

Materials List for:

Wide-field Fluorescent Microscopy and Fluorescent Imaging Flow Cytometry on a Cell-phone

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Materials

Name	Company	Catalog Number	Comments
Cell-phone	Sony	Sony Ericsson Aino	
Plano-convex lens	Edmund Optics	# NT45-302	
Aspherical lens	Thorlab	# C230TME-A	
Filter	Edmund Optics	#NT54-46	
Blue LED	Digikey	#365-1201-ND	
Battery	Digikey	#P032-ND	
Polystyrene tube	Fisher Scientific	#05-408-129	
Red blood cell lysing buffer	Sigma Aldrich	R7757	
SYLGARD 184 SILICONE ELASTOMER KIT	Dow Corning		
Red fluorescent beads (10 µm)	Life Technologies	#F8834	
Green fluorescent beads (10 µm)	Life Technologies	#F8836	
SYTO16 nucleic acid fluorescent labeling	Life Technologies	# S7578	