Materials List for:

Lipid Bilayer Vesicle Generation Using Microfluidic Jetting

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Materials

Name	Company	Catalog Number	Comments
Piezoelectric Inkjet	MicroFab Technologies	MJ-AL-01-xxx	xxx denotes orifice diameter in microns
Jet Drive III Controller	MicroFab Technologies	CT-M3-02	
High-speed camera	Vision Research	MiroEX2	
DPhPC lipid in chloroform	Avanti	850356C	Ordered in small aliquots in vials
33 mm PVDF filters, 0.2 µm	Fisher Scientific	SLGV033RS	
1 ml Syringes	Fisher Scientific	14823434	
n-Decane	Acros Organics	111871000	
Glucose	Acros Organics	410950010	
Sucrose	Sigma-Aldrich	S7903-1KG	
Methylcellulose	Fisher Scientific	NC9084958	
1/8 in Acrylic	McMaster Carr	8560K239	CAD designs for the infinity-shaped chamber are available upon request
0.2 mm Acrylic	Astra Products	Clarex clear 001	
Acrylic Cement	TAP Plastics	10693	
Loctite 495 Superglue	Fisher Scientific	NC9011323	
Loctite 3494 UV Strengthening Adhesive	Strobels Supply	30765	
Natural rubber	McMaster Carr	85995K14	
Custom stage	homemade	N/A	CAD designs are available upon request

