

Materials List for:

Intra-tracheal Administration of *Haemophilus influenzae* in Mouse Models to Study Airway Inflammation

K. Venuprasad¹, Balamayooran Theivanthiran¹, Brandi Cantarel¹

¹Baylor Institute for Immunology Research, Baylor Research Institute

Correspondence to: K. Venuprasad at Venuprasad.poojary@baylorhealth.edu

URL: <https://www.jove.com/video/53964>

DOI: [doi:10.3791/53964](https://doi.org/10.3791/53964)

Materials

Name	Company	Catalog Number	Comments
Chocolate agar plate	Fisher Scientific	CAS50-99-7	
Dextrose Anhydrous	Thermo Scientific	R01300	
Heparin	Hospira, Inc	RL-3010	
Deft quick solution	Sigma	GS500-500ML	
Syringe needle 20/26G	BD	(REF305115/175)	
1ml syringe	BD	REF 309602	
Catheter 20GA	BD	REF 381433	
Dissecting Scissors, straight, 10 cm long	kentscientific	INS600393	
Iris Forceps, serrated, 10cm long	kentscientific	INS650915	
Tweezer #5 Stainless steel, 11cm long	kentscientific	INS600095	
10% Formalin	Fisher Scientific	CAS 67-56-1	
Agarose	peqlab	35-1020	
5ml polystyrene round-bottom tubes	BD	REF 352058	
1.5 ml Microcentrifuge tubes	Light Labs	A-7001-R	
Reasy Mini kit	Qiagen	74104	
Pellet pestle motor (Tissue homogenizer)	Sigma	Z359971-1EA	
96 well microtiter plates V bottom	Thermo	2605	
1X PBS	Gibco	10010-023	
OneComp eBeads	eBioscience	01-1111-42	
CD45.2-APC	eBioscience	17-0454-81	Working dilution 1:100
Ly-6G-eFlor 450	eBioscience	48-5931-82	Working dilution 1:100
BSA	HyClone	SH30574.03	
RBC Lysis Buffer (10X)	Biolegend	420301	
Live/Dead fixable aqua dead cell stain kit	Invitrogen	L-34957	
EDTA (0.5M)	lifetechnologies	15575-020	
CD16/CD32 FcBlock	BD	553142	
Facs tubes polystyrene round bottom tube	BD	352052	
Formaldehyde	Polyscience	4018	