Materials List for:

Microfluidic Mixers for Studying Protein Folding

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URL: http://www.jove.com/video/3976/

Materials

Name	Company	Catalog Number	Comments
AZ P4110 Photoresist	AZ Electronic Materials		
AZ 400 K Developer	AZ Electronic Materials		
Baker PRS 2000 photoresist stripper	Avantor Performance Materials		
AquaBond	AquaBond Technologies	AquaBond 55	
500 m cover wafer	SENSOR Prep Services		Ø: 100 mm 0.5 mm Thickness: 0.5 mm 0.025 mm Standard Tolerances (Unless Noted) Surface Finish: SI: 4-8Å; SII: 8-12Å Flats: One Primary SEMI-STD; One Scribe Clean and Polished, Both Sides
170 m cover wafer	SENSOR Prep Services	7980 2G Wafers	Ø: 100 mm 0.5 mm Thickness: 0.17 mm 0.025 mm Standard Tolerances (Unless Noted) Surface Finish: SI: 4-8Å; SII: 8-12Å Flats: One Primary SEMI-STD; One Scribe Clean and Polished, Both Sides
Deep reactive ion etcher for oxides	ULVAC	ULVAC NL-6000	
Argon Ion Laser	Cambridge Laser Laboratories	Lexel 95-SHG	λ=258 nm
Argon Ion Laser	Melles Griot		λ=488 nm
Microscope	Olympus Corporation	IX-51	
Microscope Objective	Thorlabs Inc.	OFR LMU-40X-UVB 0.5 NA	λ= 258 nm
Microscope Objective	Olympus Corporation	UPLSAPO 60XW 1.2 NA	λ=488 nm
Nanopositioner	Mad City Labs	Nano-LP100	
Motorized Translation Stage	Semprex Corp	KL-Series 12-6436	
GaAsP Photon Counter	Hamamatsu Corp.	H7421-40	
Monochrometer	Horiba Instruments Inc	MicroHR	
CCD camera	Andor	iDus 420A-BU	

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Guanidine hydrochloride (GuHCl)	Sigma-Aldrich	G4505	

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