

Materials List for:

Primary Culture of Hippocampal Neurons from P0 Newborn Rats

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URL: <https://www.jove.com/video/895>

DOI: [doi:10.3791/895](https://doi.org/10.3791/895)

Materials

Name	Company	Catalog Number	Comments
Antibiotic antimetabolic	Invitrogen	15240062	
B-27 Supplement	Invitrogen	17504044	Serum free
Boric Acid	Sigma-Aldrich	B6768	
Dnase I	Sigma-Aldrich	DN25	
Fura-2, AM cell permeant	Molecular Probes, Life Technologies	F1221	
Glucose	Sigma-Aldrich	G7528	
HBSS (10X)	Invitrogen	14185052	
HEPES	Invitrogen	15630080	
L-Glutamine	Sigma-Aldrich	G7513	
MEM	Invitrogen	51200038	
Neurobasal	Invitrogen	12348017	Without phenol red
Poly-L-Lysine Hydrobromide	Sigma-Aldrich	P6282	
Pyruvic Acid	Sigma-Aldrich	P2256	
Sodium Pyruvate	Sigma-Aldrich	P2256	
Sodium Tetraborate	Sigma-Aldrich		
Trypsin, 2.5% (10X)	Invitrogen	15090046	