

Materials List for:

Organotypic Culture Method to Study the Development Of Embryonic Chicken Tissues

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Materials

Name	Company	Catalog Number	Comments
35 mm cell culture petri dishes	Corning	353001	easy grip tissue culture dish, polystyrene, non-pyrogenic
100 mm cell culture petri dishes	Corning	353003	tissue culture dish, polystyrene, non-pyrogenic
paper tissue	Kimtech	34155	Kimtech Science Brand Task Wipers, 280 per carton
wire mesh	n/a	n/a	stainless steel wire mesh (grid size 0.7 mm)
disposable glass pipettes	VWR	14673-010	Borosilicate glass disposable 5 3/4"
nutrient medium	Gibco	12591-038	Fitton-Jackson Modification, [+] L-glutamine with phenol red (BGJB)
penicillin-streptomycin	Sigma-Aldrich	P4458	10000 units/mL penicillin streptomycin solution stabilised
filter paper	Whatman	1454 090	semi-porous filter paper 90mm
fertilized chicken eggs	Dalhousie University Agricultural College	n/a	can be obtained from local farms
sodium chloride (NaCl)	EMD	SX0420-3	sodium chloride crystals, reagent grade
1 L glass bottle	VWR	89000-240	1 L pyrex autoclavable glass bottle
ethanol	Fisher Scientific	BP82011	70% molecular biology grade
tupperware containers	n/a	n/a	store-bought and sterilized with EtOH
disposable razor blades	VWR	55411-050	single edge industrial razor blades (surgical carbon steel)
plastic spoons	n/a	n/a	store-bought and sterilized with EtOH
dust mask	3M	n/a	3M 8500 Comfort Mask
paraformaldehyde	Sigma-Aldrich	P6148	paraformaldehyde, reagent grade, crystalline
neutral-buffered formalin	Fisher Scientific	72210	10% neutral buffered formalin
phosphate buffered saline (PBS)	n/a	n/a	10X phosphate buffered saline pH 7.4 (137mM NaCl, 2.5mM KCl, 4.3mM Na ₂ HPO ₄ , 1.4mM KH ₂ PO ₄)
15 ml falcon tubes	VWR	21008-216	presterilized centrifuge tubes
forceps	FST	n/a	fine forceps
chick saline	n/a	n/a	0.85% NaCl
tinfoil	n/a	n/a	store-bought
paper towel	n/a	n/a	store-bought