

Materials List for:

# Generation of Induced Regulatory T Cells from Primary Human Naïve and Memory T Cells

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## Materials

Name	Company	Catalog Number	Comments
Lymphoprep	Axis-Shield	1114547	Keep at room temperature
Refrigerated Bench-Top Centrifuge	Eppendorf	5810R	
Bright-Line Hemocytometer	Hausser Scientific	3110	
EasySep Human CD4 <sup>+</sup> T Cell Enrichment Kit	Stem Cell Technologies	19052	
EasySep Human Memory CD4 <sup>+</sup> T Cell Enrichment Kit	Stem Cell Technologies	19157	
EasySep Human Naïve CD4 <sup>+</sup> T Cell Enrichment Kit	Stem Cell Technologies	19155	
The Big Easy EasySep Magnet	Stem Cell Technologies	18001	Silver
5 mL Round Bottom Polystyrene Tubes	BD Biosciences	352008	
15 mL Polypropylene Centrifuge Tubes	VWR international	89004-368	
14 mL Polypropylene Round-Bottom Tubes	BD Biosciences	352059	
50 mL Polypropylene Centrifuge Tubes	VWR international	89004-364	
Human anti-CD3 Antibody	Bio X Cell	BE0001-2	Clone: OKT3
24 Well Cell Polystyrene Culture Plate	BD Biosciences	353047	
96 Well Round Bottom Tissue Culture Plate	Greiner Bio-One	650180	
RPMI 1640 with Glutamax-I and HEPES Buffer	GIBCO, by Life Technologies	72400	
Fetal Bovine Serum (FBS)	GIBCO, by Life Technologies	16000	
β-Mercapto-ethanol	Sigma-Aldrich	M7522	
Recombinant Human TGF-β1	eBioscience	14-8348-62	
Recombinant Human IL-2	eBioscience	14-8029-63	
Bovine Serum Albumin (BSA)	MP Biomedicals	810531	
0.5 M EDTA	Amresco	E177	
Mouse Anti-Human CD25-PE	Miltenyi Biotec	130-091-024	Clone: 4E3
Mouse Anti-Human CD45RA-PE-Cy5	eBioscience	15-0458-42	Clone: HI100
Mouse Anti-Human CD127-APC	Miltenyi Biotec	130-094-890	Clone: MB15-18C9
DNase II	MP Biomedicals	190370	
MoFlo Flow Cytometer	Beckman Coulter Inc.		

FlowJo Software	Tree Star, Inc.		
Cell Quest Pro Software	BD Biosciences		
Newborn Calf Serum	GIBCO, by Life Technologies	16010	
L-glutamine	GIBCO, by Life Technologies	25030	
AIM-V	GIBCO, by Life Technologies	0870112	
CellTrace CFSE Cell Proliferation Kit	Invitrogen	C34554	
Treg Suppression Inspector Beads	Miltenyi Biotec	130-092-909	
Penicillin-Streptomycin	GIBCO, by Life Technologies	15140	
40 $\mu$ M Nylon Cell Strainer	BD Biosciences	352340	