

Materials List for:

Light Sheet Fluorescence Microscopy of Plant Roots Growing on the Surface of a Gel

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Materials

Name	Company	Catalog Number	Comments
Agarose, low melting	VWR	AFFY3282125GM	
Black aluminum foil	Thorlabs	BKF12	
Black plastic foil	Carl Roth	HT83.2	
LED blue (453 nm)	OSRAM	LD CN5M-1R1S-35-1	
LED red (625 nm)	OSRAM	LR T66F-ABBB-1-1	
LED board - PCB design software	Cadsoft Eagle		
MES monohydrate	Duchefa	M1503.0100	
Micropore Surgical Tape	3M	1530-1	
Murashige & Skoog Medium (MS-Medium)	Duchefa	M0221	
Phytigel	Sigma-Aldrich	P8169	
Sample holder 3D print	i.materialise	https://i.materialise.de/shop/item/sampleholder-openspim-zeisslightsheetz1	
Square Petri dishes (245 x 245 x 25 mm)	VWR	734-2179	
Sucrose	Sigma-Aldrich	84097-1KG	