

Materials List for:

***Aplysia* Ganglia Preparation for Electrophysiological and Molecular Analyses of Single Neurons**

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Materials

Name	Company	Catalog Number	Comments
<i>Aplysia</i>	National <i>Aplysia</i> Resource Facility, University of Miami		
NaCl	SIGMA	S 3014-1KG	
KCl	SIGMA	P 9333-500G	
CaCl ₂ •2H ₂ O	SIGMA	C5080- 500G	
MgCl ₂ •6H ₂ O	Fisher Scientific	BP 214-501	
NaHCO ₄	SIGMA	S 6297-250G	
HEPES	SIGMA	H 3375-500G	
Protease	GIBCO	17105-042	
Trizol	Ambion	15596-026	
Chloroform	MP Biomedicals	2194002	
100% Ethanol	ACROS	64-17-5	
GlycoBlue	Ambion	AM9515	
3 M NaOAc, pH 5.5	Ambion	AM9740	
Nuclease free water	Ambion	AM9737	
MessageAmp II aRNA Amplification Kit	Ambion	AM1751	
qScript cDNA SuperMix	Quanta Biosciences	95048-100	
Power SYBR Green PCR Master Mix	Applied Biosystems	4367659	
Forceps	Fine Science Tools	11252-20	
Scissors	Fine Science Tools	15000-08	
Stainless Steel Minutien Pins	Fine Science Tools	26002-10 or 26002-20	
Veriti Thermal Cyclor	Applied Biosystems	Veriti Thermal Cyclor	
5430R Centrifuge	Eppendorf	5430R Centrifuge	
7900HT Fast Real-Time PCR	Applied Biosystems	7900HT Fast Real-Time PCR	
Amplifier	BRAMP-01R	NPI Electronics	
Digidata Converter	Instrutech ITC-18	HEKA ELEKTRONIK	
Micro Manipulator	Patch Star	Scientifica	