

Materials List for

Rapid Golgi Stain for Dendritic Spine Visualization in Hippocampus and Prefrontal Cortex

Maya Frankfurt^{1,2}, Rachel Bowman²

¹Department of Science Education, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell ²Department of Psychology, Sacred Heart University

Corresponding Author

Maya Frankfurt
maya.frankfurt@hofstra.edu

Citation

Frankfurt, M., Bowman, R. Rapid Golgi Stain for Dendritic Spine Visualization in Hippocampus and Prefrontal Cortex. *J. Vis. Exp.* (178), e63404, doi:10.3791/63404 (2021).

Date Published

December 3, 2021

DOI

10.3791/63404

URL

jove.com/video/63404

Materials

Name	Company	Catalog Number	Comments
Cardboard slides trays	Fisher Scientific	12-587-10	
Coverslips 24 x 60mm	Fisher Scientific	12-545-M	
FD Rapid GolgiStain kit	FD Neurotechnologies	PK 401	Stable at RT in the dark for months; Golgi staining kit
Freezing Spray	Fisher Scientific	23-022524	
HISTO-CLEAR	Fisher Scientific	50-899-90147	clearing agent
NCSS Software	Kaysville, UT, USA		
Permount	Fisher Scientific	SP-15-100	mounting medium
Superfrost Plus Microscope slides	Fisher Scientific	12-550-15	
Tissue Tek CTYO OCT Compound	Fisher Scientific	14-373-65	Used to mount brains on cryostat chuck