

# Bacteriophage Removal from Infected *Salmonella* Cultures

 Rocío Fernández-Fernández<sup>1</sup>, David R. Olivenza<sup>2</sup>, María Antonia Sánchez-Romero<sup>1</sup>
<sup>1</sup>Departamento de Microbiología y Parasitología, Facultad de Farmacia, Universidad de Sevilla <sup>2</sup>Departamento de Genética, Facultad de Biología, Universidad de Sevilla

## Corresponding Author

 María Antonia Sánchez-Romero  
 mtsanchez@us.es

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jove.com/video/66855

## Materials

Name	Company	Catalog Number	Comments
20 mL syringe	BD Discardit II	300296	No special requirements
50 mL conical tubes	Avantor	525-0610	No special requirements
90 x 14 mm Petri dishes	Deltalab	200209	No special requirements
Agar	Sigma-Aldrich	A1296	No special requirements
Bacteriophage lysate			Minimal concentration: 10 <sup>9</sup> PFU/mL
Centrifuge	Eppendorf		No special requirements
Chloroform	Panreac	131252	No special requirements
Citric acid · H <sub>2</sub> O	Merck	1.00247	
Colony counter			No special requirements
Evans Blue	Sigma-Aldrich	E-2129	
Flasks			No special requirements
Fluorescein sodium salt	Sigma-Aldrich	F-6377	
Forceps			No special requirements
Glass tubes			No special requirements
Glass tubes for lysate			No special requirements
Glucose	Sigma-Aldrich	G7021	
K <sub>2</sub> HPO <sub>4</sub>	Merck	1.05104.1000	
K <sub>2</sub> HPO <sub>4</sub> anhydrous	Merck	1.05104	
Lipopolysaccharide from <i>Salmonella enterica</i> serotype Typhimurium	Sigma-Aldrich	L6511-25 mg	Dissolved in sterile water
Membrane 0.45 µm	MF-Millipore	HAWP02500	No special requirements
MgSO <sub>4</sub> · 7 H <sub>2</sub> O	Merck	1.05886	
NaCl	Sigma-Aldrich	S9888	No special requirements
NaNH <sub>4</sub> HPO <sub>4</sub> · 4 H <sub>2</sub> O	Sigma-Aldrich	S9506	
Peptone	iNtRON	Ba2001	No special requirements
Syringe Filter 0.22 µm	Millex	SLGSR33SB	No special requirements
Toothpicks			No special requirements

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Tryptone	Panreac	403682.1210	No special requirements
Vacuum pump	Thermo Scientific		No special requirements
Yeast extract	iNtRON	48045	No special requirements