

Materials List for:

Humanized NOD/SCID/IL2ry^{null} (hu-NSG) Mouse Model for HIV Replication and Latency Studies

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Materials

Name	Company	Catalog Number	Comments
CD34 MicroBead Kit, human	MiltenyiBiotec	130-046-703	
CryoStor CS2	Stemcell Technologies	07932	
NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wji}	The Jackson Laboratory	005557	Order breeders instead of experimental mice
IsoFlo	Patterson Veterinary	07-806-3204	Order through animal facility, restricted item
Clidox disinfectant	Fisher Sientific	NC9189926	
Wescodyne	Fisher Sientific	19-818-419	
Hamilton 80508 syringe/needle	Hamilton	80508	Custom made
Blood collection tube (K2EDTA)	BD Bioscience	367843	
Blood collection tube (Heparin)	BD Bioscience	365965	
Capillary tube (Heparinized)	Fisher Sientific	22-362574	
Red Blood Cell Lysis Buffer	Sigma Aldrich	11814389001	
QIAamp Viral RNA mini kit	Qiagen	52906	
TaqMan Fast V1rus 1-step Master Mix	ThermoFisher	4444434	
HIV-1 P24 ELISA (5 Plate kit)	PerkinElmer	NEK050B001KT	
IgG from human serum	Sigma Aldrich	I4506-100MG	
IgG from mouse serum	Sigma Aldrich	I5381-10MG	
BB515 Mouse Anti-Human CD45 (clone HI30)	BD Biosciences	564586	RRID: AB_2732068, LOT 6347696
PE-Cy7 Mouse Anti-Human CD3 (Clone SK7)	BD Biosciences	557851	RRID: AB_396896, LOT 6021877
Pacific Blue Mouse Anti-Human CD4 (Clone RPA-T4)	BD Biosciences	558116	RRID: AB_397037, LOT 6224744
BUV395 Mouse Anti-Human CD8 (Clone RPA-T8)	BD Biosciences	563795	RRID: AB_2722501, LOT 6210668
APC-Alexa Fluor 750 Mouse Anti-Human CD14 (TuK4)	ThermoFisher	MHCD1427	RRID: AB_10373536, LOT 1684947A
PE Mouse Anti-Human CD19 (SJ25-C1)	ThermoFisher	MHCD1904	RRID: AB_10373382, LOT 1725304B