

Materials List for:

Fabrication of Amyloid- β -Secreting Alginate Microbeads for Use in Modelling Alzheimer's Disease

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URL: <https://www.jove.com/video/59597>

DOI: [doi:10.3791/59597](https://doi.org/10.3791/59597)

Materials

Name	Company	Catalog Number	Comments
μ Manager software	Vale Lab, UCSF, USA	v.1.46	
0.22 μ m PES filter	Merck, UK	SLGP033RS	
15mm Netwell insert 74 μ m mesh filter	Constar, usa	#3477	
Alginic acid sodium salt from brown algae	Sigma-Aldrich,uk	A0682	
Calcium chloride	Sigma-Aldrich,uk	C1016	
CellTiter96 AQueous One Solution cell proliferation assay	Promega, USA	G3580	
Encapsulator	Inotech	IE-50	serial no. 05.002.01-2005
HEPES	Sigma-Aldrich,uk	H4024	
Hu A β 1-42 ELISA	ThermoFisher, UK	KHB3441	
ImageJ software	ImageJ	v1.49p	
Inverted light microscope	Olympus	CKX41	
Leica microscope	Leica microsystems, UK	DMI6000B	
Neo sCMOS Camera	Ander, UK	5.5	
Phosphate buffered saline	Sigma-Aldrich,uk	D1408	
Sodium chloride	Sigma-Aldrich,uk	433209	
Trisodium citrate dihydrate	Sigma-Aldrich,uk	W302600-K	
Trypsin-EDTA solution	Sigma-Aldrich,uk	T4049	