

Leica DM6 B MultiFluo

Wide-field fluorescence microscope. The Navigator software, together with the (x,y) motorized stage, allows the fast acquisition of overview images that can be used to navigate in the sample, mark and find specific areas of interest or acquire tiled images.

Objectives

HI PLAN 4X / 0.10 DRY

HC PL APO 10X / 0.45 DRY

HC PL APO CS2 20X / 0.75 DRY

HC PL APO 40X / 0.95 DRY

HC PL APO 63X / 1.40 OIL

HC PL APO 100X / 1.40 OIL

Light Configuration

Bright Field (BF)

Fluorescence (FLUO)

Differential Interference Contrast (DIC), **available only for 100X OIL objective lens**

Polarized Light (POL)

Fluorescence Filters

Filter ID	Excitation	Dichroic Mirror	Emission
DAP	325-375 nm	400	435-485 nm
CFP	426-446 nm	455	460-500 nm
YFP	490-510 nm	515	520-550 nm
L5	460-500 nm	505	512-542 nm
RHO	541-551 nm	560	565-605 nm
TXR	540-580 nm	585	592-668 nm
Y5	590-650 nm	660	662-738 nm

Camera

Andor Zyla VSC-04470 sCMOS

Resolution: 2048 x 2048 (4.2 Mpixel)

Camera pixel size: 6.5 μm

Sensor area: 13.3 x 13.3 mm^2

Camera Data Range: 16 bit