

Materials List for

# Automated Analysis of Intracellular Phenotypes of *Salmonella* using ImageJ

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## Citation

Berni, M., Pongolini, S., Tambassi, M. Automated Analysis of Intracellular Phenotypes of *Salmonella* using ImageJ. *J. Vis. Exp.* (186), e64263, doi:10.3791/64263 (2022).

## Date Published

August 9, 2022

## DOI

10.3791/64263

## URL

jove.com/video/64263

## Materials

Name	Company	Catalog Number	Comments
96-well imaging microplate	Eppendorf	30741030	Cell culture and infection
Ampicillin	Sigma-Aldrich	59349	Bacteria culture
Axio observer inverted microscope	ZEISS		Automated fluorescence microscope
Axiocam 305 Mono	ZEISS		Microscope Camera
Breathable sealing membrane	Sigma-Aldrich	Z380059	Infection assay
Colibri 5/7	ZEISS		Led light source
Collagen I rat tail	Life Technologies	A1048301	Collagen coating
DAPI	Invitrogen	D3571	Cell staining
Fetal bovine serum	Gibco	10099-141	Cell culture and infection
Gentamicin	Sigma-Aldrich	G12664	Infection assay
Glacial acetic acid	Carlo Erba	401391	Collagen coating
HCS CellMask Blue	Invitrogen	H32720	Cell staining
ImageJ	National Institutes of Health and the Laboratory for Optical and Computational Instrumentation (LOCI, University of Wisconsin)		Image processing software
Minimum Essential Eagle's Medium	Sigma-Aldrich	M5650-500ML	Cell culture and infection
Paraformaldehyde 4%	Invitrogen	FB002	Cell fixation
Potassium chloride	PanReac AppliChem	131494.1211	PBS preparation
Potassium phosphate monobasic	Sigma-Aldrich	60220	PBS preparation
Sodium Chloride	PanReac AppliChem	131659.1214	Bacteria culture and PBS preparation
Sodium phosphate Dibasic	Sigma-Aldrich	71640	PBS preparation
Tissue Culture Flask 25 cm <sup>2</sup> plug seal screw cap	Euroclone	ET7025	Cell culture
Triton X-100	Biorad	1610407	Cell staining
Trypsin-EDTA (0.25%)	Gibco	25200056	Cell culture and infection
Tryptone	Oxoid	LP0042B	Bacteria culture
Yeast extract	Biolife	4122202	Bacteria culture