

Materials List for:

Isolation and Analysis of Brain-sequestered Leukocytes from *Plasmodium berghei* ANKA-infected Mice

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Materials

Name	Company	Catalog Number	Comments
Solutions and buffers			
Giemsa's azur eosin methylene blue solution	Merck Millipore	1.09204.0500	1:10 dilution in distilled water
RPMI medium			Mouse tonicity
Mouse tonicity PBS			20 mM Sodium Phosphate, 0.149 NaCl, pH 7.3
0.4%Trypan Blue	Sigma Aldrich	T-8154	1:2 dilution
Collagenase D	Worthington Biochemical		
Deoxyribonuclease (DNase) I	Sigma Aldrich	D4263-5VL	From bovine pancreas
Percoll	GE Healthcare	17-0891-01	30% solution in PBS
Ultrapure Tris	Invitrogen	15505-020	
Ammonium Chloride (NH ₄ Cl)	AnalaR	10017	
Red Cell Lysis Buffer			17 mM Tris, 14 mM NH ₄ Cl, pH 7.2
FCS	Gibco	1009	
EDTA disodium salt	Merck	10093.5V	0.1M, pH 7.2
Antibodies and conjugates			
Anti-mouse CD16/CD32 (Fc Block), clone 2.4G2	BD Pharmingen	553142	1 µl in 50 µl staining buffer (0.5 mg/50 ml)
FITC-anti-mouse CD4, clone H129.19	BD Pharmingen	553651	
PE-anti-mouse NK1.1, clone PK136	BD Pharmingen	553165	
PerCP-Cy5.5-anti-mouse CD8, clone 53-6-7	BD Pharmingen	551162	
APC-anti-mouse TCR-β, clone H57-597	BD Pharmingen	553174	
PE-anti-mouse CXCR3, clone 220803	R&D Systems	FAB1685P	
Biotinylated-anti-mouse CCR5, clone C34-3448	BD Pharmingen	559922	
Streptavidin-PerCP-Cy5.5	BD Pharmingen	551419	
Equipment and material			
SuperFrost microscope slide	Lomb Menzel-Gläser		
Dissection forceps, scissors	REDA Instrumente		
500 ml PBS reservoir	Nalgene		
Rubber tubing			
23G needle	BD PrecisionGlide	302008	

Cell dissociation kit containing metal sieve	Sigma Aldrich	CD-1	
70 µm nylon cell strainer	BD Falcon	352350	
Hemocytometer	GmbH Neubauer	717810	
Flow cytometry tubes	BD Falcon	352008	