

Materials List for:

# Labeling and Imaging of Amyloid Plaques in Brain Tissue Using the Natural Polyphenol Curcumin

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URL: <https://www.jove.com/video/60377>

DOI: [doi:10.3791/60377](https://doi.org/10.3791/60377)

## Materials

Name	Company	Catalog Number	Comments
4',6-diamidino-2-phenylindole (DAPI)	IHC world, Woodstock, MD		
Aanimal model of Alzheimer's disease	Jackson's laboratory, Bar Harbor, ME		
Absolute alcohol	VWR,Radnor, PA		
Alexa 594	Santacruz Biotech, Dallas, TX		
Antibody 6E10	Biologend, San Diego, CA		
Antibody A11	Millipore, Burlington, MA		
Compound light microscope	Olympus, Shinjuku, Japan	Olympus BX51	
Congo red	Sigma, St. Louis, MO		
Cryostat	GMI, Ramsey, MN	LeicaCM1800	
Curcumin	Sigma, St. Louis, MO		
Disodium hydrogen phosphate	Sigma, St. Louis, MO		
Dystyrene plasticizer xylene	BDH, Dawsonville, GA		
Filter papers	Fisher scientific, Pittsburgh, PA		
Hoechst-33342	Sigma, St. Louis, MO		
Inverted fluorescent microscope	Leica, Buffalo Grove, IL	Leica DMI 6000B	
Inverted fluorescent microscope	Olympus, Shinjuku, Japan	Olympus 1x70	
Normal goat serum	Sigma, St. Louis, MO		
Paraffin	Sigma, St. Louis, MO		
Paraformaldehyde	Sigma, St. Louis, MO		
Ploy-lysine coated charged glass slide	Globe Scientific Inc, Mahwah, NJ		
Potassium chloride	Sigma, St. Louis, MO		
Potassium dihydrogen phosphate	Sigma, St. Louis, MO		
Sodium azide	Sigma, St. Louis, MO		
Sodium chloride	Sigma, St. Louis, MO		
Sodium hydroxide	EMD Millipore, Burlington, MA		
Sodium pentobarbital	Vortex Pharmaceuticals limited, Dearborn, MI		
Thioflavin-S	Sigma, St. Louis, MO		
Triton-X-100	Sigma, St. Louis, MO		

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Xylene	VWR,Radnor, PA		
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