

Materials List for:

Electroporation of Functional Bacterial Effectors into Mammalian Cells

Ryan L. Sontag¹, Cosmin Mihai², Galya Orr², Alexei Savchenko³, Tatiana Skarina³, Hong Cui³, John R. Cort¹, Joshua N. Adkins¹, Roslyn N. Brown⁴

¹Biological Sciences Division, Pacific Northwest National Laboratory

²Environmental Molecular Science Laboratory, Pacific Northwest National Laboratory

³Structural Proteomics Group, Ontario Center for Structural Proteomics, University of Toronto

⁴Center for Bioproducts and Bioenergy, Washington State University

Correspondence to: Joshua N. Adkins at Joshua.Adkins@pnnl.gov, Roslyn N. Brown at roslyn.brown@wsu.edu

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Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin-EDTA Solution	Cellgro	25-050-CI	
0.4 cm Gap-disposable electroporation cuvettes	Bio-Rad	165-2088	
100% Methanol	Any	N/A	Flammable, Toxic
Bovine Serum Albumin (BSA)	Sigma-Aldrich	A4919	
Cell Counting Apparatus - Hemocytometer or Coulter Counter	Beckman Coulter	Model Z1	
Cell Culture Incubator	Any	N/A	Humidified 95% air/5% CO ₂ atmosphere at 37 °C
Cell Culture Plastic	Any	N/A	Cell culture flasks/plates, pipets, tubes, rubber policeman
Dulbecco's Modification of Eagle's Medium (DMEM)	Cellgro	10-013	Warm to 37 °C
Electroporator	Bio-Rad	E. coli Pulser	
Fetal Bovine Serum (FBS)	Cellgro	35-016-CV	
Fluorescent confocal microscope	Ziess	Model LSM 710	
Glass Bottom Dishes for Microscopy	Wilco Wells	HBSt-3522	
HALT Protease Inhibitor Cocktail	Pierce	78430	Corrosive, Toxic
HeLa Cell Line	ATCC	ATCC CCL-2	
LDS 4X Loading Buffer	Invitrogen	NP0007	
Minimal Essential Medium (MEM)	Cellgro	10-010	Warm to 37 °C
Other fluorescent stains (WGA, DAPI) in conjunction with anti-fade reagent	Any	N/A	
Penicillin/Streptomycin	Cellgro	30-002-CI	
RAW 264.7 Cell line	ATCC	TIB-71	
Primary Antibody Against Target of Interest	Any	N/A	
Secondary Antibody Conjugated to Fluorophore	Any	N/A	
Phosphate Buffered Saline	Any	N/A	Chill to 4 °C
Sterile Phosphate Buffered Saline	Any	N/A	Warm to 37 °C
Name	Company	Catalog Number	Comments
Streptavidin Agarose Resin Suspension	Pierce	20353	

Table Top Centrifuge Capable of Accepting Conical Tubes (swinging bucket preferred)	Any	N/A	
TCEP	Sigma-Aldrich	646547	Corrosive, Toxic
Triton X-100	Sigma-Aldrich	T8585	Irritant, Toxic