

Materials List for:

# **Protocols for Obtaining Zygotic and Somatic Embryos for Studying the Regulation of Early Embryo Development in the Model Legume *Medicago truncatula***

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## **Materials**

Name	Company	Catalog Number	Comments
P4 medium	Sigma-Aldrich		Use Sigma-Aldrich Chemicals or other analytical grade supplier
Major salts			
Minor salts			
Vitamins			
Agar	Bacto Laboratories	214010	Bacto agar
Plant hormones			
1-Naphthaleneacetic acid	Sigma-Aldrich	N0640	Dissolve in small amount of 1 M NaOH
Absciscic acid	Sigma-Aldrich	A1049	Dissolve in small amount of 1 M NaOH
6-Benzylaminopurine	Sigma-Aldrich	B3274	Dissolve in MQ water with heating and few drops 1N HCl
Gibberellic Acid	Sigma-Aldrich	G7645	Dissolve in small amount of ethanol
Equipment			
Stereo dissecting microscope	Leica	MZFLIII	Or similar
Light microscope	Zeiss	Axiophot	Or similar, with suitable optics
Digital camera	Zeiss	AxioCam HRc	Or similar
Sterilising leaves			
250 mL screw cap polycarbonate container with polypropylene lid	SARSTEDT	75.9922.519	Autoclavable