

Materials List for

Combining Fluidic Devices with Microscopy and Flow Cytometry to Study Microbial Transport in Porous Media Across Spatial Scales

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URL

jove.com/video/60701

Materials

Name	Company	Catalog Number	Comments
EDTA	Sigma		
Elastomer Sylgard 184	Dowsil	101697	
Flow cytometer NovoCyte	Acea		
Glucose	Sigma		https://www.makeblock.com/project/xy-plotter-robot-kit
LB broth	BD		
Liquid dispenser, XY Plotter Robot Kit	makeblock		
Microscope Axio Imager	Zeiss		
Microscope AxioZoom v16	Zeiss		
Microscope slides, 75 mm × 25 mm	Corning		
Minipuls 3 peristaltic pump	Gilson		
Plasma bonder Corona SB	BlackHole Lab		
Potassium phosphate	Sigma		
Syringe pump New Era NE 4000	New Era		
Syto 13 Green Fluorescent Nucleic Acid Stain	Molecular Probes, Invitrogen		
Tygon tubing	Ismatec		
WF31SA universal milling machine	Mikron		