Materials List for:

The *Citrobacter rodentium* Mouse Model: Studying Pathogen and Host Contributions to Infectious Colitis

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Materials

Name	Company	Catalog Number	Comments
Luria Broth	ABM	G247	Add 25 g of LB powder to 1L of water. Autoclave before using.
Square bottom plate with grid	Fisher	08-757-11A	
Falcon culture tube	Sarstedt	62.515.006	
Bulb tipped gastric gavage needle	Fine Science Tools	18060-20	
1 ml syringe	BD Biosciences	309659	
4 kDa FITC-dextran	Sigma	FD-4	
Citric acid	Sigma	C7129	
Sodium citrate	Fisher	S279-500	
Dextrose	Fisher	D16.1	
Acid citrate dextrose			20 mM ctiric acid, 110 mM sodium citrate, 5 mM dextrose
Black 96-well plate	Fisher	07-200-762	
Metal beads (5 mm)	Qiagen	69989	
10% formalin	Fisher	5F93-4	
5 ml vial	DiaMed	STK3205	
Hematoxylin	Fisher	H345-23	
Eosin	Fisher	E511-100	
Xylene	Fisher	HC700-1GAL	
Tween 20	Sigma	P5927	
Coplin staining jar	VWR	47751-792	
Sodium citrate buffer			10 mM sodium citrate, 0.05% Tween 20, pH 6.0
Pap pen	Cedarlane	Mu22	
Goat serum	Sigma	G902-3	
Bovine Serum Albumin (BSA)	Fisher	BP1600-100	
Triton X-100	Sigma	T8532	
Sodium azide	Sigma	SZ002	
Blocking buffer			2% goat serum, 1% BSA, 0.1% triton X-100, 0.05% Tween 20, 0.05% sodium azide, 0.01 M PBS, pH 7.2, mix & store at 4 °C.
Antibody dilution buffer			0.1% triton X-100, 0.1% BSA, 0.05% sodium azide, 0.04% EDTA
Blocking buffer & Antibody dilution buffer for tir			Same recipes as above, but without addition of detergents (triton X-100 and tween 20)

Prolong Gold Antifade Reagent with DAPI	Invitrogen	P-36931	
Coverslips	Fisher	12.54SE	
Benchtop incubation shaker	Barnstead Lab Line	Max Q4000	
Fluorometer	Perkin Elmer	Victor2D	
Refrigerated centrifuge	Beckman Coulter	Microfuge 22R	
Steamer	Black Decker		
Fluorescence microscope	Zeiss	Axio Image.Z1	