

Materials List for:

Microbiologically Induced Calcite Precipitation Mediated by *Sporosarcina pasteurii*

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Materials

Name	Company	Catalog Number	Comments
Petridish	Fisher Scientific	FB0875712	Petridishes being used as Agar plate
Pyrex Flasks	Fisher Scientific	S63268	Corning Erlenmeyer
Tris-Base	Promega	H5133	being used to make Tris-Buffer
Hydrochloric Acid	Sigma-Aldrich	H9892	1.0 N, Bioreagent, suitable for cell culture
Agar Powder	Sigma-Aldrich	A1296	microbiology tested, plant cell culture tested, cell culture tested, powder
Ammonium Sulphate	Sigma-Aldrich	A4418	for Molecular Biology
Yeast extract powder	Sigma-Aldrich	51475	
Measuring Cylinder	Cole-Parmer	CP08559GC	Cole-Parmer Class A Graduated Cylinder w/Cal Cert,TC; 1,000 ml,1/Pk
Analytical Balance	OHAUS	AX124E	being used to measure weight of reagents
Autoclave	Brinkmann	58619000	
Autoclave Tape	VWR	52428864	
Aluminum Foil	Sigma-Aldrich	Z185140	being used to seal the flask before placing it in Autoclave
Bacterial Stock	Cedarlane	11859	-80 °C stock of <i>S. pasteurii</i> , ATCC No. is mentioned against Cat. No.
Mline Single-Channel Mechanical Pipettors, Variable Volume	Biohit	725010	Marketed by VWR under catalog number 14005976
Micropipette Tip	Fisher Scientific	212772B	Used for scratching Agar plates
Incubator	Binder	80079098	Microbiology Incubator,BF Series
Shaking Incubator	VWR	14004300	VWR Signature Benchtop Shaking Incubators
Phosphate Buffer Saline (PBS)	Sigma-Aldrich	P7059	
BD Falcon Express Pipet-Aid Pipetting Device	BD Biosciences	357590	Marketed by VWR under catalog number 53106220
Parafilm	Sigma-Aldrich	P7793	Being used to seal Agar plates
Urea	Sigma-Aldrich	U1250	Enrichment for nutrient medium
Sodium Bicarbonate	Sigma-Aldrich	S8875	Enrichment for nutrient medium
Calcium chloride	Sigma-Aldrich	C1016	Enrichment for nutrient medium