

### LEIC DM IRE2 INVERTED MICROSCOPE

Name	Description	Excitation Filter	Dichroic Mirror	Emission Filter	Use
BF	No filter	n/a	n/a	n/a	Brightfield
GFP 41001	FITC/RSGFP/Bodipy/Fluo3/DiO	480 (40nm) 460-500	515LP	535 (50nm) 510-560	
Rhodamine 41002B	TRITC (Rhodamine with narrow band excitation filter)	545 (30nm) 530-560	570LP	610 (75nm) 572-637	
UV TR1 UV BP	UV				

### ADDITIONAL FILTERS (these are available but permission is required to replace filter cubes)

Name	Description	Excitation Filter	Dichroic Mirror	Emission Filter	Use
31044v2	Cyan GFP	436 (20nm) 426-446	455LP	480 (40nm) 460-500	This set will typically exclude the signal from YFP but not from GFP.
41028	Yellow GFP BP (10C/Topaz)	500 (20nm) 490-510	515LP	535 (30nm) 520-550	This set is designed to image YFP. It will not, in most cases, detect CFP when co-expressed in cells. By eye, fluorescence in the 535 nm passband will be seen as green.

### LEICA DM RD UPRIGHT MICROSCOPE

Name	Description	Excitation Filter	Dichroic Mirror	Emission Filter	Use
A	UV	340-380	400 425LP		
N2.1	Green	546 (14nm)	580 590LP		
I3	Blue	450-490	510 515LP		
Y5	Red	620 (60nm) 590-650	660	700 (75nm) 663-737	