

Materials List for:

In Vitro Tumor Cell Rechallenge For Predictive Evaluation of Chimeric Antigen Receptor T Cell Antitumor Function

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Materials

Name	Company	Catalog Number	Comments
0.05% Trypsin/0.53mM EDTA in HBSS without Calcium and Magnesium	Corning	MT25051CI	
1 M HEPES	Irvine Scientific	9319	
200 mM L-Glutamine	Cambrex Bio Science	17-605E	
4',6-diamidino-2-phenylindole, dihydrochloride (DAPI) - FluoroPure grade	Invitrogen	D21490	
Accutase	Innovative Cell Technologies	AT104	
Aldesleukin Proleukin (rhIL-2)	Novartis Oncology	NDC 0078-0495-61	
Anti-CD137, PE	BD Biosciences	555956	4B4-1
Anti-CD19, PE-Cy7	BD Biosciences	557835	SJ25C1
Anti-CD3, PERCP	BD Biosciences	340663	SK7
Anti-CD4, FITC	BD Biosciences	340133	SK3
Anti-CD45, PERCP	BD Biosciences	340665	2D1
Anti-CD45RO, PE	BD Biosciences	561137	UCHL1
Anti-CD62L, APC	BD Biosciences	559772	DREG-56
Anti-CD69, APC	BD Biosciences	340560	L78
Anti-CD8, APC-Cy7	BD Biosciences	348793	SK1
Anti-IL-13, PE	BD Biosciences	340508	JES10-5A2
Anti-LAG-3, PE	eBiosciences	12-2239-41	3DS223H
Anti-PD-1, APC-Cy7	BioLegend	329921	EH12.2H7
Anti-TIM-3, APC	eBiosciences	17-3109-42	F38-2E2
B-27 Serum-Free Supplement (50x)	Invitrogen	17504-044	
Corning 96 Well Clear Flat Bottom Polystyrene TC-Treated Microplates, Individually Wrapped, with Lid, Sterile (Product #3596)	Corning Life Sciences	3596	
Defined fetal bovine serum, HI IR	Hyclone Labs	SH30070.03IH	
DMEM F-12 50:50 (1x) without Glutamine	MediaTech, Inc.	15-090-CV	
DMEM High Gluc w/o L-Glu, Na Pyr 1 L	Invitrogen	11960051	

DMEM-Ham's F12 50:50 Mixture with L-glutamine and 15 mM HEPES	Fisher Scientific	MT10092CV	
HBSS	Irvine Scientific	9224	
Heat-Inactivated FCS	Hyclone	SH30070.03	
Heparin Sodium(1,000 U/mL)	American Pharmaceutical	401811B	
MACSQuant	Milteni Biotech Inc.	BIS013220	
PBS 1x W/CA & MG	Irvine Scientific	9236	
PBS with 1 mM EDTA (No Ca ²⁺ or Mg ²⁺)	VWR Scientific Products	PB15009A	
Recombinant human EGF	R&D Systems	236-EG-200	
Recombinant human FGF	R&D Systems	233-FB	
rhIL-15 Working Dilution (10 ng/ μ L)	CellGenix, US Operations	tF0297	
Sodium Azide (NaN ₃)	Sigma	S8032	
Sorvall ST40R	Thermo Scientific	41693700	
TC-HEPES BUFFER (1 M) SOLN 100ML	IRVINE SCIENTIFIC CORP	6472	
Tecnol Procedure Mask	Kimberly-Clark	47117	
X-VIVO 15	Lonza	BW04-744Q	