

Materials List for:

In vivo Liver Endocytosis Followed by Purification of Liver Cells by Liver Perfusion

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Materials

Name	Company	Catalog Number	Comments
<ul style="list-style-type: none"> • Buffer 1: 142 mM NaCl 6.7 mM KCl, 10 mM HEPES, 1.5% BSA, pH 7.4 • Buffer 2 (perfusion buffer): 67.0 mM NaCl, 6.7 mM KCl, 4.8 mM CaCl₂-H₂O, 101.0 mM HEPES, BSA 1.5%, pH 7.4. • Buffer 3: 137 mM NaCl, 4.7 mM KCl, 0.7 mM MgSO₄, 1.2 mM CaCl₂-2H₂O, 10 mM HEPES, 1.5% BSA, pH 7.4 • RPMI/BSA: 15g/L BSA in RPMI • TRIS-buffered Saline (TBS): 154 mM NaCl, 10 mM Trizma Base salt. • Collagenase: Collagenase A (#11088785103) from Roche, Collagenase Type I (#LS004691) from Worthington Biochemical or Collagenase I (#C0130) or IA (#C9891) from Sigma-Aldrich. 			
All salts are from Sigma-Aldrich			
20L water bath	ThermoFisher	2231	Water is about 45 °C to compensate for cooling within the tubing.
Peristaltic Pump	Cole-Parmer	7553-70	Masterflex series
Refrigerated Centrifuge	Sorvall	Legend XTR	
Catheter	BD Biosciences	381444	
Dessicator chamber	Fisher	08595E	Use internal plate
Percoll	Sigma	P4937	
Bovine Serum Albumin	SeraCare	AP-4510-01	
100 µm mesh	Spectrum labs	146488	
30 µm mesh	Spectrum labs	146506	
RPMI 1640	Invitrogen	21870	
Polyethylene glycol	Spectrum labs	PO107	