Materials List for:

High-throughput Protein Expression Generator Using a Microfluidic Platform

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Materials

Name	Company	Catalog Number	Comments
PDMS- SYLGARD 184	Dow Corning USA	ESSEX-DC	
Chlorotrimethylsilane (TMCS	Sigma-Aldrich	C72854	
Epoxy coated glass substrates	CEL Associates USA	VEPO-25C	
Poly ethylene glycole (PEG)	Sigma-Aldrich	81260	
D-trehalose dihydrate	Sigma-Aldrich	T9531	
Biotinylated-BSA	Pierce, Thermo Scientific	PIR-29130	
Neutravidin	Pierce, Thermo Scientific	31050	
penta-His-biotin	Qiagen	34440	
Hepes	Biological Industries	03-025-1B	
TNT-T7	Promega Corp.	L5540	
C-myc Cy3 antibody	Sigma-Aldrich		
Control box	Stanford Microfluidics Foundry		
Mold	Stanford Microfluidics Foundry		
Pin	New England Small Tubes Corporation		
Tygon microbore tubing	Tygon	S-54-HL	
Microarrayer	Bio Robotics	MicroGrid 610	
Silicone pins	Parallel Synthesis	SMT-S75	

