

Resource Summary Report

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Olympus: IX70 Inverted Fluorescence Microscope

RRID:SCR_018604

Type: Tool

Proper Citation

Olympus: IX70 Inverted Fluorescence Microscope (RRID:SCR_018604)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscope-resource/primer/techniques/fluorescence/tirf/ix70cutaway/>

Proper Citation: Olympus: IX70 Inverted Fluorescence Microscope (RRID:SCR_018604)

Description: Inverted fluorescence tissue culture microscope capable of imaging specimens in brightfield, darkfield, phase contrast, Hoffman modulation contrast, fluorescence, and differential interference contrast modes. TIRFM-IX illuminator is this microscope accessory which attaches to the rear lamphouse port and contains FC connector for external laser source and port for mercury or xenon lamp housing.

Synonyms: Olympus IX70 Inverted Fluorescence Tissue Culture Microscope

Resource Type: instrument resource

Keywords: Inverted Fluorescence Microscope, Instrument, Equipment, Olympus, USEdit, ABRF

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018604.pdf

Resource Name: Olympus: IX70 Inverted Fluorescence Microscope

Resource ID: SCR_018604

Alternate IDs: SCR_020348, Model_Number_IX70

Alternate URLs:

<https://www.ucc.ie/en/media/academic/anatomy/imagingcentre/icdocuments/Olympus-IX50-IX70-Inverted-Microscope-ManualBSIMODEL.pdf>

Record Creation Time: 20220129T080341+0000

Ratings and Alerts

No rating or validation information has been found for Olympus: IX70 Inverted Fluorescence Microscope.

No alerts have been found for Olympus: IX70 Inverted Fluorescence Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Harzer M, et al. (2025) Rotavirus-specific neutralization assay enables evaluation of mucosal immune responses. *Frontiers in immunology*, 16, 1677823.

Whinnery C, et al. (2024) CD59 Protects Primary Human Cerebrovascular Smooth Muscle Cells from Cytolytic Membrane Attack Complex. *Research square*.

Whinnery CD, et al. (2024) CD59 Protects Primary Human Cerebrovascular Smooth Muscle Cells from Cytolytic Membrane Attack Complex. *Brain sciences*, 14(6).

Huang L, et al. (2023) Silencing LncRNA SNHG16 suppresses the diabetic inflammatory response by targeting the miR-212-3p/NF- κ B signaling pathway. *Diabetology & metabolic syndrome*, 15(1), 119.

Lee H, et al. (2023) In vitro characterization on the role of APOE polymorphism in human hippocampal neurogenesis. *Hippocampus*, 33(4), 322.