

Materials List for:

Visualization of Amyloid β Deposits in the Human Brain with Matrix-assisted Laser Desorption/Ionization Imaging Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
Cryostat	Leica Microsystems, Wetzlar, Germany	CM1950	
Indium tin oxide (ITO)-coated microscope glass slide	Bruker Daltonics	#237001	
Blade (disposable)	Leica Microsystems, Wetzlar, Germany	#117394	
O.C.T. Compound	Leica Microsystems, Wetzlar, Germany	FSC 22 Blue	
Scanner	EPSON	GT-980	
Air-Brush	GSI Creos	PS274	
Compressor	MRHOBBY	Mr.Linear compressor L5	
Ultrasonic sprayer	Bruker Daltonics	ImagePrep	
Automatic sprayer	HTX Technologies	TM Sprayer	
Confocal-laser-scanning-microscope	Carl Zeiss Inc.	LSM 700	
Ultra high speed MALDI instrument	Bruker Daltonics	rapifleX MALDI Tissue typer	
MALDI control software	Bruker Daltonics	FlexControl 3.8	
Data analysis software	Bruker Daltonics	FlexImaging 5.0	
Molecular histology software	SciLS, Bremen, Germany	SciLS Lab 2016a	
Statistical software	SciLS, Bremen, Germany	SciLS Lab 2016a	
Sinapinic acid (SA)	Nacalai tesque	30494-91	
Alpha-Cyano-4-hydroxyl-cinnamic acid (CHCA)	Wako	037-19261	
Calibration standard	Bruker Daltonics		
Biotinylated anti-mouse IgG antibodies	Vector Laboratories, Inc., Burlingame, CA		
Biotinylated anti-rabbit IgG antibodies	Vector Laboratories, Inc., Burlingame, CA		
Avidin and biotinylated HRP complex.	Vector Laboratories, Inc., Burlingame, CA	Vectastain Elite ABC kit	
3,3-diaminobenzidine (DAB)	Vector Laboratories, Inc., Burlingame, CA	Vectastain Elite ABC kit	