

Materials List for:

Synthesis of Hydrogels with Antifouling Properties As Membranes for Water Purification

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URL: <https://www.jove.com/video/55426>

DOI: [doi:10.3791/55426](https://doi.org/10.3791/55426)

Materials

Name	Company	Catalog Number	Comments
Poly(ethylene glycol) diacrylate $M_n = 700$ (PEGDA)	Sigma Aldrich	455008	
1-Hydroxycyclohexyl phenyl ketone, 99% (HCPK)	Sigma Aldrich	405612	
[2-(Methacroyloxy)ethyl dimethyl-(3-sulfopropyl) ammonium hydroxide, 97%	Sigma Aldrich	537284	Acutely Toxic
Ethanol, 95%	Koptec, VWR International	V1101	Flamable
Decane, anhydrous, 99%	Sigma Aldrich	457116	
Solupor Membrane	Lydall	7PO7D	
Micrometer	Starrett	2900-6	
ATR-FTIR	Vertex 70		
DSC: TA Q2000	TA Instruments		
Rame'-hart Goniometer: Model 190	Rame'-hart Instruments		
Ultraviolet Crosslinker: CX-2000	Ultra-Violet Products		UV radiation
Permeation Cell: Model UHP-43	Advantec MFS		
Deionized Water: Milli-Q Water	EMD Millipore		