

Materials List for:

# Expression of Recombinant Cellulase Cel5A from *Trichoderma reesei* in Tobacco Plants

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URL: <https://www.jove.com/video/51711>

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## Materials

Name	Company	Catalog Number	Comments
4-methylumbelliferyl β-D-cellobioside	SIGMA-ALDRICH	M6018	
Acetic acid	ROTH	3738	
Acetosyringon (concentrated)	ROTH	6003	
Antibiotic - kanamycin	ROTH	T832	
Antibiotic - rifampicin	ROTH	4163	
Antibiotic - carbenicillin	ROTH	6344	
Antibody - rabbit anti His(6) pAb	ROCKLAND	600-401-382	
Antibody - goat anti rabbit AP, FC pAb	DIANOVA	111-055-008	
Azo-carboxymethyl cellulose	MEGAZYME	S-ACMC	
β-cyclodextrin	SIGMA-ALDRICH	C4805	
Calcium chloride dihydrate	SIGMA-ALDRICH	C5080	
Carboxymethyl cellulose	ROTH	3333.1	
Cellulase from <i>Trichoderma reesei</i> ATCC 26921	SIGMA-ALDRICH	C2730	
Congo red	SIGMA-ALDRICH	75768	
Coomassie brilliant blue G 250	ROTH	9598.2	
D(+)-glucose	ROTH	8337	
Ethanol	ROTH	K928	
Filter paper - Rotilabo blotting paper	ROTH	CL67	
NBT/BCIP	SIGMA-ALDRICH	72091	
MES buffer	ROTH	4256	
Methanol	ROTH	8388	
Sodium citrate	ROTH	3580	
Sodium dodecylsulfate	SERVA	20765	
Sodium hydroxide	ROTH	6771	
Soil, Einheitserde classic	PATZER GMBH		
Spectrometer - Infinite M200	TECAN		
Sucrose	SIGMA-ALDRICH	S-5390	
4-Hydroxy benzhydrazide	SIGMA-ALDRICH	H9882	
Phosphate buffered saline	ROTH	1058	

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UV light source - BLAK RAY	UVP		
Vibratome - VT1000S	Leica		