Materials List for:

Generation and Recovery of β-cell Spheroids From Step-growth PEG-peptide Hydrogels

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Materials

Name	Company	Catalog Number	Comments
4-arm PEG (20kDa)	Jenkem Technology USA	4ARM-PEG-20K	
Fmoc-amino acids	Anaspec		
Live/Dead cell viability kit	Invitrogen	L3224	Includes Calcein AM and Ethidium homodimer-1
AlamarBlue reagent	AbD Serotec	BUF012	
CellTiter Glo reagent	Promega	G7570	
DPBS	Lonza	17-512F	Without Ca^{+2} and Mg^{+2}
HBSS	Lonza	10547F	Without Ca^{+2} and Mg^{+2}
High Glucose DMEM	Hyclone	SH30243.01	
FBS	Gibco	16000-044	
Antibiotic-Antimycotic	Invitrogen	15240-062	
β-Mercapt–thanol	Sigma-Aldrich	M7522-100ML	
Trypsin-EDTA	Invitrogen	15400-054	
Trypsin-free α-chymotrypsin	Worthington Biochemical Corp	LS001432	
Mouse Inusin ELISA kit	Mercodia	10-1247-01	
1 ml disposable syringe	BD biosciences		

