

Materials List for:

Demonstration of Proteolytic Activation of the Epithelial Sodium Channel (ENaC) by Combining Current Measurements with Detection of Cleavage Fragments

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Materials

Name	Company	Catalog Number	Comments
Equipment			
Bath clamp headstage for OC-725C-V	Warner Instrument Corporation		
Cold light source - Schott KL 1500 LCD	Schott	#SCOC150200EU	brightness 4; mechanical aperture: D; color temperature: 3,000 K
E Series electrode holder (Str, Vent, Ag Wire, 1.2 mm)	ADInstruments	#ESW-F10v	
Left micromanipulator; MM-33L	Warner Instrument Corporation	#64-0055	
LIH 1600 - computer interface	HEKA		
Magnetic valve system (ALA BPS-8) in combination with a TIB14 interface (HEKA)	ALA Scientific Instruments, HEKA		
OC-725C amplifier for two-electrode voltage-clamp recordings	Warner Instrument Corporation		
P-97 FLAMING/BROWN Micropipette Puller	Sutter Instruments		heat = 550; velocity = 22; time = 200
Right micromanipulator; MM-33R	Warner Instrument Corporation	#64-0056	
Series electrode holder (45°, Vent, Handle, Ag Wire, 1.2 mm)	ADInstruments	#E45w-f10vh	
STAT 2 IV gravity flow controller	Conmed	#P-S2V-60	
Vacuum generator ejector SEG - for suction to remove bath solution	Schmalz		
INFUJECT 60 ml pump syringes for solutions	Braun	#22050	
Injekt-F for lysing the oocytes	Braun	#9166033V	
Standard wall borosilicate tubing with filament	Sutter Instruments	#BF150-86-10	outside diameter: 1.5 mm; inside diameter: 0.86 mm; length: 10 cm
Complete, Mini, EDTA-free protease inhibitor cocktail tablets	Roche Applied Science	#11836170001	
EZ-Link Sulfo-NHS-Biotin	Thermo Scientific	#21217	
Horseradish peroxidase-labeled secondary goat anti-rabbit antibody	Santa Cruz Biotechnology	#sc-2004	
NeutrAvidin Agarose	Thermo Scientific	#29200	Neutravidin-labeled agarose beads
NP40 (Nonidet P-40)	Sigma-Aldrich	#I8896	
Roti-Load 1 (2x SDS-PAGE sample buffer)	Carl Roth	#K929.2	
SuperSignal West Femto Chemiluminescent Substrate for	Thermo Scientific	#34095	

detection of chemiluminescent signals			
Triton-X-100	Sigma-Aldrich	#T8787	