

Materials List for

# A CFSE-Based Assay to Monitor Skin Dendritic Cell Migration to Draining Lymph Nodes in Infected Mice

1  
?

URL: <https://www.jove.com/video/21990>

DOI: [doi:10.3791/21990](https://doi.org/10.3791/21990)

## Materials

Name	Company	Catalog Number	Comments
Isoflurane	Baxter	1001936060	
5- and 6-carboxyfluorescein diacetate succinimidyl ester (CFSE)	Invitrogen	C1157	
Dimethyl sulphoxide (DMSO)	Sigma	D2650	
Fetal bovine serum (FBS)	Sigma	F7524	
Bacille Calmette-Guérin (BCG)			Strain Pasteur, in house
Trypan blue solution	Sigma	T8154	
EDTA			In house
Sodium azide	Sigma	S2002	
PBS			In house
Filtered water			In house
BD Plastipak 3 ml syringe	BD Medical Surgical Systems	309658	Alternative: 5 ml syringe
6 well plates	TPP	92006	
15 ml centrifuge tubes	TPP	91015	Polypropylene
5 ml round bottom tubes	BD Falcon	3272948	Polystyrene
Univentor 400 anaesthesia unit	Univentor	8323001	
Monojet 3/10ml syringe	Medicarrier	8881511144	29 G x 1/2 in.
Sterile filter unit	TPP	99500	PES membrane
EPPI-Pistill homogenizer	Schuett biotech	3.200 512	Polypropylene
Allegra X-30R centrifuge	Beckman Coulter	B01145	
Bürker counting chamber	VWR	631-0920	
0.5 ml screw cap microtube	Sarstedt	72.73	Polypropylene
1.5 ml Eppendorf microcentrifuge tube	VWR	700-5239	Polypropylene
70 micron cell strainers	VWR	734-0003	
FlowJo cell analysis software	Tree Star		
<b>Antibody</b>	<b>Clone</b>	<b>Company</b>	
<b>Antibodies</b>			
MHC-II I-A/I-E	M5/114.15.2	BD Biosciences	
CD11b	M1/70	BD Biosciences	
CD11c	HL3	BD Biosciences	
CD16/CD32 (Fc-block)	2.4G2	BD Biosciences	
CD326/EpCAM	G8.8	Biolegend	
CD103	2.00E+07	Biolegend	
CD80	16-10A1	Biolegend	

---

CD86	GL-1	Biolegend	
------	------	-----------	--