

Materials List for:

# Intranasal Administration of Recombinant Influenza Vaccines in Chimeric Mouse Models to Study Mucosal Immunity

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URL: <https://www.jove.com/video/52803>

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## Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle Medium (DMEM 1x)	Gibco RL-Life Technologies	41965-039	
OptiMEM	Gibco RL-Life Technologies	31985-047	
Lipofectamine 2000	Invitrogen-Life Technologies	11668-027	
Penicillin-Streptomycin (10,000 U/ml)	PAA	p11-010	
Bovine Serum Albumin	Sigma-Aldrich	A2153	
Embryonated eggs	Valo biomedica Gmbh		
PBS (1x)	Sigma-Aldrich	D8537	
70 µM Nylon Filters	Greiner-Biorad	542-070	
Red Blood Cell Lysing buffer (RBCL) 10x	BD Bioscience	555899	
CD16/CD32 Mouse BD Fc Block (2.4G2)	BD Pharmigen	553142	
APC-Anti-mouse SIINFEKL-H2kb (25 D1.16)	Biolegend	141605	
PE-Anti-mouse CD11c (HLA3)	BD Biosciences	553802	
eFluor 450-Anti-mouse MHCII (Md/114.15.2)	eBioscience	48-5321-82	
Pe-Cy7-Anti-mouse CD11b (M1/70)	Biolegend	101216	
PerCp/Cy5.5-Anti-mouse CD103 (2E7)	Biolegend	121416	
PE-Anti-mouse CD45.1 (A20)	eBioscience	12-0453-82	
V500-Anti-mouse CD45.2 (1O4)	BD Bioscience	562130	
PerCp-eFluor710 -Anti-mouse CD8a (53-6.7)	eBioscience	46-0081-80	
APC-Cy7-Anti-mouse CD3ε (145-2611)	Biolegend	100325	
eFluor450-Anti-mouse CD4 (GK 1.5)	eBioscience	48-0041-80	
CFSE Proliferation dye	eBioscience	65-0850-85	
Baytril 2.5%	Bayer	65-0850-85	
Dymethyl-Sulfoxide (DMSO)	Sigma-Aldrich	D2650	
Ovalbumin	Molecular probes	O23020	
Diphtheria Toxin (DT)	Sigma-Aldrich	D0564	
Trypsin-TPCK	Sigma-Aldrich	T1426	
BD FACsCanto II Flow cytometer	BD Biosciences		

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FlowJo cell analysis software 9.5	Flowjo inc.		
Trypan Blue Stain (0.4%)	Life technologies	T10282	
Countess Automatic Cell Counter	Invitrogen-Life Technologies	C10227	