystems (RRID:SCR_016495)

Description: Vibrating blade microtome for sectioning by Leica Biosystems. Used in neurophysiology, neuropathology, experimental pathology, botany (roots and plants) and industry (foams)., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: Leica Vibratome VT1000S Leica Biosystems

Resource Type: instrument resource

Keywords: instrument, histology, equipment, vibrating, blade, microtome, sectioning, vibratome, fix, tissue, neuropathology, pathology

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Specification URL: https://drive.google.com/file/d/1uhQbOLXtoHEZxoHQHcYaNAGk2C4UOUqs/view?usp=drivesdk

Resource Name: Leica: Vibratome VT1000S Leica: Microsystems

Resource ID: SCR_016495

Alternate URLs: https://www.leicabiosystems.com/sites/default/files/media_product-download/2021-03/Leica_VT1000S_IFU_2v4L_en.pdf

Old URLs: https://www.leicabiosystems.com/es/equipo-histologia/microtomos-deslizantes/microtomos-de-cuchillas-vibrantes/detalles/product/leica-vt1000-s/

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260801T190544+0000

Ratings and Alerts

No rating or validation information has been found for Leica: Vibratome VT1000S Leica: Microsystems.

No alerts have been found for Leica: Vibratome VT1000S Leica: Microsystems.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 72 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Gomez-Giro G, et al. (2025) ?-Synuclein Pathology Spreads in a Midbrain-Hindbrain Assembloid Model. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(20), e2409040.

Degen R, et al. (2025) Ca2+-Activated Ion Channels Exert Opposite Effects in Different Signaling Compartments of Vomeronasal Sensory Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(16).

Chen L, et al. (2025) Motor cortical neuronal hyperexcitability associated with ?-synuclein aggregation. NPJ Parkinson's disease, 11(1), 18.

Kolling LJ, et al. (2025) The superficial tufted and mitral cell output neurons of the mouse olfactory bulb have dual roles in insulin sensing. Journal of cell science, 138(19).

Koury J, et al. (2025) EphB2-mediated ephrin-B reverse signaling on microglia drives an anti-viral, but inflammatory and neurotoxic response associated with HIV. Journal of neuroinflammation, 22(1), 171.

Stevens NA, et al. (2025) Diversity of axon initial segment geometry in the mouse hippocampus and its predicted influence on neuronal excitability. Cerebral cortex (New York, N.Y. : 1991), 35(12).

Haoui M, et al. (2025) Kir7.1 is the physiological target for hormones and steroids that regulate uteroplacental function. Science advances, 11(10), eadr5086.

Ciscato M, et al. (2025) Covalent anchoring of tethered ligands to chemogenetic handles for targeted in vivo neuropharmacology. STAR protocols, 6(4), 104186.

Villanueva CB, et al. (2025) Human glial progenitors transplanted into Huntington disease mice normalize neuronal gene expression, dendritic structure, and behavior. Cell reports, 44(6), 115762.

Kolling LJ, et al. (2025) The superficial tufted and mitral cell output neurons of the mouse olfactory bulb have dual roles in insulin sensing. bioRxiv : the preprint server for biology.

Zuccoli E, et al. (2025) Reproducibility of PD patient-specific midbrain organoid data for in vitro disease modeling. iScience, 28(10), 113541.

Le Gac B, et al. (2025) Elevated pyramidal cell firing orchestrates arteriolar vasoconstriction through COX-2-derived prostaglandin E2 signaling. eLife, 13.

Glausier JR, et al. (2025) Volume electron microscopy reveals 3D synaptic nanoarchitecture in postmortem human prefrontal cortex. iScience, 28(7), 112747.

Lourenço MR, et al. (2025) Postnatal Zika virus infection increases seizure susceptibility and disrupts cortical organization and GABAergic interneuron positioning in mice. Neuroscience, 585, 125.

Cano JC, et al. (2025) Newly generated striatal neurons rescue motor circuitry in a Huntington's disease mouse model. Cell reports, 44(4), 115440.

Makhijani P, et al. (2025) Amyloid-?-driven Alzheimer's disease reshapes the colonic immune system in mice. Cell reports, 116109.

Cherian S, et al. (2024) Loss of Midbrain Dopamine Neurons Does Not Alter GABAergic Inhibition Mediated by Parvalbumin-Expressing Interneurons in Mouse Primary Motor Cortex. eNeuro, 11(5).

Chen L, et al. (2024) Motor Cortical Neuronal Hyperexcitability Associated with ?-Synuclein Aggregation. Research square.

Zaforas M, et al. (2024) Protocol for stimulating specific rodent limb receptive fields while recording in vivo somatosensory-evoked activity. STAR protocols, 5(2), 102972.

Müllner FE, et al. (2024) Individual thalamic inhibitory interneurons are functionally specialized toward distinct visual features. Neuron, 112(16), 2765.