

Materials List for:

# Chemotactic Response of Marine Micro-Organisms to Micro-Scale Nutrient Layers

Justin R. Seymour<sup>1</sup>, Marcos<sup>1</sup>, Roman Stocker<sup>1</sup>

<sup>1</sup>Environmental Microfluidics Group, MIT - Massachusetts Institute of Technology

Correspondence to: Justin R. Seymour at [justins@mit.edu](mailto:justins@mit.edu), Marcos at [acos@mit.edu](mailto:acos@mit.edu), Roman Stocker at [romans@mit.edu](mailto:romans@mit.edu)

URL: <https://www.jove.com/video/203>

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## Materials

Name	Type	Company	Catalog Number	Comments
PDMS, Sylgard 184	Silicone Elastomer Kit	Dow Corning		<a href="http://www.ellsworth.com/sylgard.html">http://www.ellsworth.com/sylgard.html</a>
SU8-2100	Photoresist	MicroChem Corp.		<a href="http://www.microchem.com">www.microchem.com</a>
Nikon Eclipse TE2000-E inverted microscope	Microscope	Nikon Instruments		
PEEK tubing (0.762 mm ID, 1.59 mm OD)	Tool	Upchurch Scientific		<a href="http://www.upchurch.com">www.upchurch.com</a>
Syringes (Luer-Lok Tip)	Tool	BD Biosciences		
Fitting Part P-704-01	Tool	Upchurch Scientific		To connect tubing to Luer-Lok Tip Syringes
Syringe Pump (PHD 2000 Programmable)	Equipment	Harvard Apparatus		
CCD Camera (PCO 1600)	Equipment	Cook		