

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

Olympus IX-53

RRID:SCR_015801

Type: Tool

Proper Citation

Olympus IX-53 (RRID:SCR_015801)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscopes/inverted/ix53/>

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Description: Equipment that is a microscope for routine inverted microscopic analysis. Its features include pre-centered phase contrast, relief contrast, and UIS2 DIC optics for visualization across all magnifications for both thin and thick specimens.

Abbreviations: IX-53

Synonyms: IX53, IX53 Inverted Microscope, Olympus IX53 Inverted Microscope

Resource Type: resource

Keywords: microscope, inverted microscope, routine inverted microscopic analysis, phase contrast, relief contrast, uis2 dic optic, hardware, instrument, equipment

Availability: Commercially available, Available for purchase

Resource Name: Olympus IX-53

Resource ID: SCR_015801

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260808T190042+0000

Ratings and Alerts

No rating or validation information has been found for Olympus IX-53 .

No alerts have been found for Olympus IX-53 .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Liu Z, et al. (2026) Maternal vitamin B12 deprivation exacerbates offspring obesity by reducing early-life colonization with Bifidobacterium pseudolongum. Cell metabolism.

Bayat H, et al. (2023) Synthetic miR-21 decoy circularized by tRNA splicing mechanism inhibited tumorigenesis in glioblastoma in vitro and in vivo models. Molecular therapy. Nucleic acids, 32, 432.

Chen X, et al. (2019) Mesenchymal stem cells overexpressing heme oxygenase-1 ameliorate lipopolysaccharide-induced acute lung injury in rats. Journal of cellular physiology, 234(5), 7301.