

Materials List for:

High Throughput Fluorometric Technique for Assessment of Macrophage Phagocytosis and Actin Polymerization

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Materials

Name	Company	Catalog Number	Comments
1 µm yellow-green fluorescent Fluo-Spheres;	Molecular Probes	F8852	combine 50µl with 50µl opsonizing reagent for 30 min at 37°C before use
Heat killed <i>E. coli</i> BioParticles fluorescein conjugate	Molecular Probes	E2861	reconstitute (5 mg) in 50 µl of PBS and combine with 50 µl opsonizing reagent for 30 min at 37 °C before use
Opsonizing reagent	Molecular Probes	E2870	
Rhodamine phalloidin	Molecular Probes	R415	
DAPI	Sigma-Aldrich	D9542	
Trypan blue	Gibco	15250-061	
The items below are available in many brands but the items we used in this study are from the following manufacturers:			
RPMI Cell growth media	Gibco		Supplemented with 10% FBS and 1% penicillin/streptomycin; warm in 37 °C before use
Fluorescent plate reader - Fluostar Omega	BMG Labtech		
Paraformaldehyde (16%)	Fischer Scientific	AA433689M	dilute to 4% before use
96-well plates	Greiner	655097	clear or black or clear bottom - black plates
Multichannel pipette (8 - 12 channels)			
Reagent reservoirs			
1x PBS			
Microfuge tubes (0.6 ml)			
Conicles (10 ml)			