

Materials List for:

Rapid Identification of Gram Negative Bacteria from Blood Culture Broth Using MALDI-TOF Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
BACTEC Plus Aerobic/F Medium	Becton Dickinson; BD, Franklin Lakes, NJ, USA	442192	
BACTEC Lytic/10 Anaerobic/F Medium	Becton Dickinson; BD, Franklin Lakes, NJ, USA	442265	
BACTEC Peds Plus Medium	Becton Dickinson; BD, Franklin Lakes, NJ, USA	442194	
Vacutainer - Blood transfer device	Becton Dickinson; BD, Franklin Lakes, NJ, USA	364880	Single use sampling device reducing the risk of needlestick injury
Vacutainer SST 5.0 ml, Advance plus	Becton Dickinson; BD, Franklin Lakes, NJ, USA	367954	Serum separating tube
Syringe 10 ml	Becton Dickinson; BD, Franklin Lakes, NJ, USA	302143	
Transfer pipette	Samco, USA	222-20S	
Transfer pipette (fine tipped)	Samco, USA	232-20S	
Microcentrifuge tube (2.0 ml)	Eppendorf, Hamburg, Germany	0030.120.094	
Sterile water (DNase and RNase free)	Life Technologies, Carlsbad, California, USA	10977-015	
Formic acid	Sigma-Aldrich, St. Louis, Missouri, USA	F0507	
Matrix solution	Bruker Daltonics, Bremen Germany	285074	10 mg/ml α -cyano-4-hydroxycinnamic acid, 50% acetonitrile, 2.5% trifluoroacetic acid
Benchtop microflex LT MALDI-TOF MS	Bruker Daltonics, Bremen Germany		Utilizing BioTyper 3.1 (Build 65) and FlexControl 3.3 (Build 99) software