

Materials List for:

Culturing Mouse Cardiac Valves in the Miniature Tissue Culture System

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle Medium	Life Technologies	10569-010	
Fetal Bovine Serum	Life Technologies	26140	
Insulin-Transferrin-Selenium	Life Technologies	41400-045	
Antibiotic-Antimycotic	Life Technologies	15240-06	
Silk 7-0	Ethicon	768G	
100 mm culture dish	Greiner bio-one	664160	
50 ml tube	Greiner bio-one	227261	
5 ml syringe	BD	309649	
21 G needle	BD	304432	
Heparin	LEO	012866-08	
Forceps	Fine Science Tools	11295-00	
Micro Scissors, Economy, Vannas-type	Tedpella	1346	
Silicon tubing	Thermo Scientific	8060-0020	I.D. x O.D. x Wall: 1.59 x 3.18 x 0.79 mm
Silicon tubing for pump	Masterflex	96400-13	I.D. x O.D. x Wall: 0.8 x 1.59 x 0.40 mm
Biocompatible glue (Histoacryl)	B. Braun	1050071	
precision vaporizer	Dräger	Vapor 200	
peristaltic roller pump	Masterflex	7521-35	
Easy-load pump head	Masterflex	7518-00	
Flow chamber			see Lieber <i>et al.</i> , 2010
Bubble trap			see Lieber <i>et al.</i> , 2010