

Materials List for:

Preparation of a Blood Culture Pellet for Rapid Bacterial Identification and Antibiotic Susceptibility Testing

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Materials

Name	Company	Catalog Number	Comments
20 G needle	Terumo, Leuven, Belgium	NN-2038R	
50 ml Falcon tube	BD, Franklin Lakes, NJ, USA	352070	50 ml centrifuge tubes
Ammonium chloride	Merck, Darmstadt, Germany	101145	
Potassium hydrogen carbonate	Fluka, St. Louis, MO, USA	60340	
Formic acid	Sigma-Aldrich, St. Louis, MO, USA	F0507	Flammable, corrosive
α-Cyano-4-hydroxycinnamic acid	Fluka, St. Louis, MO, USA	70990	Acute toxicity
Acetonitrile	Sigma-Aldrich, St. Louis, MO, USA	271004	Flammable, acute toxicity
Trifluoroacetic acid	Sigma-Aldrich, St. Louis, MO, USA	T6508	Corrosive, acute toxicity
Vitek 2 60 instrument	Biomérieux, Marcy-l'Etoile, France	27202	automated microbial system instrument
Vitek 2 Gram-positive (GP) card	Biomérieux, Marcy-l'Etoile, France	21342	automated GP identification card
Vitek 2 AST-P580 card	Biomérieux, Marcy-l'Etoile, France	22233	automated microbial AST system
Vitek 2 Gram-negative (GN) card	Biomérieux, Marcy-l'Etoile, France	21341	automated GN identification card
Vitek 2 AST-N242 card	Biomérieux, Marcy-l'Etoile, France	413391	automated microbial AST system
Xpert MRSA	Cepheid, Sunnyvale, Ca, USA	GXM RSA-100N-10	nucleic acid amplification technology MRSA
GeneXpert IV instrument	Cepheid, Sunnyvale, Ca, USA	GXIV-4-D	nucleic acid amplification technology instrument
Microflex LT MALDI-TOF MS instrument	Bruker Daltonics, Bremen, Germany	BDAL microflex LT/SH	
MSP 96 target steel BC	Bruker Daltonics, Bremen, Germany	280799	MALDI target plate
Densitometer Densicheck instrument	Biomérieux, Marcy-l'Etoile, France	27208	
MALDI Sepsityper kit 50	Bruker Daltonics, Bremen, Germany	8270170	
Mac Conkey agar	Biolife, Milano, Italy	4016702	
Mueller-Hinton agar	Oxoid, Hampshire, England	CM0337	Mueller-Hinton agar (MH)
MHF agar	Biomérieux, Marcy-l'Etoile, France	43901	Mueller-Hinton agar-fastidious organisms agar (MHF)
BD columbia III agar	BD, Franklin Lakes, NJ, USA	254071	blood agar
BD chocolate agar	BD, Franklin Lakes, NJ, USA	254089	chocolate agar
BD schaedler agar	BD, Franklin Lakes, NJ, USA	254084	Schaedler agar