

Materials List for:

A Flexible Low Cost Hydroponic System for Assessing Plant Responses to Small Molecules in Sterile Conditions

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Materials

Name	Company	Catalog Number	Comments
Ethanol	Merck	100983	
Sodium hypochlorite solution	Sigma-Aldrich	425044	
Polysorbate 20	Sigma-Aldrich	P2287	
Murashige and Skoog (MS) medium including vitamins	Duchefa Biochemie	M0222	
2-(<i>N</i> -morpholino)ethanesulfonic acid (MES) monohydrate	Duchefa Biochemie	M1503	
Agar	Sigma-Aldrich	A7921	
Potassium hydroxide	Sigma-Aldrich	484016	
Laminar flow hood	Telstar	BH-100	
Hotplate	AREC	F20510011	
Growth chamber	Weiss Technik	HGC 1514	
Glass Petri dish (150 mm x 25 mm)	Uniglass	189.006	
200 µL pipette tip racks	Kasvi	K8-200-5 *	
300 µL multichannel pipette	Eppendorf	3122000060	
300 µL pipette tips	Eppendorf	30073088	
200 µL pipette	Eppendorf	3120000054	
200 µL pipette tips	Eppendorf	30000870	
Scissors	Tramontina	25912/108	
Tweezer	ABC Instrumentos	702915	
Scalpel blade	Sigma-Aldrich	S2771	
Adhesive transparent tape (45mm x 50m)	Scotch 3M	5803	
Disposable plastic boxes, external dimensions: 353 mm (L)x 178 mm (W) x 121mm (H)	Maxipac	32771	