

Materials List for:

# Isolation of Embryonic Tissues and Formation of Quail-Chicken Chimeric Organs Using The Thymus Example

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## Materials

Name	Company	Catalog Number	Comments
Chicken fertilized eggs ( <i>Gallus gallus</i> )	Pintobar, Portugal		Poultry farm
Quail fertilized eggs ( <i>Coturnix coturnix</i> )	Interaves, Portugal		Bird farm
15 mL PP centrifuge tubes	Corning	430052	
50 mL PP centrifuge tubes	Corning	430290	
60 x 20 mm pyrex dishes	Duran group	21 755 41	
100 x 20 mm pyrex dishes	Duran group	21 755 48	
Metal grid	Goodfellows		fine meshed stainless steel grid
Membrane filter	Millipore	DTTP01300	0.6 mm Isopore membrane filter
Petri dish, 35 x 10 mm	Sigma-Aldrich	P5112	
60 x 30 mm pyrex bowls (Small size)			from supermarket
100 x 50 mm pyrex bowls (Large size)			from supermarket
Transfer pipettes	Samco Scientific, Thermo Fisher Scientific	2041S	2 mL plastic pipet
Glass pasteur pipette	Normax	5426015	
Clear plastic tape			from supermarket
Cytokeratin (pan; acidic and basic, type I and II cytokeratins), clone Lu-5	BMA Biomedicals	T-1302	
Fetal Bovine Serum	Invitrogen, Thermo Fisher Scientific		Standart FBS
Pancreatin	Sigma-Aldrich	P-3292	Prepare a 25 mg/mL solution according to manufacturer's instructions; centrifuge and filter prior to aliquote and store at -20°C. Aliquots can be kept frozen for several years.
Paraformaldehyde	Sigma-Aldrich	P6148	
Penicillin-Streptomycin	Invitrogen, Thermo Fisher Scientific	15140-122	
Phosphate-Buffered Saline (PBS)	GIBCO, Thermo Fisher Scientific	10010023	
QCPN antibody	Developmental Studies Hybridoma Bank	QCPN	
RPMI 1640 Medium, GlutaMAX Supplement	GIBCO, Thermo Fisher Scientific	61870010	
Bluesil RTV141A/B Silicone Elastomer 1.1Kg Kit	ELKEM/Silmid	RH141001KG	To prepare the back base for petri dish

Dumont #5 Forceps	Fine Science Tools	11251-30	Thin forceps
Extra fine Bonn scissors, curved	Fine Science Tools	14085-08	Curved scissors
Insect pins	Fine Science Tools	26001-30	0.3 mm Stainless steel pin
Micro spatula	Fine Science Tools	10087-12	Transplantation spoon
Minutien Pins	Fine Science Tools	26002-20	0.2 mm Stainless steel microscalpel
Minutien Pins	Fine Science Tools	26002-10	0.1 mm Stainless steel microscalpel
Moria Nickel Plated Pin Holder	Fine Science Tools	26016-12	Nickel plated pin holder
Moria Perforated Spoon	Fine Science Tools	10370-17	Skimmer
Wecker Eye Scissor	Fine Science Tools	15010-11	
Camera	Leica Microsystems	MC170 HD	
Microscope	Leica Microsystems	DM2500	
NanoZoomer S360 Digital slide scanner	Hamamatsu Photonics	C13220-01	
Stereoscope	Leica Microsystems	Leica M80	