

Materials List for:

Assessing Primary Neurogenesis in *Xenopus* Embryos Using Immunostaining

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URL: <https://www.jove.com/video/53949>

DOI: [doi:10.3791/53949](https://doi.org/10.3791/53949)

Materials

Name	Company	Catalog Number	Comments
gentamicin	Sigma-Aldrich	G1397	
Tris-HCl	Sigma-Aldrich	T3253	
Tris-base	Sigma-Aldrich	T1503	
NaCl	Sigma-Aldrich	S7653	
KCl	Sigma-Aldrich	746436	
MgSO ₄	Sigma-Aldrich	746452	
CaCl ₂	Sigma-Aldrich	793639	
HEPES	Sigma-Aldrich	H3375	
MOPS	Sigma-Aldrich	RDD003	
EGTA	Sigma-Aldrich	E3889	
37% formaldehyde	Sigma-Aldrich	F8775	
Gelatin from cold water fish skin	Sigma-Aldrich	G7765	
Sucrose	Sigma-Aldrich	S7903	
Base Mould Disposable 15 Mm x 15 Mm x 5 Mm Simport	VWR	EMB-200-015A	
Base Mould Disposable 7 Mm x 7 Mm x 5 Mm Simport	VWR	EMB-200-010K	
Superfrost Plus slides	ThermoFisher	12-550-15	
Tissue Freezing Medium (OCT)	Leica	14020108926	
Cryostat	Leica	CM3050	
Gloves			
Dry Ice			
Triton X-100	Sigma-Aldrich	X100	
85-90 °C Heat block			
PAP pen	Sigma-Aldrich	Z377821	
Acetone, analytical grade			
Staining jar with slide racks			
Click-lock food box of appropriate size (has the capacity to hold 1-2 6-well plate inside)			
anti-acetylated tubulin	Sigma-Aldrich	T7451	
Anti-mouse IgG (H+L), F(ab') ₂ Fragment (Alexa Fluor® 488 Conjugate)	Cell Signaling	4408	

Anti-rabbit IgG (H+L), F(ab') ₂ Fragment (Alexa Fluor® 555 Conjugate)	Cell Signaling	4413	
Alexa Fluor® 647 Phalloidin	Cell Signaling	8940	
DAPI	Cell Signaling	4083	
ProLong Gold Antifade Mountant	Life Technologies	P36930	