

Materials List for:

A Syngeneic Mouse B-Cell Lymphoma Model for Pre-Clinical Evaluation of CD19 CAR T Cells

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Materials

Name	Company	Catalog Number	Comments
0.2 µm syringe filter	Appleton Woods	FC121	
0.45 µm syringe filter	Appleton Woods	FC122	
1.5ml pestle and microtube	VWR	431-0098	
100X penicillin-streptomycin-glutamine (PSG)	Gibco	10378016	
2-Mercaptoethanol (50 mM)	Gibco	31350-010	
Blasticidine S hydrochloride	Sigma- Aldrich	15205	
Bottle Top Filter (0.2 µm)	Scientific Laboratory Supplies	FIL8192	
Brilliant Violet 711 anti-mouse CD8a Antibody	BioLegend	100759	1 in 100 staining dilution. Clone 53-6.7
Brilliant Violet 785 anti-mouse CD4 Antibody	BioLegend	100552	1 in 100 staining dilution. Clone RM4-5
Calcium chloride dihydrate	Sigma- Aldrich	C7902	
Cell counting beads – CountBright absolute counting beads	Molecular Probes	C36950	
Cell Strainer 100µm	VWR	734-0004	
Cyclophosphamide Monohydrate	Merck	239785-1GM	
Dulbecco's Modified Eagle medium (DMEM) - High Glucose	Sigma Aldrich	D6546	
Dynabeads	Gibco	11131D	
Ficoll Paque Plus	GE Healthcare	GE17-1440-03	Sold by Sigma- Aldrich
Flow cytometer - LSR Fortessa x20	BD Biosciences	658222R1	
Foetal Bovine Serum	Gibco	10270	
Haemocytometer	Appleton Woods	HC001	
HEPES solution	Sigma- Aldrich	H0887	
IL-12 p70 Mouse Uncoated ELISA Kit	Invitrogen	88-7121-76	
IL2, Proleukin	Novartis	PL 00101/0936	
<i>in vivo</i> bioluminescence imaging system – <i>in vivo</i> xtreme II imaging system	Bruker	T149094	
Ionomycin Calcium Salt	Sigma- Aldrich	I0634	
Live/dead stain - Zombie Violet Fixable Viability Kit	BioLegend	423114	1 in 100 staining dilution
Luminometer - Lumistart Omega	BMG Labtech	415-301	
Murine IFN-γ ELISA kit	Diaclone	861.050.010	

Paraformaldehyde	Sigma- Aldrich	16005	
pCL-Eco	Novus Biologicals	NBP229540	
Phorbol 12-myristate 13-acetate (PMA)	Sigma- Aldrich	P8139	
Platinum E cell line	Cell Biolabs	RV-101	(RRID:CVCL_B488)
Purified NA/LE Hamster Anti-Mouse CD28	BD Biosciences	553294	Clone 37.51
Purified NA/LE Hamster Anti-Mouse CD3ε	BD Biosciences	553057	Clone 145-2C11
Purified Rat Anti-Mouse CD16/CD32 (Mouse BD Fc Block)	BD Biosciences	553142	1 in 100 staining dilution. Clone 2.4G2
Puromycin Dihydrochloride	Sigma- Aldrich	P8833	
Recombinant human fibronectin fragment - RetroNectin Reagent	TaKaRa	T100B	
Recombinant Mouse IL-7 (carrier-free)	BioLegend	577806	
Red cell lysis buffer	eBioscience	004-4333-57	
RPMI 1640 Medium	Lonza	BE12-167F	
Trypsin - EDTA solution	Sigma- Aldrich	T3924	
XenoLight D-Luciferin	Perkin Elmer	122799	