

Materials List for:

Using Human Induced Pluripotent Stem Cell-derived Hepatocyte-like Cells for Drug Discovery

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Materials

Name	Company	Catalog Number	Comments
100 mm x 20 mm sterile tissue culture dishes	Corning	430167	
100 mm x 20 mm sterile suspension culture dishes	Corning	430591	
96-wells tissue culture plate	Corning	3595	
Anti-human Albumin	Dako	A 0001	
Anti-human FOXA2(6C12)	Novus Biological	H00003170-M12	
Anti-human HNF4 alpha	Santa Cruz	SC-6556	
Anti-human Oct-3/4 antibody	Santa Cruz	SC-9081	
Anti-human SOX17	R&D	AF1924	
Anti-human TRA-1-60 FITC conjugated	Millipore	FCMAB115F	
Activin A Recombinant Human Protein	Invitrogen	PHC9563	
B-27 Supplement, minus insulin	Invitrogen	0050129SA	
B-27 Supplement, serum free	Invitrogen	17504044	
BMP4 Recombinant Human Protein	Invitrogen	PHC9533	
Cell Dissociation Reagent StemPro Accutase	Invitrogen	A1110501	
CellTiter-Glo Luminescent Cell Viability Assay	Promega	7572	
DPBS+(calcium, magnesium)	Invitrogen	14040-133	
DPBS-(no calcium, no magnesium)	Invitrogen	14190-144	
DMEM/F-12, HEPES	Invitrogen	11330057	
ELISA human APOB ELISA development kit	Mabtech	3715-1H-20	
Fibroblast Growth Factor 2 (FGF2)	Invitrogen	PHG0023	
Hepatocyte Culture Medium (HCM Bullet Kit)	Lonza	CC-3198	
Hepatocyte Growth Factor (HGF)	Invitrogen	PHC0321	
L-Glutamine	Invitrogen	25030081	
MEM Non-Essential Amino Acids Solution	Invitrogen	11140076	
Oncostatin M (OSM) Recombinant Human Protein	Invitrogen	PHC5015	
Penicillin-Streptomycin	Invitrogen	15140163	

Feeder free pluripotent stem cell medium: mTesR1	STEMCELL technologies	5850	
Reduced Growth Factor Basement Membrane Matrix	Invitrogen	A1413301	
RPMI 1640 Medium, HEPES	Invitrogen	22400105	
StemAdhere Defined Matrix for hPSC (E-cad-Fc)	Primorigen Biosciences	S2071	
TMB-ELISA Substrate Solution	Thermo Scientific	34022	
Anti-TRA-1-60 FITC conjugated	Millipore	FCMAB115F	
Versene (EDTA) 0.02%	Lonza	17-711E	
Y-27632 ROCK inhibitor	STEMCELL Technologies	72302	