Materials List for:

Measuring Endoreduplication by Flow Cytometry of Isolated Tuber Protoplasts

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Materials

Name	Company	Catalog Number	Comments
Serological pipette	Fisher	13-676-10k	(sterile)
Pipet Aid XP (autopipettor)	Drummond Scientific	4-000-101	
Conical tubes (50 mL)	Thermo Fisher Scientific	339652	(sterile)
Microcentrifuge tubes (1.5 mL)	Globe Scientific	111558	
Microcentrifuge tubes (2 mL)	Globe Scientific	111552	
Vacuum filtration unit (0.22 µm) (aPES)	Thermo Fisher Scientific	564-0020	(sterile)
Vacuum filtration unit (0.45 µm) (aPES)	Thermo Fisher Scientific	168-0045	(sterile)
Cellulase "Onozuka R-10"	Yakult		contact company
Macerozyme "Onozuka R-10"	Yakult		contact company
Hemicellulase	Sigma	H2125	
Tris base	Fisher Scientific	BP152-1	
MES buffer	Acros Organics	172590250	
Triton X-100	MP Biochemicals	194854	
Magnesium Chloride (hexahydrate)	Fisher Scientific	M35-500	
Calcium Chloride (dihydrate)	Fisher Scientific	C79-500	
D-Mannitol	Acros Organics	423922500	
MOPS	Acros Organics	17263-0250	
Potassium Phosphate (monobasic, anhydrous)	Sigma-Aldrich	P-5379	
Propidium iodide	Sigma-Aldrich	P4170	For flow cytometry preparations
Ribonuclease A	Sigma-Aldrich	R5000	For flow cytometry preparations
Cork borers with punch	American Scientific	2093-02	For sampling desired tissue
Forceps	Thermo Fisher Scientific	16-31	For smapling desired tissue
Scalpel	Thermo Fisher Scientific	08-920B	For smapling desired tissue
106 µm stainless steel mesh or other seive of same pore size	New Jersey Wire Mesh Co.		contact company