

Materials List for:

Sample Preparation of *Mycobacterium tuberculosis* Extracts for Nuclear Magnetic Resonance Metabolomic Studies

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Materials

Name	Company	Catalog Number	Comments
ADC Enrichment	BD BBL Middlebrook	212352	
BACS-120 Sample Changer	Bruker		
Bruker Avance NMR	Bruker		500 MHz
Bovine Serum Albumin	Fisher Scientific	BP1600-100	Fraction V
Centrifuge	Beckman Coulter	Allegra X-15R	Benchtop
Centrifuge Tubes	Corning	430291	50 ml sterile polypropylene
Cryogenic Vials	Corning	430488	2.0 ml sterile polypropylene
Cycloheximide	A.G. Scientific	C-1189	Toxic
D(+)- Glucose	ACROS	41095-0010	
Deuterium Oxide	Sigma Aldrich	617385	
Erlenmeyer Flask	VWR	89095-266	Sterile, flat base, polycarbonate, 0.22 µm PTFE membrane vented cap
Flash Freeze Flask	VWR	82018-226	750 ml
Freeze Dryer	VWR	82019-038	4.5 L Benchtop
Glycerol	GibcoBRL	15514-029	
Incubator	New Brunswick	Innova 40	Benchtop shaker
Lysing Matrix B	MP Biomedicals	6911-100	
Lysis Machine	MP Biomedicals	FastPrep-24	
Microcentrifuge	Eppendorf	5415D	Benchtop
Microcentrifuge	Beckman Coulter	Microfuge 22R	Benchtop
Middlebrook 7H9 Broth	Difco	271310	
NMR tubes	Norell	ST500-7	5mM
OADC Enrichment	BD BBL Middlebrook	212351	
Oleic Acid	Sigma	O1008	
Potassium Phosphate Dibasic	VWR	BDH0266	
Potassium Phosphate Monobasic	VWR	BDH0268	
Rotor - Microfuge 22R	Beckman Coulter	F241.5P	Sealed and polypropylene
Rotor - Allegra X-15R	Beckman Coulter	SX4750	With bio-certified covers
Sodium Chloride	Fisher Scientific	S271-3	
Sodium-3-trimethylsilylpropionate-2,2,3,3-D4	Cambridge Isotope	DLM-48	
Spectrophotometer	Beckman Coulter	DU-530	
Spectrophotometer Cuvettes	LifeLINE	LS-2410	1.5 ml polystyrene, 2 clear sides

Syringe	Becton Dickinson	309585	Sterile, 3 ml Luer-Lok
Syringe Filter	Nalgene	190-2520	0.2 μ m sterile cellulose acetate
Tween 80	Fisher Scientific	BP338-500	