

Materials List for:

# Application of Impermeable Barriers Combined with Candidate Factor Soaked Beads to Study Inductive Signals in the Chick

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URL: <https://www.jove.com/video/54618>

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## Materials

Name	Company	Catalog Number	Comments
Dumont No. 5 watchmakers forceps, x2	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	11251-20	
Dumont No. 4 watchmakers forceps, x2	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	11241-30	
Dumont strong forceps, type AA	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	11210-10	
Curved scissors with blades 2.5 cm long	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	14061-11	
Blunt ended curved forceps, ends approx 0.5 cm long	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	11065-07	
Steel pin, 0.2 mm wide	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	26002-20	
Sharpening stone, square	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	29008-01	
Mineral oil			
Needle holder	Fine Science Tools <a href="http://www.finescience.de">www.finescience.de</a>	26016-12	
Clear tape, 50 mm x 66 m	<a href="http://www.5staroffice.com">www.5staroffice.com</a>	295985	
FGF4 protein			A gift from Cliff Tabin.
all-trans-retinoic acid	Sigma <a href="http://www.sigmaaldrich.com">www.sigmaaldrich.com</a>	R2625-50MG	Remember to protect from light.
BMS 493	Sigma <a href="http://www.sigmaaldrich.com">www.sigmaaldrich.com</a>	B6688-5MG	
Scalpel blade No. 15	<a href="http://www.swann-morton.com">www.swann-morton.com</a>	cat no. 0105	
Affi-Gel Blue, affinity chromatography gel	Bio-Rad <a href="http://www.bio-rad.com">www.bio-rad.com</a>	153-7301	Beads for delivering protein.
AG1-X2 Ion exchange resin	Bio-Rad <a href="http://www.bio-rad.com">www.bio-rad.com</a>	140-1251	Beads for delivering RA or BMS 493.
Incubator for eggs	Memmert <a href="http://www.hce-uk.com">www.hce-uk.com</a>	LAB128	
Paraformaldehyde (PFA)	Sigma <a href="http://www.sigmaaldrich.com">www.sigmaaldrich.com</a>	P6148-1KG	Harmful, irritant, corrosive. Handle powder in fumehood with full protective clothing.
Ethanol	Sigma <a href="http://www.sigmaaldrich.com">www.sigmaaldrich.com</a>	32221-2.5L	
DMEM, high glucose	Gibco <a href="http://www.thermofisher.com">www.thermofisher.com</a>	41965-039	500 ml
Dimethyl sulfoxide (DMSO)	Fisher Scientific <a href="http://webshop.fishersci.com">webshop.fishersci.com</a>	D/4121/PB08	500 ml
Binocular Microscope	Leica <a href="http://www.leica-microsystems.com">www.leica-microsystems.com</a>	MZ6	Replaced by M60
Chicken eggs	Henry Stewart & Co Ltd <a href="mailto:sales@medeggs.com">sales@medeggs.com</a>		Brown Eggs