

Materials List for:

Double Emulsion Generation Using a Polydimethylsiloxane (PDMS) Co-axial Flow Focus Device

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URL: <https://www.jove.com/video/53516>

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Materials

Name	Company	Catalog Number	Comments
Photomasks	CadArt Servcies		
3" silicon wafers, P type, virgin test grade	University Wafers	447	
SU-8 3035	Microchem	Y311074	
SU-8 2050	Microchem	Y111072	
Sylgard 184 silicone elastomer kit	Krayden	4019862	
1 ml syringes	BD	309628	
10 ml syringes	BD	309604	
27 gaugue needles	BD	305109	
PE 2 polyethylene tubing	Scientific Commodities, Inc.	B31695-PE/2	
Novec 7500	Fisher Scientific	98-0212-2928-5	Commonly knowns as HFE 7500
Biocompatible surfactant	Ran Biotechnologies	008-FluoroSurfactant	
35,000 MW PEG	Sigma Aldrich	1546660	
Tween 20	Sigma Aldrich	P1369	
Sodium dodecyl sulfate	Sigma Aldrich	L3771	