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Materials List for

Isolation of High Purity Tissues from Developing Barley Seeds

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Materials

Name	Company	Catalog Number	Comments
0.22 um filter	Merck	SLGSV255F	
1.5 ml Eppendorf tube	Sarstedt	72.690.001	
4',6-diamididno-2-phenylindole	Invitrogen	D21490	
50 um nylon mesh	Silk a Progrers	uhelon 120 T	
Agilent 2100 Bioanalyzer	Agilent	G2939BA	
Bulb Assembly	Drummond Scientific Company	1-000-9000	
Calibration beads	Invitrogen	A16502	
Cellulose tissue paper			
Citric acid monohydrate	Penta	13830-31000	
Climatic chamber	Weiss Gallenkamp		
DNase I	Sigma Aldrich	DNASE70	
Filter paper	Fagron		
Fine-pointed tweezers	Fine Science Tools	11254-20	
Flow cytometer	Sysmex-Partec		
Flow cytometry tube	Sarstedt	55.484	
Freezer			
Glassine bag			
KCl	Lachner	30076-AP0	
KH2PO4	Litolab	100109	
Liquid nitrogen	Linde		
Microcapillary pipette	Fivephoton Biochemicals	MGM 1C-20-30	
Minutien Pins	Fine Science Tools	26002-20	
Na2HPO4	Lachema		
Na2HPO4.12H2O	Lachner	30061-AP0	
NaCl	Lachner	30093-AP0	
Peat pots	Jiffy		5x5 cm
Petri dish			

Pin Holder	Fine Science Tools	26016-12	
Plastic pestle	p-Lab	A199001	
Pots			12x12 cm
Razor blade	Gillette		
RNAse zap	Invitrogen	AM9780	
Sand			
Scissors	Fine Science Tools	14060-11	
Soil			
Spectrum Plant Total RNA Kit	Sigma Aldrich	STRN50	
Stereomicroscope	Olympus		
Tween 20	Sigma Aldrich	P2287	
TRIzol reagent	Invitrogen	15596026	
RNA 6000 Pico Kit	Agilent	5067-1513	