

Materials List for:

Isolation of Human Hepatocytes by a Two-step Collagenase Perfusion Procedure

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URL: <https://www.jove.com/video/50615>

DOI: [doi:10.3791/50615](https://doi.org/10.3791/50615)

Materials

Name	Company	Catalog Number	Comments
Bubble trap	Gaßner Glasstechnik		
Glass jacketed condenser	Gaßner Glasstechnik		
41 °C Water bath	Julabo	35723-H24/EG	
37 °C Water bath	GFL	1083	
Compressed gas cylinder (95 % O ₂ /5 % CO ₂)	Linde		
Gas permeable tubing	Neolab	2-4440	
Peristaltic pump	Ismatec	IP65	
Scalpel	Feather	320010	
Forceps	Omnilab	5171014	
Conical flasks 1 L	Schott Duran	2121654	
Conical flasks 5 L	Schott Duran	2121673	
Beakers	Schott Duran	2110654	
200 ml centrifuge tubes	Becton Dickinson	352075	
Crystallizing dish	Omnilab	5144063	
Curved irrigation cannulae with ball tips	Ernst Kratz GmbH	1464LL/ 1465LL A+B/ 1472LL	
Micro vascular clamps	Ernst Kratz GmbH		
Büchner funnel	Carl Roth	HT38.1	
Nylon mesh 210 µm	Neolab	4-1413	
Nylon mesh 70 µm	Neolab	4-1419	
0.22 µm sterile filters	Peske	99505	
500 ml bottles	Schott Duran	2180144	
1 L bottles	Schott Duran	2180154	
Hemocytometer	Peske	06-0001	
1.5 ml tubes	Eppendorf	0030 120,086	
50 ml conical tubes	BD Biosciences	352070	
Ice bucket	Neolab	1508454	
Sterile Pasteur pipettes	Brand	747715	
Motorised pipette filler (Pipette boy acu)	Integra	155017	
Refridgerated centrifuge	Eppendorf	5810R	

Laminar flow	Kendro	Hera safe-KS9	
Aspirator (Low-flow surgical suction pump)	Atmos	C361	
Laboratory Gas Burner	Integra	Fire Boy eco	
Disposable laboratory coat	Paperlynen GmbH	MD0202414	
Surgical mask with visor	Kimberly-Clark	48247	
Surgical hood	Barrier	42072	
Latex gloves	Semper Care	CE0321	
Collagenase (Batch number NB 4G)	Serva	17465	
Calcium chloride dihydrate	Merck	2382	
EGTA	Sigma	E4378	
Sodium chloride	Roth	9265.2	
Hepes	Roth	9105.3	
Potassium chloride	Serva	26868	
Albumin	Biomol	01400-2	
Glucose	Serva	22700	
Sodium hydrogen carbonate	Serva	30180	
0.4% Trypan blue solution	Lonza	17-942E	
Cold storage solution	Hepacult GmbH		