

Materials List for:

Isolation of CD133+ Liver Stem Cells for Clonal Expansion

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Materials

Name	Company	Catalog Number	Comments
DMEM:F12	Invitrogen	10565-018	With phenol red
CD45 microbeads	Miltenyi Biotec	130-052-301	
Hepatocyte Growth Factor	Sigma-Aldrich	H1404	
Epidermal Growth Factor	Sigma-Aldrich	E4127	
DNase	Sigma-Aldrich	DN25	1 gram
Collagenase D	Roche Group	1088874	
Pronase	Roche Group	0165921	
70 micron mesh strainer	Fisher Scientific	352350	
Omniscript RT	Qiagen	205111	50 reactions
HotStarTaq	Qiagen	203203	
Miltenyi LD column	Miltenyi Biotec	130-042-901	
CD133-PE FACS Ab	eBioscience	12-1331-82	
Laminin coated plates	BD Biosciences	354410	96 well
Trypsin 0.05% EDTA	Invitrogen	25300-354	100 mL
RNeasy Micro Kit	Qiagen	74004	50 columns for 5x10 ⁵ cells or less
Pharm Lyse	BD Biosciences	555899	10X concentration