

Materials List for

RNA Blot Analysis for the Detection and Quantification of Plant MicroRNAs

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Materials

Name	Company	Catalog Number	Comments
40% Acrylamide-bisacrylamide solution	Sigma	A9926	
Ammonium persulphate (APS)	BioRad	1610700	
Blotting paper	whatmann blotting paper I	1001-125	
Bromophenol blue	Sigma	B5525-5G	
Capillary loading tips	BioRad	2239915	
Deionized formamide	Ambion	AM9342	
Heating block	Eppendorff	5350	
Hybond N+nylon membrane	GE	RPN203B	
Hybridization bottle	Sigma	Z374792-1EA	
Hybridization Oven	Thermo Scientific	1211V79	
N,N,N',N'-Tetramethylethylenediamine (TEMED)	Sigma	T7024-25ml	
PhosphorImager	GE- Typhoon scanner	29187194	
PhosphorImager screen and cassette	GE healthcare	GE28-9564-75	
Pipettes	Gilson, models: P20 and P10	FA10002M, FA10003M	
Plastic pipette	Falcon	357550	
Polyacrylamide gel apparatus	BioRad	1658003EDU	
Sephadex G-25 column	GE healthcare	27532501	
Speed Vac Concentrator	Thermo Scientific	20-548-130	
Spinwin	Tarsons	1010	
T4 Polynucleotide Kinase (PNK)	NEB	M0201S	
Transblot apparatus	BioRad	1703946	
ULTRAHyb hybridization buffer	Ambion	AM8670	
Urea	Fischer Scientific	15985	
UV-crosslinker	UVP	CL-1000L	
Vortex	Tarsons	3020	
Water bath	NEOLAB	D-8810	

Xylene cyanol	Sigma	X4126-10G	
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