

Materials List for:

The Method of Rodent Whole Embryo Culture using the Rotator-type Bottle Culture System

Masanori Takahashi¹, Noriko Osumi^{1,2}

¹Division of Developmental Neuroscience, United Centers for Advanced Research and Translational Medicine (ART), Tohoku University Graduate School of Medicine

²The Core Research for Evolutional Science and Technology (CREST), Japan Science and Technology Corporation (JST)

Correspondence to: Noriko Osumi at osumi@med.tohoku.ac.jp

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Materials

Name	Type	Company	Catalog Number	Comments
WEC system (10-0310)	Tool	Ikemoto Rika	010-0310	Another small model is also available.
Silicon plug without a hole	Tool	Ikemoto Rika	010-032-08	
Gas mixture cylinder	Tool	Nikko Sanso	-	Containing 95% oxygen & 5% carbon dioxide. Custom order.
Gas regulator	Tool	Ono Seisakusho	WR-11	
0.22 µm filter Millex GS	Tool	EMD Millipore	SLGS033SS	
Large scissors	Tool	Napox	B-7H	
Forceps	Tool	Napox	A-3-2	
Disposal Petri dish (90 mm x 15 mm)	Tool	Iwaki, Asahi Techno Glass Corp.	SH90-15	Deep-type dish is the best for dissection.
Isoflurane	Reagent	Abbott Laboratories	B506	For anesthesia
Pentobarbital sodium	Reagent	Merck & Co.	-	For anesthesia
Tyrode's saline	Reagent			According as the protocol in Ref. 2. Save at 4°C.
Timed-pregnant Sprague-Dawley rat	Animal	Charles River Laboratories	-	
Culture glass bottle	Tool	Ikemoto Rika	010-032-05	
Disposal culture bottle	Tool	Ikemoto Rika	010-032-06	
Silicon plug with hole	Tool	Ikemoto Rika	010-032-07	
Aluminum foil	Tool	Any Supplier	-	
Autoclaving bag	Tool	Hogy	HM-26	For culture bottles
Autoclaving bag	Tool	Hogy	HM-14A	For silicon plugs
0.45 µm filter Millex HA	Tool	EMD Millipore	SLHA033SS	
50 ml conical tube	Tool	BD Biosciences	352070	
100 ml beaker	Tool	Iwaki, Asahi Techno Glass Corp.	TE-32	
Rat IC serum	Reagent	Charles River Laboratories	-	Refer to: Mr. Kunihiro Morisaki, TEL: +81-(0) 45-474-9336; FAX: +81-(0) 45-474-9340
D(+)-Glucose	Reagent	Wako Pure Chemical Industries, Ltd.	041-00595	
Antibiotic-antimycotic liquid	Reagent	GIBCO, by Life Technologies	15240	

Ophthalmic straight scissors	Tool	Napox	MB50-7	For cutting the uterine wall
Ophthalmic curved scissors	Tool	Napox	MB54-2	For cutting the yolk sac
Forceps #5	Tool	Vigor	T6715	
Forceps #5F	Tool	Regine	T6819	
Glass pipette	Tool			Made by hand using Pasteur pipette.
Autoclaving bag	Tool	Hogy	HM-4	For glass pipettes
Binocular microscope	Tool	Leica Microsystems	Mz7s	
Light	Tool	Leica Microsystems	CLS 150XD	
Oil stone	Tool	Uchida Yoko	833-2000	For sharpening of forceps
Machine oil	Tool	Uchida Yoko	835-0000	For sharpening of forceps