

Materials List for:

RNA Purification from Intracellularly Grown *Listeria monocytogenes* in Macrophage Cells

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Materials

Name	Company	Catalog Number	Comments
Listeria monocytogenes 10403S			20
Bone marrow derived macrophages prepared from C57B/6 female mice			21
H ₂ O, RNase free	Thermo Scientific	10977-015	DEPC-treated water can be used
DMEM	Gibco	41965039	
Glutamine	Gibco	25030081	
Sodium pyruvate	Gibco	11360-088	
β-Mercaptoethanol	Gibco	31350010	
Pen/Strep	Gibco	15140-122	
Gentamicin	Sigma-Aldrich	G1397	
FBS	Gibco	10270106	
Dulbecco's Phosphate Buffered Saline-PBS	Sigma-Aldrich	D8537	
Brain heart infusion (BHI)	Merckmillipore	1104930500	
Phenol saturated pH 4.3	Fisher	BP17511-400	
Chloroform	Fisher	BP1145-1	
Iso-amyl alcohol	Sigma-Aldrich	W205702	
Sodium acetate	Sigma-Aldrich	W302406	
EDTA	Sigma-Aldrich	EDS	
DNaseI	Fermentas	EN0521	
SDS 10%	Sigma-Aldrich	L4522	
Ethanol absolute	Merck Millipore	1070174000	
37 °C, 5% CO ₂ forced-air incubator	Thermo Scientific	Model 3111	
Cell scrapers	Nunc	179693	
Kontes glass holder for 45 mm filters	Fisher	K953755-0045	
MF-Millipore filters 45 mm, 0.45 μm	Merck Millipore	HAWP04700	
SpeedVac system	Thermo Scientific	SPD131DDA	
Vortex-Genie 2	Scientific Industries	Model G560E	
NanoDrop	Thermo Scientific		
145 mm cell culture dishes	Greiner	639 160	
1.7 ml tubes, RNase-free	Axygen	MCT-175-C	
30 °C incubator	Thermo Scientific		
65 °C heat block	Thermo Scientific		

4 °C table centrifuge	Eppendorf	5417R	
Sterile pipettes, 25 ml	Greiner		
Falcon tubes, 50 ml	Greiner		
Liquid nitrogen			