

Materials List for:

Isolation of Leukocytes from the Murine Tissues at the Maternal-Fetal Interface

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Materials

Name	Company	Catalog Number	Comments
Magentic Cell Separation			
MS Columns	Miltenyi Biotec	130-042-201	
Cell Separator	Miltenyi Biotec	130-042-102	
30 µm pre-separation filters	Miltenyi Biotec	130-041-407	
Multistand	Miltenyi Biotec	130-042-303	
15 ml conical tubes	Thermo Fisher	339650	
MACS Buffer	Miltenyi Biotec	Laboratory preparation	(0.5% bovine serum albumin, 2mM EDTA and 1x PBS, pH 7.2)
Reagents			
Accutase enzymatic solution	Life Technologies	A11105-01	
Anti-mouse CD16/CD32	BD Biosciences	533142	
Anti-mouse extracellular antibodies	BD Biosciences/eBiosciences		Table 1
Sodium azide	Fisher	S227-500	
Bovine serum albumin (BSA)	Sigma-Aldrich	A7906-100G	
LIVE/DEAD viability dye	Life Technologies	L23105	
Fixation buffer solution	BD Biosciences	558049	
FACS Buffer	BD Biosciences	Laboratory preparation	0.1% BSA, 0.05% sodium azide, 1x PBS, pH 7.4
Trypan blue solution 0.4%	BIO-RAD	145-0013	
Fetal bovine serum (FBS)	Life Technologies	16000-044	
Additional Instruments			
Incubator with shaker	Thermo Scientific	MaxQ 4450	
Flow cytometer	BD LSRFortessa		
Centrifuge	Thermo Scientific	Legend LXTR	
Vacuum system			laboratory constructed
Incubator	Thermo Scientific	Incubator 3307	
Water bath	Precision	51221035	
Cell counter	BIO-RAD	TC20 Automated Cell Counter	
Optical and fluorescence microscopes	Zeiss and Olympus	Zeiss LSM780 and Olympus CKX41	