

Materials List for:

Quantification of Fungal Colonization, Sporogenesis, and Production of Mycotoxins Using Kernel Bioassays

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URL: <https://www.jove.com/video/3727>

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Materials

Name	Company	Catalog Number	Comments
Potato Dextrose Agar	Fisher Scientific	S71659A	
Tween-20	Fisher Scientific	BP337-100	
Plastic incubation container	Sterilite	1713LAB06	
Blender	Vicam	20200	
24 cm Fluted Filter Papers	Vicam	31240	
1.5 µm glass microfibre	Vicam	31955	
Afla Test column	Vicam	G1024	
Afla Test Developer	Vicam	32010	
Methanol	Vicam	35016	
Acetonitrile	Fisher Scientific	AC14952-0025	
Ethanol	Fisher Scientific	AC39769-0025	
C-18 solid phase extraction column (Prep SEP SPE C18 Column)	Fisher Scientific	60108-304	
O-phthalaldehyde (OPA)	Sigma-Aldrich	79760-5g	
Boric acid	Fisher Scientific	BP168-500	
Sodium borate	Fisher Scientific	RDCS0330500	
Mercapt-ethanol	Fisher Scientific	45-000-231	
Shimadzu HPLC LC-20AT (Pump)	Shimadzu Corporation	LC-20AT	
Zorbax ODS column (4.6x150mm)	Agilent Technologies	443905-902	
Shimadzu RF-10AxI fluorescence detector	Shimadzu Corporation	RF-10AXL	
Sodium phosphate	Fisher Scientific	AC38987-0010	
FB1 standards	Sigma-Aldrich	F1147-1mg	
Chloroform	VWR international	MK444410	
13 mm syringe filter with 0.45 µm nylon membrane (HPLC)	Pall Corporation	4426	
Ergosterol	Sigma-Aldrich	45480-50G-F	
Scintillation vials	VWR international	66021-602	
Sodium Chloride	Vicam	G1124	