

Resource Summary Report

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Leica: VT1200S vibratome

RRID:SCR_018453

Type: Tool

Proper Citation

Leica: VT1200S vibratome (RRID:SCR_018453)

Resource Information

URL: <https://www.leicabiosystems.com/es/equipo-histologia/microtomos-deslizantes/microtomos-de-cuchillas-vibrantes/leica-vt1200-s/>

Proper Citation: Leica: VT1200S vibratome (RRID:SCR_018453)

Description: Fully automated Leica VT1200 S vibrating blade microtome designed for sectioning for cutting fresh and fixed tissue in neuroscience by Leica Biosystems.

Synonyms: Leica VT1200 S vibrating blade microtome, Leica VT1200S

Resource Type: instrument resource

Keywords: Vibrating blade microtome, vibratome, sectioning, cutting, fresh tissue, fixed tissue, instrument, equipment

Availability: Restricted

Resource Name: Leica: VT1200S vibratome

Resource ID: SCR_018453

Alternate URLs: https://www.leicabiosystems.com/sites/default/files/media_product-download/2021-03/Leica_VT1200S_IFU_1v7J_en.pdf

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260905T132836+0000

Ratings and Alerts

No rating or validation information has been found for Leica: VT1200S vibratome.

No alerts have been found for Leica: VT1200S vibratome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Patiño M, et al. (2026) Protocol for mapping neural circuit connectivity with START: Single transcriptome assisted rabies tracing. STAR protocols, 7(2), 104634.

Homberg U, et al. (2026) Unexpected Evolutionary Divergence of Tachykinin-Positive Neurons Innervating the Central Complex in Hexapods. The Journal of comparative neurology, 534(3), e70142.

Hammoudi A, et al. (2026) Antibody-mediated targeting of SOSIP HIV-1 Env to skin Langerhans cells potentiates humoral responses. EBioMedicine, 127, 106269.

Tomé AR, et al. (2026) The antidepressant-like effect of adenosine A1 receptor over-expression in forebrain neurons does not involve an altered adenosine-mediated control of excitatory synaptic transmission. Neuropharmacology, 298, 111056.

Lee CR, et al. (2025) Separable dorsal raphe dopamine projections mimic the facets of a loneliness-like state. eLife, 14.

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

Maurya SK, et al. (2025) Mucin 5AC Promotes Breast Cancer Brain Metastasis through cMET/CD44v6. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(5), 921.

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. Immunity, 58(1), 197.

Wang J, et al. (2025) Microglia-Mediated Synaptic Dysfunction Contributes to Chemotherapy-Related Cognitive Impairment. Journal of neurochemistry, 169(3), e70024.

Singhal SM, et al. (2025) Mu-opioid receptor activation potentiates excitatory transmission at the habenulo-peduncular synapse. Cell reports, 44(7), 115874.

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

Serikov A, et al. (2024) Protocol for in vivo dual-color fiber photometry in the mouse thalamus. STAR protocols, 5(2), 102931.

Bruentgens F, et al. (2024) The Lack of Synapsin Alters Presynaptic Plasticity at Hippocampal Mossy Fibers in Male Mice. eNeuro, 11(7).

Khodaie B, et al. (2024) Distinct GABAergic modulation of timing-dependent LTP in CA1 pyramidal neurons along the longitudinal axis of the mouse hippocampus. *iScience*, 27(3), 109320.

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

Warlow SM, et al. (2024) Mesoaccumbal glutamate neurons drive reward via glutamate release but aversion via dopamine co-release. *Neuron*, 112(3), 488.

Yaeger CE, et al. (2024) A dendritic mechanism for balancing synaptic flexibility and stability. *Cell reports*, 43(8), 114638.

Nayana J, et al. (2024) Repeated finasteride administration promotes synaptic plasticity and produces antidepressant- and anxiolytic-like effects in female rats. *Journal of neuroscience research*, 102(3), e25306.

Midorikawa M, et al. (2024) Developmental refinement of the active zone nanotopography and axon wiring at the somatosensory thalamus. *Cell reports*, 43(10), 114770.

Chen L, et al. (2023) Reduced thalamic excitation to motor cortical pyramidal tract neurons in parkinsonism. *Science advances*, 9(34), eadg3038.