

Materials List for:

# "Phagosome Closure Assay" to Visualize Phagosome Formation in Three Dimensions Using Total Internal Reflection Fluorescent Microscopy (TIRFM)

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## Materials

Name	Company	Catalog Number	Comments
Anti-sheep red blood cells IgG	MP Biomedicals	55806	
Bovine Serum Albumin heat shock fraction, pH 7, ≥98%	Sigma	A7906	
Cell lifter	Corning	3008	
Cuvettes 4 mm	Cell project	EP104	
DPBS, no calcium, no magnesium	Thermo Fischer Scientific	14190-094	Room temperature
Electrobuffer kit	Cell project	EB110	
100 mm TC-Treated Cell Culture Dish	Corning	353003	
Gene X-cell pulser	Biorad	165-2661	
Gentamicin solution	Sigma	G1397	
Glass Bottom Dishes 35 mm uncoated 1.5	MatTek corporation	P35G-1.5-14-C Case	
iMIC	TILL Photonics		Oil-immersion objective (N 100X, NA1.49), heating chamber with CO <sub>2</sub> , a camera single photon detection EMCCD (Electron Multiplying Charge Coupled Device) and a 1.5X lens
Poly-L-Lysine Solution 0.1%	Sigma	P8920-100ml	Dilution at 0.01% in water
RPMI 1640 medium GLUTAMAX Supplement	Life technologies	61870-010	
RPMI 1640 medium, no phenol red (10 x 500 ml)	Life technologies	11835-105	Warm in 37 °C water bath before use
Sheep red blood cells (SRBCs)	Eurobio	DSGMTN00-0Q	Conserved in Alsever buffer at 4 °C before use