

Materials List for:

Hepatic Progenitor Specification from Pluripotent Stem Cells using a Defined Differentiation System

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Materials

Name	Company	Catalog Number	Comments
DPBS with Calcium and Magnesium	ThermoFisher	14040133	
Gentle cell dissociation reagent	STEMCELL Technologies	7174	
Hoechst 33342 Ready Flow Reagent	thermofisher	R37165	
Human Recombinant Laminin 521	BioLamina	LN521-02	
Human Serum Albumin ELISA	Alpha Diagnostics	1190	
Human Serum Alpha Fetoprotein ELISA	Alpha Diagnostics	500	
mTeSR1 medium	STEMCELL Technologies	5850	
Operetta High-Content Imaging System	PerkinElmer	HH12000000	
PBS, no calcium, no magnesium	ThermoFisher	14190250	
Penicillin-Streptomycin (10,000 U/ mL)	Life Technologies	15140122	
Rho-associated kinase (ROCK)inhibitor Y27632	Sigma-Aldrich	Y0503-1MG	
STEMdiff Definitive Endoderm Supplement CJ	STEMCELL Technologies		
STEMdiff Definitive Endoderm Supplement MR	STEMCELL Technologies		
STEMdiff Endoderm Basal Medium	STEMCELL Technologies		
STEMdiff Hepatic Progenitor Medium	STEMCELL Technologies		
TWEEN 20	Sigma-Aldrich	P9416	
Antibodies			
Albumin	Sigma-Aldrich	A6684	1:200 (mouse)
Alpha-fetoprotein	Sigma-Aldrich	A8452	1:400 (mouse)
HNF-4α	Santa Cruz	sc-8987	1:400 (rabbit)
IgG	DAKO		1:400
Sox17	R&D Systems, Inc.	AF1924	1:200 (Goat)
Software			
Columbus Image Data Storage and Analysis system	PerkinElmer		