

Materials List for

# Continuous Measurement of Biological Noise in *Escherichia Coli* Using Time-lapse Microscopy

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## Citation

Chaimovitz, E.A., Reznik, E., Habib, M., Korin, N., Daniel, R. Continuous Measurement of Biological Noise in *Escherichia Coli* Using Time-lapse Microscopy. *J. Vis. Exp.* (170), e61290, doi:10.3791/61290 (2021).

## Date Published

April 27, 2021

## DOI

10.3791/61290

## URL

jove.com/video/61290

## Materials

Name	Company	Catalog Number	Comments
35mm glass dish	mattek	P35G-0.170-14-C	thickness corresponding with microscope lense.
Agarose	Lonza	5004	LB preperation
AHL	Sigma-Aldrich	K3007	inducer
Bacto tryptone	BD - Becton, Dickinson and Company	211705	LB preperation
Carb	Invitrogen	10177-012	antibiotic
Carb	Formedium	CAR0025	antibiotic
Casamino acids	BD - Becton, Dickinson and Company	223050	minimal media solution
eclipse Ti	nikon		inverted microscope
Glucose	Sigma-Aldrich	G5767	minimal media solution
Glycerol	Bio-Lab	000712050100	minimal media substrate
Immersion oil	zeiss	4449600000000	immersion oil
M9 salt solution	Sigma-Aldrich	M6030	minimal media solution
NaCl	Bio-Lab	214010	LB preperation
Noble agar	Sigma-Aldrich	A5431	minimal media substrate
parafilm tape	Bemis	PM-996	referred to as tape in text
Seaplaque GTG Agarose	Lonza	50111	minimal media substrate
thaymine B1	Sigma-Aldrich	T0376	minimal media solution
Yeast Extract	BD - Becton, Dickinson and Company	212750	LB preperation