

Materials List for:

Method for Culture of Early Chick Embryos ex vivo (New Culture)

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Materials

Name	Type	Company	Catalog Number	Comments
Eggs	Animal	Charles River Laboratories	Premium Fertile	
Stereomicroscope	Microscope	Leica Microsystems	MZ9.5 or similar	
Marsh Automatic Incubator	Tool	Lyon	RX	
Hybridization Incubator	Tool	Robbins Scientific, SciGene	M1000	
Pyrex dish (2)	Tool			
Watchmaker's glass 50mm	Tool	VWR international	66112-060	
Glass rings	Tool	Physical Plant facility		cut 4 mm thick sections of glass tubing (27 mm outer diam, 25 mm inner diam). Do not fine polish.
Curved Forceps (1)	Surgery	Electron Microscopy Sciences	72991-4C	
Forceps (2)	Surgery	Fine Science Tools	11002-13	blunt ended using sharpening Stone and 100ul mineral oil
Sharpening Stone Dan's Black Arkansas	Surgery	Electron Microscopy Sciences	62082-00	
Fine scissors	Surgery	Fine Science Tools	14161-10	
Plastic dishes	Tool	Falcon BD	353001	
Rubber Bulb	Tool	Electron Microscopy Sciences	70980	
Pasteur Capillary Pipette	Tool	Electron Microscopy Sciences	70950-12	round edge under flame
Microcapillary tube	Surgery	Sigma-Aldrich	P1049-1PAK	Pull using vertical micropipette puller; blunt end with fine forceps
Microdissecting knife	Surgery	Fine Science Tools	10056-12	Use to puncture cavities prior to in situ hybridization
Minuten pins 0.2mm diam	Surgery	Fine Science Tools	26002-20	
Sylgard 184 Silicon Elastomer Curing Agent and Base	Reagent	Dow Corning	0001986475	Mix 1 part Curing Agent, 9 parts Base; set O/N at 37C
Diethylpyrocarbonate (depc)	Reagent	Acros Organics	10025025	Add 1ml depc to 1l PBS; shake; autoclave