

Materials List for:

Following Cell-fate in *E. coli* After Infection by Phage Lambda

Lanying Zeng¹, Ido Golding^{1,2,3}

¹Department of Physics, University of Illinois at Urbana-Champaign

²Center for the Physics of Living Cells, University of Illinois at Urbana-Champaign

³Verna and Marrs McLean Department of Biochemistry and Molecular Biology, Baylor College of Medicine

Correspondence to: Lanying Zeng at lzeng@illinois.edu

URL: <https://www.jove.com/video/3363>

DOI: [doi:10.3791/3363](https://doi.org/10.3791/3363)

Materials

Name	Company	Catalog Number	Comments
Chloroform	Fisher Scientific	C298-500	
NaCl	Fisher Scientific	S271-3	
DNase I	Sigma-Aldrich	D4527-10KU	
RNase	Sigma-Aldrich	R4642-10MG	
PEG8000	Fisher Scientific	BP233-1	
SM buffer	TEKnova, Inc.	S0249	
NZYM	TEKnova, Inc.	N2062	
CsCl	Sigma-Aldrich	C3011-250G	
Syringe	BD Biosciences	309585	
Needle	BD Biosciences	305176	
Dialysis cassette	Thermo Fisher Scientific, Inc.	66333	
Microscope slide	Corning	2947-75x50	
Agarose	Fisher Scientific	BP160-100	
SW40Ti ultra-clear tube	Beckman Coulter Inc.	344060	
SW60Ti ultra-clear tube	Beckman Coulter Inc.	344062	
SW40Ti rotor	Beckman Coulter Inc.	331302	
SW60Ti rotor	Beckman Coulter Inc.	335649	
Refractometer	Fisher Scientific	13-947	
Epifluorescence microscope	Nikon Instruments	Eclipse TE2000-E	

Table 2. Reagents and equipment.