

Materials List for:

Stem Cell-Derived Viral Ag-Specific T Lymphocytes Suppress HBV Replication in Mice

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Materials

Name	Company	Catalog Number	Comments
HHD mice	Institut Pasteur, Paris, France		H-2 class I knockout, HLA-A2.1-transgenic (HHD) mice
iPS-MEF-Ng-20D-17	RIKEN Cell Bank	APS0001	
SNL76/7	ATCC	SCRC-1049	
OP9	ATCC	CRL-2749	
pAAV/HBV1.2 plasmid	Dr. Dr. Pei-Jer Chen (National Taiwan University Hospital, Taiwan)		HBV DNA construct
HBs183-91(s183) (FLLTRILTI)-specific TCR genes	Dr. Adam J Gehring (Toronto General Hospital Research Institute, Toronto, Canada)		FLLTRILTI-specific A2-restricted human-murine hybrid TCR genes (V α 34 and V β 28)
OVA257–264-specific TCR genes	Dr. Dario A. Vignali (University of Pittsburgh, PA)		SIINFEKL-specific H-2Kb-restricted TCR genes
Anti-CD3 (17A2) antibody	Biolegend	100236	
Anti-CD44 (IM7) antibody	BD Pharmingen	103012	
Anti-CD4 (GK1.5) antibody	Biolegend	100408	
Anti-CD8 (53-6.7) antibody	Biolegend	100732	
Anti-IFN- γ (XMG1.2) antibody	Biolegend	505810	
Anti-TNF- α (MP6-XT22) antibody	Biolegend	506306	
α -MEM	Invitrogen	A10490-01	
Anti-HBs antibody	Thermo Fisher	MA5-13059	
ACK Lysis buffer	Lonza	10-548E	
Brefeldin A	Sigma	B7651	
DMEM	Invitrogen	ABCD1234	
FBS	Hyclone	SH3007.01	
FACSAria Fusion cell sorter	BD	656700	
Gelatin	MilliporeSigma	G9391	
GeneJammer	Agilent	204130	
HLA-A201-HBs183-91-PE pentamer	Proimmune	F027-4A - 27	
HRP Anti-Mouse Secondary Antibody	Invitrogen	A27025	
mFlt-3L	Peprtech	250-31L	
mIL-7	Peprtech	217-17	
Nuclease S7	Roche	10107921001	
Paraformaldehyde	MilliporeSigma	P6148-500G	Caution: Allergenic, Carcenogenic, Toxic

Permeabilization buffer	Biolegend	421002	
Polybrene	MilliporeSigma	107689	
ProLong™ Gold Antifade Mountant with DAPI	Invitrogen	P36931	
QIAamp MinElute Virus Spin Kit	Qiagen	57704	