

Table S2. Media tested for hepatic progenitor maintenance or expansion.

Num.	Basal medium	Key components	Reference
1	WEM	ITS, BSA, Nicotinamide, NaHCO ₃ , 2-phospho-l-ascorbic acid, Glucose, GlutaMAX, EGF, Dexamethasone	L ázaro <i>et al.</i> 2003 ¹
2	DMEM/F12	ITS, EGF, BSA, β-Mercaptoethanol, GlutaMAX, Dexamethasone, Nicotinamide	Kubota and Reid. 2000 ²
3	DMEM/F12	N2, B27, EGF, HGF, bFGF, CHIR99021, A-83-01, Nicotinamide, Forskolin	Huch, Gehart <i>et al.</i> 201 ³
4	DMEM/F12	FBS, ITS, EGF, HGF, β-Mercaptoethanol, Dexamethasone, Nicotinamide,	Yu, He <i>et al.</i> 2013 ⁴
5	DMEM/F12	BSA, ITS, EGF, Dexamethasone, Nicotinamide, 2-phospho-l-ascorbic acid	Chen, Kon <i>et al.</i> 2007 ⁵
6	DMEM/F12	FBS, Insulin, HEPES, EGF, HGF, Dexamethasone, Nicotinamide	Rountree, Barsky <i>et al.</i> 2007 ⁶
7	DMEM	FBS	
8	WEM	FBS, HEPES, Nicotinamide, 2-phospho-l-ascorbic acid, NaHCO ₃ , Glucose, ITS, EGF, HGF, Dexamethasone	Okabe, Tsukahara <i>et al.</i> 2009 ⁷
9	DMEM	FBS, EGF, bFGF	Oertel, Menthena <i>et al.</i> 2008 ⁸
10	DMEM/F12	ITS, EGF, E-616452, CHIR99021, Lysophosphatidic acid, Sphingosine 1-phosphate, Nicotinamide, 2-phospho-l-ascorbic acid	Lv, Han <i>et al.</i> 2015 ⁹

Reference

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- 6 Rountree, C. B. *et al.* A CD133-expressing murine liver oval cell population with bilineage potential. *Stem cells* **25**, 2419-2429, doi:10.1634/stemcells.2007-0176 (2007).
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- 9 Lv, L. *et al.* Self-renewal of hepatoblasts under chemically defined conditions by iterative growth factor and chemical screening. *Hepatology* **61**, 337-347, doi:10.1002/hep.27421 (2015).