

Materials List for:

Using the Overlay Assay to Qualitatively Measure Bacterial Production of and Sensitivity to Pneumococcal Bacteriocins

Natalie Maricic¹, Suzanne Dawid^{1,2}

¹Microbiology and Immunology, University of Michigan

²Pediatrics and Communicable Diseases, University of Michigan

Correspondence to: Suzanne Dawid at sdawid@med.umich.edu

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Materials

Name	Company	Catalog Number	Comments
Trypticase Soy Agar with 5% Sheep Blood	Fisher	B21261X	For growth from freezer cultures
Catalase	Sigma	C100-500mg	4,741 Units per plate
Todd Hewitt Broth + Yeast Extract (THY)	Fisher	DF0492-17-6	30 g of THB, 5 g yeast extract, 1 L ddH ₂ O autoclave
Trypticase Soy Broth + Agar plates (TSA)	Fisher	B11768	30 g of TS, 15 g agar, 1 L ddH ₂ O autoclave
5-bromo-4-chloro-3-indolyl β-D-galactopyranoside (X-gal)	Sigma	B4252-50MG	Dissolve in dimethylformamide
Petri dishes	Fisher	FB0875712	
Spectrophometer			Measures the OD ₆₂₀ of cultures
37 °C water bath			
37 °C incubator with 5% CO ₂			
15 ml conical tube			