

Andor/Olympus Spinning Disk Specifications

Objectives on Olympus IX3 microscope

Color Band	Mag	NA	WD	Imm	c. slip	Type	Field
Yellow	10x	0.4	3.1	dry	0.17	UPlanSApo	26.5
Green	20x	0.7	0.7	dry	0-.16	UCP PlanFL N	22
blue	40X	0.95	0.18	dry	.11-.23	UPlanSApo	26.5
Red+Green	30x	1.05	0.8	silicon oil	.13-.19	UPlanSApo	22
Red+Blue	60x	1.35	0.3	silicon oil	.15-.19	UPlanSApo	22
White	100x	1.3	0.2	oil	0.17	UPlanFL	26.5

Filters in Olympus IX3 microscope				
Name	Ex	Dichroic	EM	Semrock Code
DAPI	387/11 (381-392)	409	447/60 (417-477)	DAPI 1160B
GFP	482/18 (3473-491)	495	520/28 (506-534)	GFP 1828A
TX Red	562/40 (542-582)	593	624/40 (604-644)	TXRed 4040C

Filters in Tucam		
Dichroic	Red Emission	Green Emission
FF 580	617/73	525/40
	581-653	505-565

Laser Specs	
Wavelength	Power
405	100 mW
488	50 mW
561	50 mW
647	100 mW