

Materials List for

NAD(P)H Fluorescence Lifetime Imaging for the Metabolic Analysis of the Murine Intestine and Parasites During Nematode Infection

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Materials

Name	Company	Catalog Number	Comments
Agarose	Thermo fisher	J32802.22	ultra pure
Blunt scissors	FST fine science tools	14108-09	blund-blund 14 cm
Bodipy c12	thermo fisher	D3822	1 mg solid
Control units, diode, TCSPC	LaVision Biontech	custom	TrimScope II
DMSO	Thermo fisher	D12345	3 mL
Filters	Chroma	755	466 ± 20, 525 ± 25, 593 ± 20, 655 ± 20 nm
Foliodrape sheet	Hartmann	277500	
Gloves	Sigma-Aldrich	Z423262	nitril
Halogen torch	Leica	This item has been phased out and is no longer available	KL 1500 LCD
hPMT	Hamamatsu, Germany	H7422	GaAsP
Ilastik	Netlify	free Software	Java Backend
ImageJ	National Institutes of health	free Software	FIJI - standard plugins
Inspector	LaVision Biontech	-	Vers. 208
Intravital stage	LaVision Biontech	custom	TrimScope II
Lens system 20x	Zeiss	custom	W-plan-apochom 20x Waterimmersion NA 1.05
Mercury vapor torch	LaVision Biontech	custom	
microbrush	Fisher scientific	22-020-002	85 mm
Microscope	LaVision Biontech	custom	TrimScope II
Oscilloscope	Rhode & Schwarz	1326.2000.22	

PBS	Sigma-Aldrich	AM9624	0.5 L
Petri dish	Sigma aldrich	P5606	40 x 15 mm
Pipette	thermo fisher	4651280N	Einkanalpipette
Pipette tips	thermo fisher	94056980	Spitzen mit Filter
PMT	Hamamatsu, Japan	H7422	GaAsP
Python	Python Software foundation	free Software	Anaconda 3.7 Spyder IDE, standard librarys with KYTE
Sterio microscope	Leica	This item has been phased out and is no longer available	M26, 6.3x zoom
Ti:Sa LASER CHAMELION ULTRA II	Coherent, APE	-	690-1080 nm tunable, 80MHz
Tissueglue	3M	51115053603	3 mL
Tweezers	FST fine science tools	11049-10	blund, graefe, angeled
Tweezers	FST fine science tools	91197-00	Dumont, curved