

Materials List for:

Enrichment of Mammalian Tissues and *Xenopus* Oocytes with Cholesterol

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URL: <https://www.jove.com/video/60734>

DOI: [doi:10.3791/60734](https://doi.org/10.3791/60734)

Materials

Name	Company	Catalog Number	Comments
Amplex Red Cholesterol Assay Kit	Invitrogen	A12216	
Pierce BCA Protein Assay Kit	Thermo Scientific	23225	
Pre-Diluted Protein Assay Standards BSA set	Thermo Scientific	23208	
Brain PE 25Mg in Chloroform	Avanti Lipids	840022C	
16:0-18:1 PS 25Mg Chloroform	Avanti Lipids	840034C	
Cholesterol 100Mg Powder	Sigma	C8667	
KCl	Fisher	P217	
Trizma base	Sigma	T6066	
HEPES	Corning	61-034-RO	
MgCl ₂	Fisher	M33	
NaCl	Fisher	S271	
KH ₂ PO ₄	Fisher	P285	
MgSO ₄	EMD Chemicals	MX0070-1	
EDTA	VWR	E177	
Dextrose Anhydrous	Fisher	BP350	
NaHCO ₃	Sigma	S6014	
CaCl ₂	Sigma	C3881	
Blood Gas Tank	nexAir		
NaOH	Fisher	S318	
1.5mL tubes	Fisher	S35818	
Gastight Syringe 100uL	Hamilton	1710	
Microliter Syringe 25uL	Hamilton	702	
12 mL heavy duty conical centrifuge beaded rim tube	Pyrex	8120-12	
Chloroform	Fisher	C298	
Support Stand	Homescience Tools	CE-STAN5X8	
Universal Clamp, 3-Prong	Homescience Tools	CE-CLPUNIV	
Sonicator	Laboratory Supplies	G112SP1G	
3D rotator mixer	Benchmark Scientific	B3D 1308	
96 well plate	Sigma	BR781602	
N2 gas	nexAir		
Glass beakers 40ml-1L	Fisher	02-540	
Ice Machine	Scotsman	CU1526MA-1	
Ice bucket	Fisher	50-136-7764	

1X PBS	Corning	21-031-CM	
TritonX	Fisher	BP151-100	
Sonic Dismembrator	Fisher	Model 100	
Eppendorf microcentrifuge	Eppendorf	Model 5417R	
Amber bottles	Fisher	03-251-420	
Corning™ Disposable Glass Pasteur Pipets	Fisher	13-678-4A	
Parafilm	Fisher	50-998-944	
Isotemp™ BOD Refrigerated Incubator	Fisher	97-990E	
Oocytes	Xenocyte™	10005	
Rat	Envigo	Sprague Dawley	weight 250g
Methyl-β-cyclodextrin	Sigma	C4555	
Water bath incubator with shaker	Precision	51221080	Lowest shaker setting O/N 37 °C
Filipin	Sigma	SAE0088-1ML	
DMSO	Fisher	BP231	
Paraformaldehyde 4%	Mallinckrodt	2621	
DI H ₂ O	University DI source		
ProLong Gold antifade reagent	Invitrogen	P10144	
Microslides 75x25mm Frosted	Diaggen	G15978A	
Forceps	Fine Science Tools	11255-20	
Microscope Coverslip	Diaggen	G15972B	
Clear nail polish	Revlon	771 Clear	
Labeling Tape	Fisher	15-901-20F	
Securline Lab Marker II	Sigma	Z648205-5EA	
BD 10mL Syringe	Fisher	14-823-16E	
1.2 μm syringe filter	VWR	28150-958	
KimWipes	Fisher	06-666A	
pH probe	Sartorius	py-p112s	
pH meter	Denver instrument	Model 225	
70% ETOH	Pharmco	211USP/NF	
Timer	Fisher	02-261-840	
Steno book	Staples	163485	