

Materials List for:

Using Microtiter Dish Radiolabeling for Multiple In Vivo Measurements Of *Escherichia coli* (p)ppGpp Followed by Thin Layer Chromatography

Llorenç Fernández-Coll¹, Michael Cashel¹

¹Intramural Research Program, Eunice Kennedy Shriver NICHD, NIH

Correspondence to: Llorenç Fernández-Coll at llorenc.fernandezcoll@nih.gov

URL: <https://www.jove.com/video/59595>

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Materials

Name	Company	Catalog Number	Comments
(NH ₄) ₆ (MO ₇) ₂₄	Fisher Scientifics	A-674	
Autoradiography film	Denville scientific inc.	E3218	
CaCl ₂	J.T.Baker	1-1309	
Chloramphenicol	RPI	C61000-25.0	
CoCl ₂	Fisher Scientifics	C-371	
CuSO ₄	J.T.Baker	1843	
FeSO ₄	Fisher Scientifics	I-146	
Formic acid	Fisher Biotech	BP1215-500	
Glucose	Macron	4912-12	
H ₃ BO ₄	Macron	2549-04	
H ₃ PO ₄	J.T.Baker	0260-02	
K ₂ SO ₄	Sigma	P9458-250G	
KH ₂ PO ₄	Fisher Biotech	BP362-500	
L-Valine	Sigma	V-6504	
MgCl ₂	Fisher Scientifics	FL-06-0303	
Microplate reader Synergy HT	Biotek	Synergy HT	
MnCl ₂	Sigma	M-9522	
MOPS	Sigma	M1254-1KG	
Na ₂ HPO ₄	Mallinckrodt	7892	
NaCl	J.T.Baker	3624-01	
NaH ₂ PO ₄	Mallinckrodt	7917	
NH ₄ Cl	Sigma	A0171-500G	
P-32 radionuclide, orthophosphoric acid in 1 mL water (5 mCi)	Perkin Elmer	NEX053005MC	
Storage phosphor screen	Kodak	So230	
Thermomixer	Eppendorf	5382000015	
Thiamine	Sigma	T-4625	
TLC PEI Cellulose F	Merk-Millipore	1.05579.0001	
Tricine	RPI	T2400-500.0	
Typhoon 9400 imager	GE Healthcare		
ZnSO ₄	Fisher Scientifics	Z-68	