

Materials List for:

Receptor Autoradiography Protocol for the Localized Visualization of Angiotensin II Receptors

Andrea Linares¹, Leena E. Couling², Eduardo J. Carrera³, Robert C. Speth²

¹Farquhar College of Arts and Sciences, Nova Southeastern University

²Department of Pharmaceutical Sciences, College of Pharmacy, Nova Southeastern University

³School of Medicine, University of Colorado

Correspondence to: Robert C. Speth at rs1251@nova.edu

URL: <https://www.jove.com/video/53866>

DOI: [doi:10.3791/53866](https://doi.org/10.3791/53866)

Materials

Name	Company	Catalog Number	Comments
500 ml Plastic Beakers	Fisher	02-591-30	
24 mm x 60 mm Coverslips	Fisher	22-050-25	
Autoradiography Imaging Film 24 mm x 30 cm	Carestream-Biomax MR Film	891-2560	
Bacitracin (from Bacillus licheniformis)	Sigma	B-0125	
Cardboard Sheet 8 x 11	Crescent Illustration Board #201	201	
Coplin Jars	Fisher Scientific	E94	
Commercial hair dryers	Conair	Model SD6X	
Disposable Culture Tubes	Fisher	14-961-26	
EDTA (Disodium salt, Dihydrate)	USB Corporation	15-699	
Ethanol	Fisher	16-100-210	
Formulary Substitute for D-19 Developer	Photographers Formulary, Inc.	01-0036	
Glacial Acetic Acid	Fisher	A38 SI-212	
Histoprep/OCT	Fisher	SH75-125D	
Film Fixer	Kodak	5160320	
Photo flo	Kodak	1464502	
Losartan	Fisher/Tocris	37-985-0	
MCID™ Core 7.0	MCID	N/A	
NaCl	Fisher	S271	
Peel-A-Way slide grips	VWR	48440-003	
Permunt	Fisher	SP15-100	
PD123319	Fisher	13-615-0	
Premium Charged Slides, Fine Ground Edge	Premiere Microscope Slides	9308W	
¹²⁵ I Ligands	Perkin Elmer	NEX- 248	
¹²⁵ SI-Ang II	George Washington University	Radioiodinated by Dr. Speth	
Slide Mailers	Fisher Scientific	HS15986	
Sodium Dibasic Phosphate Anhydrous (Na ₂ PO ₄)	Fisher	RDSC0750500	
Sodium Acetate (Anhydrous)	Fisher	BP333-500	
Thionin	Fisher	T409-25	
X-Ray Cassette (10 x 12)	Spectronics Corporation	Four Square	

Xylene	Fisher	X3P-1GAL	
--------	--------	----------	--