

Resource Summary Report

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Vibratome VT1000S Leica Microsystems

RRID:SCR_016495

Type: Tool

Proper Citation

Vibratome VT1000S Leica Microsystems (RRID:SCR_016495)

Resource Information

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

Proper Citation: 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).

Synonyms: Leica Vibratome VT1000S Leica Biosystems

Resource Type: instrument resource

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

Funding:

Availability: Commercially available

Resource Name: 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

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Ratings and Alerts

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

No alerts have been found for Vibratome VT1000S Leica Microsystems.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 57 mentions in open access literature.

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

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

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).

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.

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

Shimogori T, et al. (2024) Molecular architecture of primate specific neural circuit formation. Research square.

Chen L, et al. (2024) Motor Cortical Neuronal Hyperexcitability Associated with α -Synuclein Aggregation. bioRxiv : the preprint server for biology.

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

Hajnal B, et al. (2024) Intracortical mechanisms of single pulse electrical stimulation (SPES) evoked excitations and inhibitions in humans. Scientific reports, 14(1), 13784.

Barmppa K, et al. (2024) Modeling early phenotypes of Parkinson's disease by age-induced midbrain-striatum assembloids. *Communications biology*, 7(1), 1561.

Osuna-Lopez F, et al. (2024) Age-, region-, and day/night-related variation of the chloride reversal potential in the rat suprachiasmatic nucleus. *Journal of neuroscience research*, 102(8), e25373.

Tan W, et al. (2024) Anxiety control by astrocytes in the lateral habenula. *Neuroscience research*.

Ferran JL, et al. (2024) Atypical Course of the Habenulo-Interpeduncular Tract in Chick Embryos. *The Journal of comparative neurology*, 532(7), e25646.

Prem N, et al. (2024) Restoration of sleep-wake behavior following short photoperiod exposure in ventral subicular lesioned male Wistar rats: A 24-h sleep-wake electroencephalographical study. *Journal of neuroscience research*, 102(7), e25367.

Colom M, et al. (2024) Conditioning- and reward-related dendritic and presynaptic plasticity of nucleus accumbens neurons in male and female sign-tracker rats. *The European journal of neuroscience*, 60(7), 5694.

Hamacher C, et al. (2024) A revised conceptual framework for mouse vomeronasal pumping and stimulus sampling. *Current biology : CB*, 34(6), 1206.

Tzanou A, et al. (2024) Excitatory Projections of Wide Field Collicular Neurons to the Nucleus of the Optic Tract in the Rat. *The Journal of comparative neurology*, 532(7), e25651.

Herrera-Zamora JM, et al. (2024) Increased glutamatergic neurotransmission between the retinohypothalamic tract and the suprachiasmatic nucleus of old mice. *Journal of neuroscience research*, 102(4), e25331.

Kalyuzhnaya YN, et al. (2024) An Alternative Photothrombotic Model of Transient Ischemic Attack. *Translational stroke research*.

Song C, et al. (2023) Aminoprocaltitonin protects against hippocampal neuronal death via preserving oxidative phosphorylation in refractory status epilepticus. *Cell death discovery*, 9(1), 144.

Ayon-Olivas M, et al. (2023) Dopaminergic Input Regulates the Sensitivity of Indirect Pathway Striatal Spiny Neurons to Brain-Derived Neurotrophic Factor. *Biology*, 12(10).