

Materials List for:

Preparation and Culture of Chicken Auditory Brainstem Slices

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Materials

Name	Type	Company	Catalog Number	Comments
Chicken ACSF				
NaCl		Fisher Scientific	M-11624	130 mM
NaHCO ₃		Fisher Scientific	M-10576	26 mM
KCl		Sigma-Aldrich	P-9333	3 mM
NaH ₂ PO ₄		Sigma-Aldrich	S-8282	1.25 mM
Glucose		Sigma-Aldrich	G-7528	10 mM
MgCl ₂		Fisher Scientific	M33-500	1 mM
CaCl ₂		Acros Organics	423525000	2 mM
Chicken culture medium (store at 4°C)				
advanced minimum essential medium (with NEAA, sodium pyruvate at 110 mg/l, without L-glutamate)		GIBCO, by Life Technologies	12492-013	48.00%
Earl's balanced salt solution		Sigma-Aldrich	E-2888	24.00%
L-glutamine (200 mM)		Sigma-Aldrich	G-7513	1.00%
Glucose solution (200 g/l, sterile filtered)		Sigma-Aldrich	G-7528	2.75%
horse serum (heat inactivated, sterile filtered)		Sigma-Aldrich	H-1138	24.00%
Penicillin-streptomycin*		Sigma-Aldrich	P-0781	1.00 ml * = Add to 100 ml culture medium if needed to prevent contamination
Specific equipment				
Millicell-CM cell culture inserts	PICMORG50	EMD Millipore		
6-well plate	6 Well Cell Culture Cluster	Corning		
Incubator	Forma Scientific CO ₂ Water Jacketed Incubator	Forma Scientific		