

Materials List for:

## Isolation of Double Negative $\alpha\beta$ T Cells from the Kidney

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### Materials

Name	Company	Catalog Number	Comments
Laminar flow hood	Baker Company, Inc		Or equivalent equipment
Centrifuge	Beckman Coulter		Or equivalent equipment
Hemocytometer	Electron Microscopy Sciences	63514-11	
Atmosphere-controlled incubator	Fisher Scientific		(37 °C with 5% CO <sub>2</sub> )
Analytical flow cytometer	LSR II		
RPMI 1640	Media Tech	10-040-CV	
Collagenase D	Roche	11088858001	
Percoll	GE Healthcare	17-0891-01	
Fetal bovine serum	Corning Cellgro	35-011-CV	
0.1% sodium azide (NaN <sub>3</sub> )	Sigma-Aldrich	S2002	
Buffer phosphate buffered saline (PBS)	Corning Cellgro	21-040-CV	
PBS 10x	Mediatech	46-013-CM	
EDTA buffer	Sigma-Aldrich	E1161	
LS columns	MiltenyiBiotec	130-042-401	
CD45+ microbeads	MiltenyiBiotec	6.78E-51	
Biotin microbeads	MiltenyiBiotec	130-090-485	
anti-CD45 (clone: 30-F11) PerCP	eBioscience	G1397	
anti-CD45 (clone: 30-F11) APC-Cy7	Biolegend	103116	
anti-TCR Pacific Blue (ab-chain, clone: H57-597)	Invitrogen	HM3628	
anti-CD4 PE	eBioscience	12-0043	
anti-CD8 FITC	eBioscience	8011-0087	
anti-CD4 biotinylated (GK1.5)	BD	553728	
anti-CD8 biotinylated (clone 53-6.7)	BD	553029	
anti-MHC class II (I-A b) biotinylated	BD	553609	
AutoMACS Running Buffer - MACS Separation Buffer	Miltenyi Biotec	130-091-221	
C57BL/6J mice	Jackson Labs	000664	Kidneys - Lymph Nodes
Petri dish	BD Biosciences	356517	
70 $\mu$ m filter	Fisher Scientific	22363548	
Plunger			Or equivalent equipment
GeneMate Tubes 50 ml	Bioexpress	C-3394-3	Or equivalent equipment

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GeneMate Tubes 15 ml	Bioexpress	C-3394-1	Or equivalent equipment
CD1d $\alpha$ -galcer tetramer	NHI		