

Materials List for:

Isolation and Culture of Primary Neurons and Glia from Adult Rat Urinary Bladder

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Materials

Name	Company	Catalog Number	Comments
0.25% trypsin	Gibico	15050065	Enzyme digestion
48-well culture plate	Corning	3548	Coating dish
antibiotic/antimycotic	Gibico	15240062	Culture media/Rinse media
Anti-Glial Fibrillary Acidic Protein Antibody	Santa Cruz	sc-33673	ICC
B-27	Gibico	17504044	Culture media
BSA Fraction V	Gibico	332	Enzyme digestion
Choline Acetyltransferase Antibody	Abcam	ab18736	ICC
CO2 Incubator	Heraeus	B16UU	Cells culture
Collagenase type II	Sigma	2593923	Enzyme digestion
DMEM/F-12	Gibico	11330032	Rinse media
DYNLL2 Antibody	Santa Cruz	sc-13969	ICC
Fetal Bovine Serum	Gibico	10100147	Culture media/Rinse media
Forceps	Shanghai Jin Zhong Medical Devices	1383	10 cm; Sterile operation
Glass breakers	Huan Qiu Medical Devices	1101	50 ml; Sterile operation
Glass coverslips	WHB Scientific	WHB-48-CS	Coating dish
Glass dishes	Huan Qiu Medical Devices	1177	100 mm; Sterile operation
Goat Anti-Rat IgG(H+L), Mouse ads-Alexa Fluor 488	Southernbiotech	3050-30	ICC
Goat Anti-Rat IgG(H+L), Mouse ads-Alexa Fluor 555	Southernbiotech	3050-30	ICC
Hoechst 33342	BD	561908	ICC
Laminar flow bench	Su Jie Medical Devices	CB 1400V	Sterile operation
Laminin	Sigma	L2020	Coating dish
L-glutamine	Gibico	25030081	Culture media
MAP-2 Antibody	Affinity	AF5156	ICC
Murine GDNF	Peptotech	AF45044	Culture media
Neurobasal-A Medium	Gibico	10888022	Culture media
Ophthalmic scissors	Shanghai Jin Zhong Medical Devices	J21010	12.5 cm; Sterile operation
Pipettes	Eppendorf	3120000240	100-1000 ul; Reagent and sample pipetting

Pipettes	Eppendorf	3120000267	10-100 ul; Reagent and sample pipetting
Poly-D-lysine	Sigma	P7280	Coating dish
Refrigerated centrifuge	Ping Fan Instrument	TGL-16A	Enzyme digestion
Shaking incubator	Haimen Kylin-Bell Lab Instruments	T8-1	Enzyme digestion
SLC17A9 Antibody	MBL International	BMP079	ICC
Spoons nucleus divider	Shanghai Jin Zhong Medical Devices	YZR030	12 cm; Sterile operation
Substance P Antibody	Santa Cruz	sc-58591	ICC
Surgical scissors	Shanghai Jin Zhong Medical Devices	J21130	16 cm; Sterile operation
Surgical towel	Fu Kang Medical Devices	5002	40 x 50 cm; Sterile operation
Synapsin-1 Antibody	CST	5297T	ICC
Tubulin beta Antibody(β -III-tubulin)	Affinity	AF7011	ICC