

Materials List for:

# Polymeric Microneedle Array Fabrication by Photolithography

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## Materials

Name	Company	Catalog Number	Comments
Poly(ethylene glycol) diacrylate (PEGDA Mn=258)	SIGMA	475629-500ML	
2-hydroxy-2-methyl-propiophenone (HMP)	SIGMA	405655-50ML	
Bovine collagen type 1, FITC conjugate	SIGMA	C4361	
UV curing station	EXFO Photonic Solutions Inc., Canada	OmniCure S2000-XL	
Collimating Adaptor	EXFO Photonic Solutions Inc., Canada	EXFO 810-00042	
24-well plate	Thermo Fisher Scientific, USA		
Nikon SMZ 1500 stereomicroscope	Nikon, Japan		
Dillon GL-500 digital force gauge	Dillon, USA		
A-1R confocal microscope	Nikon, Japan		