

Materials List for:

Identification of Virulence Markers of *Mycobacterium abscessus* for Intracellular Replication in Phagocytes

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Materials

Name	Company	Catalog Number	Comments
Name of Material/ Equipment			
24-well plates	Thermofisher	11874235	
96-well plates	Thermofisher	10687551	
Beadbeater	Bertin	Precellys 24	
Bioanalyzer	Agilent		
Genepulser Xcell	Biorad		
Nanodrop spectrophotometer 2000	Thermofisher		
QuBit fluorometer	Thermofisher	Q33226	
zirconium beads/silica beads	Biospec products	11079101Z	Beads
Name of reagent/cells			
<i>Acanthamoeba castellanii</i>	ATCC	30010	strain
Amikacin	Mylan	150927-A	powder
B-mercaptoethanol	Sigma-Aldrich	M6250	solution
CaCl ₂	Sigma-Aldrich	C1016	>93% granular anhydrous
Chloroform	Fluka	25666	solution
Clal enzyme	New England Biolabs	R0197S	enzyme
Columbia agar	Biomerieux	43041	90 mm
D-Glucose	Sigma-Aldrich	G8270	powder
DMEM	Thermofisher	11500596	medium
DNase and RNase free water	Invitrogen	10977-035	solution
<i>E. coli</i> electrocompetent	Thermofisher	18265017	bacteria
EDTA	Sigma-Aldrich	E4884	powder
<i>Escherichia coli</i>	Clinical isolate	personal stock	bacteria
Fe(NH ₄) ₂ (SO ₄)-6H ₂ O	EMS	15505-40	sulfate solution 4% aqueous
Fetal Calf Serum	Gibco	10270	serum
Glycerol	Sigma-Aldrich	G5516	solution
Guanidium thiocyanate	Euromedex	EU0046-D	powder
Isopropanol	Sigma-Aldrich	I9516	solution
J774.2 macrophages	Sigma-Aldrich	J774.2	Strain
kanamycin	Sigma-Aldrich	60615	powder
KH ₂ PO ₄	Sigma-Aldrich	P0662	Monobasic, anhydrous
LB liquid medium	Invitrogen	12795-027	powder

Lysozyme	Roche	10837059001	powder
MgSO ₄	Labosi	M275	pur
Microbank TM (cryotubes with beads)	Pro-Lab Diagnostic	PL.170/M	
Middlebrook 7H11 medium	Sigma-Aldrich	M0428	powder
Middlebrook 7H9 medium	Thermofisher	11753473	powder
Müller-Hinton agar	Biorad	3563901	powder
N-Lauryl-sarcosine	Merck	S37700 416	powder
Na ₂ HPO ₄ ·7H ₂ O	Sigma-Aldrich	S9390	98-102%
Phenol/chloroforme	Sigma-Aldrich	77617	solution
Proteinase K	Thermofisher	EO0491	powder
proteose peptone	BD	211684	enzymatic digest of animal tissue
pUC19 plasmid	New England Biolabs	54357	plasmid
SDS 20%	Biorad	1610418	solution
Sodium citrate	Calbiochem	567446	powder
Thiourea	Sigma-Aldrich	88810	powder
Tris	Sigma-Aldrich	154563	powder
Trizol	Thermofisher	12044977	solution
Tween 80	Sigma-Aldrich	P1754	solution
Yeast extract	BD	212750	
Kit			
AMBION DNase kit	Thermofisher	10792877	kit
DNA Agilent Chip	Agilent	5067-1504	kit
GeneJET Plasmid Miniprep kit	Thermofisher	K0503	kit
PureLink PCR Purification kit	Invitrogen	K310001	kit
Quant-It" assays kit	Thermofisher	Q33140/Q32884	kit
T4 DNA ligase	Invitrogen	Y90001	kit
TruSeq Stranded RNA LT prep kit	Illumina	15032611	kit