

Materials List for:

Mouse Embryonic Development in a Serum-free Whole Embryo Culture System

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Materials

Name	Company	Catalog Number	Comments
KnockOut DMEM	Invitrogen	10829-018	
KnockOut Serum Replacement	Invitrogen	10828-028	
N-2 Supplement	Invitrogen	17502-048	Stock: 100x
Albumin, from Bovine Serum	Sigma	A9418-50G	Stock: 100%
Antibiotic - Antimycotic Solution	Cellgro	30-004-CI	Stock: Penicillin (10,000 IU/ml); Streptomycin (10,000 µg/ml); Amphotericin (250 µg/ml)
DMEM	Cellgro	15-013-CV	
Precision Incubator Unit	B.T.C. Engineering Milton Cambridge England	Id.No. 840-374	
Glass Bottles for Rotating Unit	B.T.C. Engineering		
Silicone Rubber Cork	B.T.C. Engineering		
95% O ₂ /5% CO ₂ Cylinder	AirGas Inc.		
Stemi SV11 Apo Dissecting Microscope	Zeiss		
Stemi SV6 Microscope	Zeiss		
CO ₂ Water Jacketed Incubator	Forma Scientific	Model: 3110	
Culture Hood	Nuaire Biological Safety Cabinets Class II TypeA2	Model: Nu-425-600	
Water Bath	Fisher Scientific	IsoTemp205	
Weigh Balance	Mettler Toledo	AG285	
Centrifuge Tube, 50 ml	Corning	430291	
Light Operating Scissors	Roboz	RS-6702	
Operating Sharp-Blunt Scissors	Roboz	RS-6812	
Microdissecting Forceps, 4 in	Roboz	RS-5211	
Microdissecting Forceps - Hudson (cWALD), 4-3/4 in	Roboz	RS-5237	
Microdissecting Tweezers (5/45)	Roboz	RS-5005	Modified - Sharp ends were made blunt
Microdissecting Tweezers (5)	Roboz	RS-5060	Modified - Sharp ends were made blunt
Microdissecting Tweezers (55)	Roboz	RS-5063	Modified - Sharp ends were made blunt
Instrument Tray	Roboz	RT-1401S	
Instrument Tray Lid	Roboz	RT-1401L	
Petri Dish-100 mm	Fisher Scientific	087571Z	

Petri Dish-60 mm	Fisher Scientific	0875713A	
Petri Dish-35 mm	Fisher Scientific	0875711YZ	
Filter System (0.22 µm Cellulose Acetate)-150 ml	Corning	431153	
Filter System (0.22 µm Cellulose Acetate)-250 ml	Corning	430756	
Filter System (0.22 µm Cellulose Acetate)-500 ml	Corning	430758	
Pipet-aid Pipettor	Drummond Scientific Co.	D57849	
Serological Pipette-10 ml	VWR	89130-898	
Disposable Serological Pipette-25 ml	Corning	4251	
Transfer Pipette - 7.7 ml	Thermo Scientific	202-20S	