

Materials List for:

Efficient Differentiation of Human Pluripotent Stem Cells into Liver Cells

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URL: <https://www.jove.com/video/58975>

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Materials

Name	Company	Catalog Number	Comments
0.2 µm pore membrane filter	Millipore	GTTP02500	
1- 2 mM thiazovivin	Santa Cruz Biotechnology	sc-361380	
1:1 DMEM/F12	Gibco	11320033	
A83-01	Tocris	2939/10	
AA2P	Cayman chemicals	16457	
Accutase	Gibco or Millipore	Gibco A11105, Millipore SCR005	
C59	Tocris	5148	
Chemically Defined Lipid Concentrate	Thermofisher Scientific	11905031	
CHIR99201	Tocris	4423	
Dexamethasone	Tocris	1126	
DM3189	Tocris	6053/10	
Forskolin	Tocris	1099/10	
Geltrex	Thermofisher Scientific	A1569601	
Ham's F-12 Nutrient Mix, GlutaMAX Supplement	Thermofisher Scientific	31765035	
Human Activin	R&D	338-AC	
Human BMP4	R&D	314-BP	
human FGF2	R&D	233-FB	
human recombinant Insulin	Sigma-Aldrich	11061-68-0	
IMDM, GlutaMAX Supplement	Thermofisher Scientific	31980030	
KOSR, Knockout serum replacement	Thermofisher Scientific	10828028	
mTeSR1	Stem Cell Technologies	5850	
Oncostatin M	R&D	295-OM	
PI103	Tocris	2930/1	
Poly(vinyl alcohol)	Sigma-Aldrich	P8136	
Ro4929097	Selleck Chem	S1575	
Transferrin	Sigma-Aldrich	10652202001	
TTNPB	Tocris	0761/10	