

Materials List for:

Autoradiography As a Simple and Powerful Method for Visualization and Characterization of Pharmacological Targets

Nane Griem-Krey¹, Anders Bue Klein¹, Matthias Herth^{1,2,3}, Petrine Wellendorph¹

¹Department of Drug Design and Pharmacology, Faculty of Health and Medical Sciences, University of Copenhagen

²Neurobiology Research Unit and CIMBI, Copenhagen University Hospital

³Department of Clinical Physiology, Nuclear Medicine & PET, Copenhagen University Hospital

Correspondence to: Petrine Wellendorph at pw@sund.ku.dk

URL: <https://www.jove.com/video/58879>

DOI: [doi:10.3791/58879](https://doi.org/10.3791/58879)

Materials

Name	Company	Catalog Number	Comments
Absolute ethanol	Merck Millipore	107017	
Acetic acid	Sigma-Aldrich	A6283	
BAS-TR2040 Imaging Plate	GE Healthcare Life Science	28956481	20x40 cm - Sensitive to tritium
Cresyl violet acetate	Sigma-Aldrich	C5042-10G	
DPX (non-aqueous mounting medium for microscopy)	Merck Millipore	100579	
O.C.T. Compound, 12 x 125 mL	Sakura	4583	Tissue-Tek
Paraformaldehyde	Sigma-Aldrich	16005-1KG-R	
Superfrost Plus slides	VWR	631-9483	microscope slides
Tissue-Tek Manual Slide Staining Set	Sakura Finetek Denmark ApS	4451	
Tritium Standard on Glas	American Radiolabeld Chemicals, Inc.	ART 0123	
Xylene substitute	Sigma-Aldrich	A5597	