

# Olympus IX-51 Inverted Microscope

The Inverted microscope is an easy-to-use manual system with long working distance objectives for imaging cell culture plates used at CurtinMRI. It is capable of both Fluorescence and Brightfield Colour imaging, including Phase contrast for imaging unstained cells (10x magnification only). The new Olympus DP-74 camera has very good resolution and sensitivity and is excellent for both brightfield and fluorescence.







## Features

- Long working distance objectives for TC plates
- Fluorescence and Brightfield Colour imaging
- Phase contrast (10x objective only)
- High resolution camera – Olympus DP74
- Stage adapters for slides and small dishes

## Objective Lenses

- 4x N.A. 0.10 Plan Dry
- 10x N.A. 0.25 Plan Dry
- 20x N.A. 0.45 PlanFluorDry
- 40x N.A. 0.60 PlanFluorDry
- 40x NA 0.95 (for slides and plates with optical quality bottoms)

## Excitation and Emission

Filter #	Excitation	Dichroic	Emission	Fluorophores
2	350/50 	400	460/50 	DAPI, HOECHST
3	480/30 	505	535/40 	GFP, FITC, Alx488
4	540/25 	565	605/55 	mCherry, Alx561
1 (BF)				

May2026