

Materials List for:

The Submerged Printing of Cells onto a Modified Surface Using a Continuous Flow Microspotter

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Materials

Name	Company	Catalog Number	Comments
Continuous flow microspotter	Wasatch Microfluidics		
NIH/3T3 cells	ATCC	CRL-1658	
Dubbleco's Modified Eagle Medium	Invitrogen	11965-092	Base media for cells
HEPES buffer	Invitrogen	15630-080	Cell media additive (control pH)
Sodium pyruvate	Invitrogen	11360-070	Cell media additive
Penicillin-streptomycin	Invitrogen		Cell media additive
Trypan blue	Invitrogen	15250-061	Stain cell sfor counting
Hemocytometer	Fisher	267110	Cell chamber to count cells
Nikon Eclipse TS100	Nikon		Used to check on cells
Nikon Eclipse TE2000-U	Nikon		Used for collecting images
Phosphate buffered saline (with calcium and magnesium)	Invitrogen	14040-133	Rinsing cells before passaging and before staining with PI
TrypLE Express	Invitrogen	A12177-01	Used to remove cells from surface