

Materials List for:

Human Cartilage Tissue Fabrication Using Three-dimensional Inkjet Printing Technology

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Materials

Name	Company	Catalog Number	Comments
HP Deskjet 500 thermal inkjet printer	Hewlett-Packard	C2106a	Discontinued. Purchased refurbished from internet vendor.
HP black ink cartridge	Hewlett-Packard	51626a	
Ultraviolet lamp	UVP	B-100AP	
UV light meter	General Tools	UV513AB	
Zeiss LSM 510 laser scanning microscope	Carl Zeiss	LSM 510	
Dulbeccos Modified Eagles Medium (DMEM)	Mediatech	10-013	
Penicillin-streptomycin-glutamine (PSG)	Invitrogen	10378-016	
Accutase cell dissociation reagent	Invitrogen	A11105-01	
Phosphate buffered saline (PBS)	Invitrogen	10010-023	
Live/Dead viability/cytotoxicity Kit	Invitrogen	L-3224	
Poly(ethylene glycol) diacrylate (PEGDA)	Glycosan Biosystems	GS700	
Irgacure 2959	Ciba Specialty Chemicals	I-2959	
Human articular chondrocytes	Lonza	CC-2550	