

Materials List for:

NF- κ B-dependent Luciferase Activation and Quantification of Gene Expression in *Salmonella* Infected Tissue Culture Cells

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Materials

Name	Company	Catalog Number	Comments
Adhesive film	VWR International	60941-070	
Chloroform	Fisher Bioreagents	C298-500	
DMEM	Thermo Fisher	11665092	
DNase treatment kit	Qiagen	79254	
dNTPs	Promega	U1511	
Ethanol	Fisher Bioreagents	BP2818100	molecular grade
FBS	Sigma-Aldrich	F0926	
HeLa 57A cells			Ref # 15
High-Capacity cDNA Reverse Transcription Kit	Applied Biosystems	4368814	
Isopropanol	Fisher Bioreagents	BP26181	
Kanamycin	Fisher Bioreagents	BP906-5	
LB agar	Fisher Bioreagents	BP1425-500	
Lysogeny broth	Fisher Bioreagents	BP1426-500	
MgCl ₂	Fisher Chemical		
NanoDrop ND-1000	Thermo Scientific		spectrophotometer
Promega luciferase assay system	Promega	E1501	Cell lysis buffer & luciferin substrate
Random Hexamers	Thermo Scientific	SO142	
Real-time GAPDH forward primer			5'-CCAGGAAATGAGCTTGAC AAAGT-3'
Real-time GAPDH reverse primer			5'-CCCACTCCTCCACCT TTGAC-3'
Real-time IL-23 forward primer			5'-GAGCCTTCTCTGCTCCC TGAT-3'
Real-time IL-23 reverse primer			5'-AGTTGGCTGAGGCCAGTAG-3'
Real-time IL-6 forward primer			5'-GTAGCCGCCACACAGA-3'
Real-time IL-6 reverse primer			5'-CATGTCTCCTTTCTCAGG GCTG-3'
Reverse Transcriptase	Applied Biosystems	4308228	
RNAse inhibitor	Thermo Scientific	EO0381	
RT buffer	Promega	A3561	
SL1344			Ref # 17
SL1344 $\Delta sipA$ $sopB::MudJ$ $sopE2::pSB1039$			Ref # 18

SL1344 Δ sopE Δ sipA sopB::MudJ sopE2::pSB1039			Ref # 18
SYBR green	Applied Biosystems	4309155	2x mastermix
Tri-reagent	Molecular Research Center	TR 118	guanidine thiocyanate
Trypsin -EDTA	Thermo Fisher	25300054	0.05% Trypsin-EDTA
Ultrapure water	Fisher Bioreagents	BP248450	
Well plate for PCR	VWR International	89218-294	384-well plate