

Materials List for:

A Real-time Potency Assay for Chimeric Antigen Receptor T Cells Targeting Solid and Hematological Cancer Cells

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Materials

Name	Company	Catalog Number	Comments
7-AAD	Biolegend	420404	
Anti-CD40, liquid tumor killing assay kit	ACEA Biosciences	8100005	
anti-human F(ab') ₂	Jackson ImmunoResearch laboratories.	109-116-088	
APC anti-CD3	Biolegend	317318	
Assay medium RPMI1640	life technologies.Corp	11875-093	
CAR-T cell frozen solution CryostorCS10	Stemcell technologies	#07930	
CAR-T cell medium from ProMab	AIM-V+300IFU/ml IL-2	12055-091	
CD3/CD28 coated microbeads, Dynabeads	ThermoFisher	11131D	
DMEM	GElifesciences.com	SH30243.02	
FACS buffer	Promab made		
FBS	Lonza.com	14-503F	
HEK293FT	Thermo Fisher	R70007	
INFg ELISA kit	Thermo Fisher		
Lentiviral Packaging Mix	System Biosciences	VP100	
Lenti-X quantitative RT-PCR titration kit (Clontech)	Takara	631235	
Promab medium for target cells	Varied with cell lines		
Real time Cellular Analyser	ACEA Biosciences		
Thermal cycler	Thermo Fisher		
Transduction enhance agent, Virus Transduction Enhancer (Alstem)	Transplus, Alstem	V020	
Transfection dilution solution, Opti-MEM	Thermo Fisher		
Transfection reagent, NanoFect reagent	Alstem	NF100	