

Materials List for:

Protective Efficacy and Pulmonary Immune Response Following Subcutaneous and Intranasal BCG Administration in Mice

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Materials

Name	Company	Catalog Number	Comments
Middlebrook 7H9 broth	BD	271310	
Middlebrook ADC Enrichment	BD	211887	
Tween 80	Scharlau	TW00800250	
3-mm diameter Glass Beads	Scharlau	038-138003	
Middlebrook 7H10 Agar	BD	262710	
1-ml syringe 26GA 0.45 x 10 mm	BD	301358	
GentleMACS dissociator	Miltenyi Biotec	130-093-235	
C tubes	Miltenyi Biotec	130-093-237	
M tubes	Miltenyi Biotec	130-093-236	
Collagenase D	Roche	11088882001	
DNaseI	Applichem	A3778,0100	
Falcon 70 µm Cell Strainer	Corning	352350	
RPMI 1640	Sigma	R0883	
Red Blood Cell Lysing Buffer	Sigma	R7757	
GlutaMAX Supplement	Gibco	35050-061	100x concentrated
Penicillin-Streptomycin Solution	Sigma	P4333	100x concentrated
Fetal Calf Serum	Biological Industries	04-001-1A	
2-Mercaptoethanol	Sigma	M3148-25ML	
Scepter 2.0 Handheld Automated Cell Counter	Millipore	PHCC20040	
Scepter Cell Counter Sensors, 40 µm	Millipore	PHCC40050	
Mycobacterium Tuberculosis - Tuberculin PPD	Statens Serum Institut (SSI)	2390	
Mouse IFN-γ ELISA development kit	Mabtech	3321-1H	
Mouse IL17A ELISA development kit	Mabtech	3521-1H	
Brefeldin A	Sigma	B7651	
FITC Rat Anti-Mouse CD4	BD	553047	
BD Cytotfix/Cytoperm Kit	BD	555028	
APC-Cy7 Rat Anti-mouse IL-17A	BD	560821	
APC Mouse Anti-mouse IFNγ	BD	554413	
LACHRYMAL OLIVE LUER LOCK 0.60 x 30 mm. 23G x 1 1/4"	UNIMED	27.134	Used as trachea cannula for BAL

high-protein binding polystyrene flat-bottom 96-well plates MAXISORP	NUNC	430341	
Albumin, from bovine serum	Sigma	A4503	
Goat Anti-Mouse IgA (α -chain specific)-Peroxidase antibody	Sigma	A4789	
3,3',5,5'-Tetramethylbenzidine (TMB)	Sigma	T0440	
MyTaq DNA Polymerase	Bioline	BIO-21107	The kit Includes Buffer 5x