

Materials List for:

# Tissue Engineering by Intrinsic Vascularization in an *In Vivo* Tissue Engineering Chamber

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## Materials

Name	Company	Catalog Number	Comments
1 15 Blade Scalpel	Braun	BB515	
1 Toothed Adson Forceps	Braun	BD527R	
1 Needle Holder	Braun	BM201R	
1 Bipolar Coagulator	Braun	US335	
1 Micro Needle Holder B-15-8.3	S & T	00763	
1 Micro Dilator Forceps D-5a.2	S & T	00125	
1 Micro Jeweler's Forceps JF-5	S & T	00108	
1 Micro Scissors - Straight SAS-11	S & T	00098	
1 Micro Scissors - Curved SDC-11	S & T	00090	
2 Single Clamps B-3	S & T	00400	
2 10/0 nylon suture	S & T	03199	
1 6/0 nylon suture	Braun	G2095469	
2 4/0 Silk Sutures	Braun	C0760145	
Xilocaine 1%	Dealmed	150733	10 mg/ml
Heparin Sodium	Dealmed	272301	5,000 UI/ml
Ringer Lactate	Baxter	JB2323	500 ml
1 dome-shaped tissue engineering chamber	custom made		
1 flow-through chamber	custom made		
Lectin I, Griffonia Simplicifolia	Vector Laboratories	B-1105	1.67 µg/ml
Troponin T antibody	Abcam	Ab8295	4 µg/ml
Human-specific Ku80 antibody	Abcam	Ab80592	0.06 µg/ml
Desmin antibody	Dako	M0760	2.55 µg/ml
Cell Tracker CM-Dil dye	Thermo Fisher Scientific	C-7000	3 mg/10 <sup>6</sup> cells
Lethabarb (sodium pentobarbitone)	 Virbac Animal Health	LETHA450	325 mg/ml
Heat pad flexible	 Redzone Heating	RZ/Medium	