

Materials List for:

Bulk Droplet Vitrification for Primary Hepatocyte Preservation

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URL: <https://www.jove.com/video/60250>

DOI: [doi:10.3791/60250](https://doi.org/10.3791/60250)

Materials

Name	Company	Catalog Number	Comments
BD Disposable 3 mL Syringes with Luer-Lok Tips	Fisher Scientific	14-823-435	
Beaker	Sigma-Aldrich	CLS1000-250	
Belzer UW Cold Storage Solution	Bridge to Life	BUW-001	
Bovine Serum Albumin	Sigma-Aldrich	A7906	
Cole-Parmer Female Luer to 1/16" low-profile semi-rigid tubing barb, PP	Cole-Parmer	EW-45508-12	
Cryogenic storage tank / Cryotank	Chart Industries	MVE 800	
Dimethyl sulfoxide	Sigma-Aldrich	D8418	
DMEM, powder, high glucose, pyruvate	Life Technologies	12800-082	
Ethylene Glycol	Sigma-Aldrich	107-21-1	
Extra long forceps	Fisher Scientific	10-316C	
Fisherbrand Higher-Speed Easy Reader Plastic Centrifuge Tubes - Flat top closure	Fisher Scientific	06-443-18	
Fishing line	Stren	SOFS4-15	
Liquid nitrogen	Airgas	7727-37-9	
Masterflex L/S Platinum-Cured Silicone Tubing, L/S 14	Cole-Parmer	EW-96410-14	
Mix Tips, For Use With 3HPW1	Grainger	3WRL7	
Nalgene Polypropylene Powder Funnel	ThermoFisher	4252-0100	
Needle 20 ga	Becton Dickinson (BD)	305175	
Parafilm M - Flexible film	Sigma-Aldrich	P7793-1EA	
Razor Blade	Fisher Scientific	12-640	
Spatula	Cole-Parmer	EW-06369-18	
Steriflip sterile filter	Fisher Scientific	SE1M179M6	
Sucrose (Crystalline/Certified ACS)	Fisher Scientific	S5-500	
Syringe Pump	New Era Pump Systems Inc.	NE-1000	
Thermo-Flask Benchtop Liquid Nitrogen Container	ThermoFisher	2122	