

# 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](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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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-??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.