

Materials List for:

Visualization of Bacterial Toxin Induced Responses Using Live Cell Fluorescence Microscopy

Peter A. Keyel¹, Michelle E. Heid¹, Simon C. Watkins², Russell D. Salter¹

¹Department of Immunology, University of Pittsburgh School of Medicine

²Department of Cell Biology and Physiology, University of Pittsburgh School of Medicine

Correspondence to: Russell D. Salter at rds@pitt.edu

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Materials

Name	Company	Catalog Number	Comments
Ni-NTA agarose	Qiagen	30210	
polymixin-agarose	Sigma	P1411-5ML	
Zeba Desalt Spin col	Fisher	PI-89891	
sheep RBCs	Fisher	50-415-688	
pBADgIII-SLO	N/A	N/A	see ref ⁹
Cy5 monoreactive dye	GE Healthcare	PA25001	
Fura2-AM	Life Technologies	F1221	
Calcein AM/ Ethidium homodimer	Life Technologies	L3224	
Anti-CD11c-APC	BD Biosciences	550261	
collagen-coated glass-bottom dish	Mattek	P35GCol-1.5-10-C	
femto-tip II	Fisher	E5242957000	
Microloader	Fisher	E5242956003	
dextran Alexa 555	Life Technologies	D34679	
Injectman NI 2	Eppendorf	920000029	
FemtoJet	Eppendorf	5247 000.013	

Table 1. List and source of specific reagents and equipment needed. Specific equipment and reagents used in this protocol, along with company and catalogue number are listed.

Buffer	Composition	Step Used
Lyse/Wash	50 mM NaH ₂ PO ₄ 300 mM NaCl 10 mM imidazole, pH 8.0	1.4
Tris/salt	50 mM Tris, pH 8.0 300 mM NaCl	1.7
Elution buffer	50 mM Tris, pH 8.0 300 mM NaCl 250 mM imidazole	1.8
RBC Assay buffer	0.3% BSA 2 mM CaCl ₂ 10 mM HEPES, pH 7.4	2.1
buffer R/B	RPMI cell culture medium 2 mM CaCl ₂ 0.5% BSA	3.1

Table 2. List of buffers used in this protocol. The buffers used, their composition and the first step at which they are used in the protocol are listed.