

Materials List for

Monitoring the Mechanical Evolution of Tissue During Neural Tube Closure of Chick Embryo

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jove.com/video/66117

Materials

Name	Company	Catalog Number	Comments
100 mm Petri dish	Fisherbrand	FB0875713	
2D motorized stage	Prior Scientific	H117E2	
35 mm Petri dish	World Precision Instruments	FD35-100	
Brillouin Microscope with on-stage incubator	N/A	N/A	This is a custom-built Brillouin Microscope system based on Ref. 30
Chicken eggs	University of Connecticut	N/A	
CMOS camera	Thorlabs	CS2100M-USB	
EMCCD camera	Andor	iXon	
Ethanol	Decon Laboratories, Inc.	#2701	
Filter paper	Whatman	1004-070	
Incubator for in ovo culture	GQF Manufacturing Company Inc.	GQF 1502	
Ring	Thorlabs	SM1RR	
Microscope body	Olympus	IX73	
NaCl	Sigma-Aldrich	S9888	
On-stage incubator	Oko labs	OKO-H301-PRIOR-H117	
Parafilm	Bemis	PM-996	
Penicillin-Streptomycin	Gibco	15070-063	
Pipettes	Fisherbrand	13-711-6M	
Scissors	Artman instruments	N/A	3pc Micro Scissors 5
Syringe	BD	305482	
Tissue paper	Kimwipes	N/A	
Tube	Corning	430052	
Tweezers	DR Instruments	N/A	Microdissection Forceps Set