



HoloMonitor® M4FL

Featured Applications

Cell death

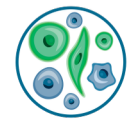
Co-culture

Uptake assay

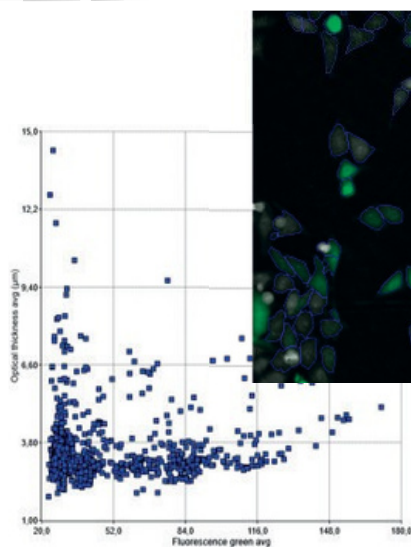
Reporter Gene
Expression

Transfection
Efficiency

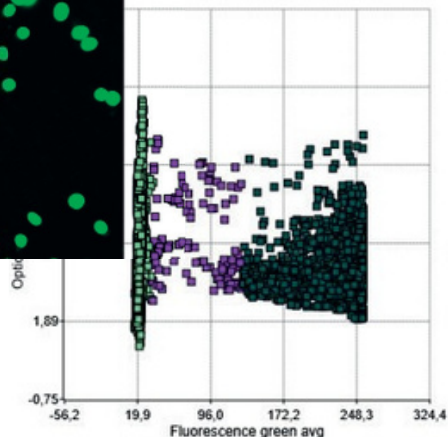
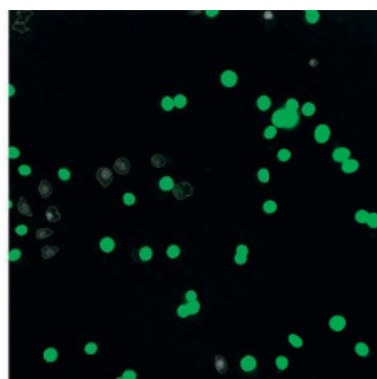
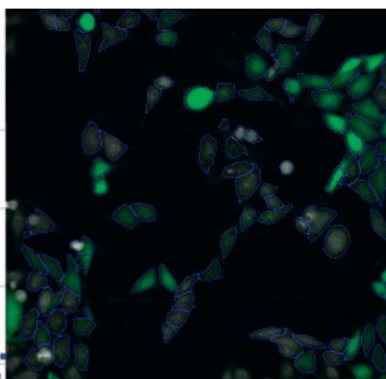
Live Cell
Staining



Fluorescence Capture

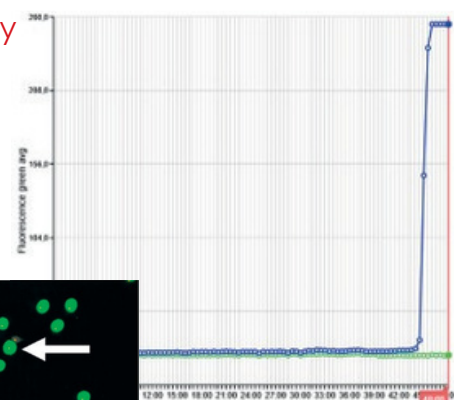
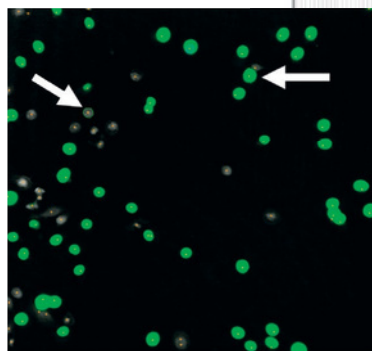
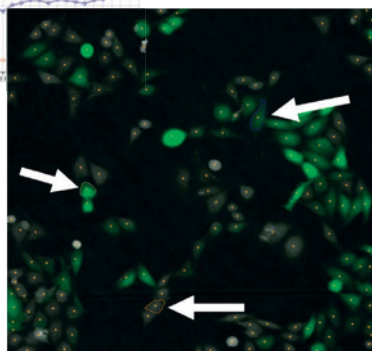
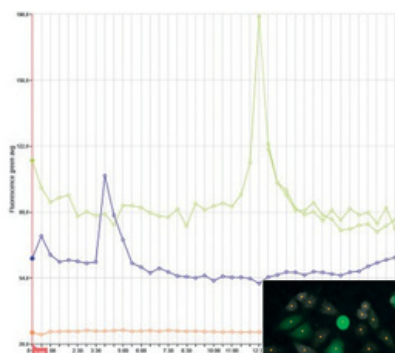


Co-culture



Cell Death

Fits inside the incubator
Holography with fluorescence
Less fluorescence capture
needed Less photocytotoxicity
More quantitative data



Technical Specifications

HoloMonitor® Fluorescence Add-on

1-channel fluorescence: Optimized for EGFP (FITC-Cy2)
Excitation/Emission: 470/525 nm
Exposure time: 1 – 1000 ms
Field of view: 567 µm × 567µm, 0.25 mm²
Gain: 1 – 4

Image Resolution: 1 µm
Image size: 1024 × 1024 pixels
Dimensions: 310 x 180 x 85 mm (W × D × H)
Weight: 4.5 kg
Power: < 5 W
Interface: USB connector