Resource Summary Report

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Nikon ECLIPSE Ti2 inverted microscope

RRID:SCR_021068
Type: Tool

Proper Citation

Nikon ECLIPSE Ti2 inverted microscope (RRID:SCR_021068)

Resource Information

URL: https://www.microscope.healthcare.nikon.com/en_EU/products/inverted-microscopes/eclipse-ti2-series

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Description: Inverted microscope delivers unparalleled 25mm field of view. With this FOV, the Ti2 maximizes sensor area of large format CMOS cameras without making compromises, and significantly improves data throughput. Stable, drift free platform designed to meet demands of super resolution imaging with high speed imaging applications. Status of each sensor is automatically recorded during acquisition, providing quality control for imaging experiments and enhancing data reproducibility.

Synonyms: ECLIPSE Ti2, Nikon ECLIPSE Ti2

Resource Type: instrument resource

Keywords: Nikon, inverted microscope, Instrument, Equipment, USEDit

Funding:

Availability: Commercially available

Resource Name: Nikon ECLIPSE Ti2 inverted microscope

Resource ID: SCR_021068

Alternate IDs: Model_Number_Ti2

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250519T204232+0000

Ratings and Alerts

No rating or validation information has been found for Nikon ECLIPSE Ti2 inverted microscope.

No alerts have been found for Nikon ECLIPSE Ti2 inverted microscope.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Baumann V, et al. (2024) Faa1 membrane binding drives positive feedback in autophagosome biogenesis via fatty acid activation. The Journal of cell biology, 223(7).

Sakurai J, et al. (2024) Effects of blastocyst elongation and implantation chamber formation on the alignment of the embryonic axis and uterine axis in mice. Frontiers in cell and developmental biology, 12, 1421222.

Ahtiainen A, et al. (2024) Astrocytes facilitate gabazine-evoked electrophysiological hyperactivity and distinct biochemical responses in mature neuronal cultures. Journal of neurochemistry, 168(9), 3076.

Cofiño-Fabres C, et al. (2024) Micro-Engineered Heart Tissues On-Chip with Heterotypic Cell Composition Display Self-Organization and Improved Cardiac Function. Advanced healthcare materials, 13(18), e2303664.

Ichikawa T, et al. (2023) Protocol for live imaging of intracellular nanoscale structures using atomic force microscopy with nanoneedle probes. STAR protocols, 4(3), 102468.

Thompson JM, et al. (2023) Development of a 5-HT7 receptor antibody for the rat: the good, the bad, and the ugly. Naunyn-Schmiedeberg's archives of pharmacology.

Mishra R, et al. (2023) Mechanopathology of biofilm-like Mycobacterium tuberculosis cords. Cell, 186(23), 5135.

Cho E, et al. (2023) 14-3-3? haploinsufficiency leads to altered dopamine pathway and Parkinson's disease-like motor incoordination in mice. Molecular brain, 16(1), 2.

Garg N, et al. (2023) Non-muscle myosin II drives critical steps of nematocyst morphogenesis. iScience, 26(3), 106291.

Rivera-Arbeláez JM, et al. (2023) Automated assessment of human engineered heart tissues using deep learning and template matching for segmentation and tracking. Bioengineering & translational medicine, 8(3), e10513.

Kim JH, et al. (2022) Neuroinflammation Induced by Transgenic Expression of Lipocalin-2 in Astrocytes. Frontiers in cellular neuroscience, 16, 839118.

Kwon O, et al. (2021) TWIK-1 BAC-GFP Transgenic Mice, an Animal Model for TWIK-1 Expression. Cells, 10(10).