

Materials List for:

Artificial Antigen Presenting Cell (aAPC) Mediated Activation and Expansion of Natural Killer T Cells

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Materials

Name	Company	Catalog Number	Comments
Ficoll-Paque PLUS	GE Life Sciences	17-1440	
EasySep Human T Cell Enrichment Kit	StemCell Technologies	19051	
Allophycocyanin CD161 human mAb	Pharmingen	550968	
EasySep Magnet	StemCell Technologies	18002	
Anti-mouse IgG1 Microbeads	Miltenyi Biotec	130-047-101	
Dimer XI Recombinant Soluble Dimeric Mouse CD1d:IG Fusion Protein	BD Biosciences	557599	
Anti-CD28 mAb	Biolegend	302914	
M-450 Epoxy beads	Life Technologies	150-11	
Alpha-galactosylceramide (KRN7000)	Axxora, LLC	BML-SL232-0100	
RPMI 1640 Medium	Sigma Aldrich	R 0883	
Sodium Pyruvate	Gibco	11360-070	
Non-essential amino acids	Gibco	11140-050	
Vitamin Solution	Gibco	11120-052	
2-mercapt-ethanol	Gibco		
Ciprofloxacin	Alexis Biochemicals	380-288-G025	
PE-Vα24Jα18	Biolegend	342904	
PE-Vα24 (Clone C15)	Beckman Coulter	A66907	
FITC-Vβ11 (Clone C21)	Beckman Coulter	A66905	
PE-CD1d	Biolegend	123510	
PE anti mouse IgG1	BD Biosciences	556650	
FITC anti-mouse IgG2a	Biolegend	407105	
DPBS, no calcium, no magnesium	Life Technologies	14190250	
Sodium Azide	Sigma Aldrich	S8032	
Bovine Serum Albumin	American Bioanalytical	AB00440-00100	
EDTA	Sigma Aldrich	431788	
IL-2 (Proleukin)	BD Biosciences	354043	
Human AB Serum	Atlanta Biologicals	S40110	
Labquake Tube Rotator	Fisher Scientific	13-687-10Q	
BD Falcon 5 ml polystyrene round-bottom tubes	Fisher Scientific	14-959-1A	

Wheaton Glass Sample Vials with Cap	Fisher Scientific	Small (03-343-6A) Large (03-343-6E)	
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