Resource Summary Report

Generated by NIF on May 18, 2025

Leica DMI6000 B inverted microscope

RRID:SCR_018713
Type: Tool

Proper Citation

Leica DMI6000 B inverted microscope (RRID:SCR_018713)

Resource Information

URL: https://www.leica-microsystems.com/products/light-microscopes/p/leica-dmi6000-b/

Proper Citation: Leica DMI6000 B inverted microscope (RRID:SCR_018713)

Description: Inverted microscope for biomedical research. Offers Differential Interference Contrast for relief imaging of specimens with varying indices of refraction. Used for fluorescence, live cell, time-lapse imaging, high-speed multi-fluorescence optical sectioning, and micromanipulation. Features automated contrast and illumination manager, motorized Z focus, parfocality function, automatic brightness and diaphragm adjustment, and many other automated functions that provide convenience and reproducible results. Archived Product. Replaced by DMi8 S.

Synonyms: , Leica DMI6000 B, Leica DMI6000 B Fully Automated Inverted Research Microscope

Resource Type: instrument resource

Keywords: Leica, Automated Inverted Research Microscope, Instrument Equipment, USEDit

Funding:

Availability: Commercially available

Resource Name: Leica DMI6000 B inverted microscope

Resource ID: SCR_018713

Alternate IDs: SCR_020216, SCR_020228, SCR_020220, Model_Number_Leica_DMI6000_B

Alternate URLs: https://www.ed.ac.uk/sites/default/files/atoms/files/leica_dmi6000b_manual.pdf

Record Creation Time: 20220129T080341+0000

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Ratings and Alerts

No rating or validation information has been found for Leica DMI6000 B inverted microscope.

No alerts have been found for Leica DMI6000 B inverted microscope.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Zhou H, et al. (2024) Monocyte adhesion to and transmigration through endothelium following cardiopulmonary bypass shearing is mediated by IL-8 signaling. Frontiers in cardiovascular medicine, 11, 1454302.

Sousa SC, et al. (2024) Stretch triggers microtubule stabilization and MARCKS-dependent membrane incorporation in the shaft of embryonic axons. Current biology : CB, 34(19), 4577.

Joshi BS, et al. (2023) Preparation of chaperone-loaded neural stem cell-derived extracellular vesicles to reduce protein aggregation in Huntington's disease cellular models. STAR protocols, 4(1), 102134.

Kawata M, et al. (2022) Long-range axonal projections of transplanted mouse embryonic stem cell-derived hypothalamic neurons into adult mouse brain. PloS one, 17(11), e0276694.

Nogueira-Rodrigues J, et al. (2022) Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection. Developmental cell, 57(4), 440.

Mohr T, et al. (2022) The prominent role of the S100A8/S100A9-CD147 axis in the progression of penile cancer. Frontiers in oncology, 12, 891511.

Ferreira JJ, et al. (2021) SLO2.1/NALCN a sodium signaling complex that regulates uterine activity. iScience, 24(11), 103210.

Chou PR, et al. (2021) Simultaneous hyperbaric oxygen therapy during systemic chemotherapy reverses chemotherapy-induced peripheral neuropathy by inhibiting TLR4 and TRPV1 activation in the central and peripheral nervous system. Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer, 29(11), 6841.

Flowers BM, et al. (2021) Cell of Origin Influences Pancreatic Cancer Subtype. Cancer discovery, 11(3), 660.

Ortiz-Capisano MC, et al. (2014) Endothelin inhibits renin release from juxtaglomerular cells via endothelin receptors A and B via a transient receptor potential canonical-mediated pathway. Physiological reports, 2(12).