

ZEISS LSM 710 LASER SCANNING CONFOCAL MICROSCOPE

Axio Imager Z.1
X-Cite 120 PC

LASERS:

Argon 458/488 nm
HeNe 548 nm
HeNe 633 nm
DAPI 405nm

LENSES:

Magnification	NA	WD (mm)	Coverslip Thickness (mm)	Brightfield	Interference Contrast		Lens
					DIC Slider	DIC Contrast	
10x	0.45	5.6	0.17	yes	yes	I	Plan APOCHROMAT
20x	0.8	0.21	0.17	yes	yes	II	Plan APOCHROMAT
40x Oil	1.3	0.2	0.17	yes	yes	III	Plan NEOFLUAR
63x Oil	1.4	0.18	0.17	yes	yes	III	Plan APOCHROMAT
100x Oil	1.46	0.09	0.17	yes	yes	III	α Plan APOCHROMAT

REFLECTORS:

Position. 02	38 GFP
Position. 03	43 DsRed
Position. 04	49 DAPI
Position. 05	PoTL

SOFTWARE:

3D for LSM
Physiology/Time Series