

Materials List for:

Non-invasive Imaging of the Innate Immune Response in a Zebrafish Larval Model of *Streptococcus iniae* Infection

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Materials

Name	Company	Catalog Number	Comments
1.7 ml Eppendorfs	MidSci	AVSS1700	
14 ml Falcon tube	BD Falcon	352059	
27 G x ½ in. needle	BD Biosciences	305109	
96-well Plate	Corning Incorporated	3596	
Agar	BD Biosciences	214030	
CellTracker Red	Molecular Probes, Invitrogen	C34552	
CNA agar	Dot Scientific, Inc	7126A	
Disposable transfer pipets	Fisher Scientific	13-711-7m	
Dissecting scope	Nikon	SMZ745	
DMSO	Sigma Aldrich	D2650	
Ethanol 200 proof	MDS	2292	
Fine tweezers	Fine Science Tools	11251-20	
Gel comb	VWR	27372-482	4.2 mm width, 1.5 mm thick
Glass bottom dishes			Custom made by drilling a 16 - 18 mm hole in the center of a 35 mm tissue culture dish bottom and placing a 22 mm round #1 coverslip in the hole and sealing with a thin layer of Norland Optical Adhesive 68 cured by UV light.
Glycerol	Fisher Scientific	G33-4	
High melt agarose	Denville Scientific, Inc.	CA3510-6	
Hydrogen peroxide	Fisher Scientific	H325	
Laser scanning confocal microscope	Olympus	with FV-1000 system	
Low melt agarose	Fisher	BP165-25	
Magnetic stand	Tritech (Narishige)	GJ-1	
Microinjection system	Parker	Picospritzer III	
Microloader pipet tips	Eppendorf	930001007	
Micromanipulator	Tritech (Narishige)	M-152	
Micropipette puller	Sutter Instrument Company	Flaming/Brown P-97	
Nanodrop spectrophotometer	Thermo Scientific	ND-1000	
N-Phenylthiourea (PTU)	Sigma Aldrich	P7629	
Paraformaldehyde	Electron Microscopy Sciences	15710	
Petri dishes	Fisher Scientific	FB0875712	100 x 15 mm

Phenol	Sigma Aldrich	P-4557	
Phenol Red	Ricca Chemoical Company	572516	
Phosphate buffered saline	Fisher Scientific	BP665-1	
Potassium hydroxide	Sigma Aldrich	P-6310	
Pronase	Roche	165921	
Protease peptone	Fluka Biochemika	29185	
Small cell culture dish	Corning Incorporated	430165	35 x 10 mm
Sudan Black	Sigma Aldrich	S2380	
Thin wall glass capillary injection needles	World Precision Instruments, Inc.	TW100-3	
Todd Hewitt	Sigma Aldrich/Fluka Analytical	T1438	
Tricaine (ethyl 3-aminobenzoate)	Argent Chemical Laboratory/ Finquel	C-FINQ-UE-100G	
Triton X-100	Fisher Scientific	BP151-500	
Tween 20	Fisher Scientific	BP337-500	
Yeast extract	Fluka Biochemika	92144	