

Materials List for:

High-throughput Saccharification Assay for Lignocellulosic Materials

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URL: <https://www.jove.com/video/3240>

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Materials

Name	Company	Catalog Number	Comments
Grinding & weighing robot	Labman Automation		
2 ml micro tube with caps	Sarstedt Ltd	72.694	
5 mm stainless steel beads	Qiagen	69989	
1.2ml Abgene square well storage plates	Fisher Scientific	TUL-050-050C	
Whatman cap mat for 96 square well plates	Fisher Scientific	7704-0104	
Liquid handling robot	Tecan Group Ltd.	Freedom Evo 200	
Sulphuric acid	Fisher Scientific	S/9231/PB17	
Sodium hydroxide	Fisher Scientific	BPE359-500	
Sodium acetate	Sigma-Aldrich	S8750-500G	
Acetic acid	Fisher Scientific	A/0420/PB17	
Novozyme 188	Novozyme	DCN00214	
Celluclast 1.5L	Novozyme	CCN03122	
96 well PCR full skirt plates	Sarstedt Ltd	72.1980.202	
D-Glucose	Fisher Scientific	G/0450/53	
3-Methyl-2-benzothiazolinone hydrazone hydrochloride hydrate	Sigma-Aldrich	129739-25G	
DL-dithiothreitol	Sigma-Aldrich	D9163-1G	
Corning microplate 96 well flat bottom	Fisher Scientific	TKT-521-050H	
Ammonium iron (III) sulfate dodecahydrate	Sigma-Aldrich	F1668-250G	
Sulfamic acid	Sigma-Aldrich	242772-500G	
Hydrochloric acid	Fisher Scientific	12462-0026	