

Materials List for:

Thermal Measurement Techniques in Analytical Microfluidic Devices

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Materials

Name	Company	Catalog Number	Comments
Polydimethylsiloxane (PDMS)	Dow Corning	Sylgard 184	
PS beads - 90 μm	Corpuscular	100265	
PS beads - 200 μm	Corpuscular	100271	
Glycerol	SigmaAldrich	G5516	
GOD enzyme	SigmaAldrich	G7141	
Glucose Control Solution - Low	Bayer contour	Low Control	
Glucose Control Solution - Normal	Bayer contour	Normal Control	
Glucose Control Solution - High	Bayer contour	High Control	
Chromatography filter paper	Whatman	3001-845	
Glass	VWR	48393-106	
Acrylic Film	Nitto Denko	5600	
Glass syringe (1 ml)	Hamilton	1001	
Syringe pump	New Era	NE-500	
knife plotter	Silhouette	portrait	
Current Preamplifier	Stanford Research	SR-570	
Ocilloscope	Agilent	DSO 2420A	
Signal Generator	HP	HP3324A	
Lock-in Amplifire	Stanford Research	SRS-830	
Source/meter 2400	Keithley	2400	
Source/meter 2600	Keithley	2436A	