

Materials List for:

## Detection of Bacteria Using Fluorogenic DNazymes

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URL: <https://www.jove.com/video/3961>

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### Materials

Name	Company	Catalog Number	Comments
Agar	BioShop Canada	AGR003	
Ammonium persulfate (APS)	BioShop Canada	AMP001	
Acrylamide/Bis-acrylamide (40%, 29:1)	BioShop Canada	ACR004	
Boric acid	BioShop Canada	BOR001	
Bromophenol blue	Sigma-Aldrich	B8026	
EDTA	Electron Microscopy Sciences	EXO539-1	
HCl	Sigma-Aldrich	38281	
HEPES	BioShop Canada	HEP001	
LB broth	Sigma-Aldrich	L3022	
MgCl <sub>2</sub>	EMD Millipore	B10149-34	
NaCl	BioShop Canada	SOD002	
NaOAc	EMD Millipore	SXO255-1	
NaOH	EMD Millipore	SXO590-1	
SDS	BioShop Canada	SDS001	
TEMED	BioShop Canada	TEM001	
Tris-base	BioShop Canada	BST666	
Tween 20	Sigma-Aldrich	P9416	
Urea	BioShop Canada	URE001	
Xylenecyanol FF	Sigma-Aldrich	X4126	
DNA concentrator	Thermo Fisher Scientific, Inc.	Savant DNA SpeedVac 120	
Millex filter unit	EMD Millipore	SLGP033RS	
Gel loading tips	Diamed	TEC200EX-K	
ImageQuant software	Molecular Dynamics	Version 5.0	
Kimwipes	Kimberly-Clark Corporation	34705	
Mini Vortexer	VWR international	58816-121	
Parafilm	Pechiney Plastic Packaging	PM996	
Petri dishes	Fisher Scientific	Fisherbrand 08-757-12	
Stripettor Plus (Pipette gun)	Corning	07764714	
Quartz cuvettes	Varian Inc., Agilent	66-100216-00	
Shaker/Incubator	New Brunswick Scientific	Classic Series C24	
Typhoon Scanner	GE Healthcare	9200 Variable mode	
Centrifuge	Beckman Coulter Inc.	Allegra X22-R	
UV Spectrophotometer	Thermo Fisher Scientific, Inc.	GenesysUV 10	

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Fluorescence Spectrophotometer	Varian Inc., Agilent	Cary Eclipse	
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