

Materials List for:

Analysis of β -Amyloid-induced Abnormalities on Fibrin Clot Structure by Spectroscopy and Scanning Electron Microscopy

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Materials

Name	Company	Catalog Number	Comments
Fibrinogen, Plasminogen-Depleted, Plasma	EMD Millipore	341578	keep lid parafilm wrapped to avoid exposure to moisture
Beta-Amyloid (1-42), Human	Anaspec	AS-20276	
Thrombin from human plasma	Sigma-Aldrich	T7009	
1,1,1,3,3,3-Hexafluoro-2-propanol, Greater Than or Equal to 99%	Sigma-Aldrich	105228	
DIMETHYL SULFOXIDE (DMSO), STERILE-FILTERED	Sigma-Aldrich	D2438	
Pierce BCA Protein Assay Kit	Thermo Scientific	23225	
Tris Base	Fischer Scientific	BP152	
HEPES	Fischer Scientific	BP310	
NaCl	Fischer Scientific	S271	
CaCl ₂	Fischer Scientific	C70	
Filter Syringe, 0.2 μ M, 25mm	Pall	4612	
Millex Sterile Syringe Filters, 0.1 μ m, PVDF, 33 mm dia.	Millipore	SLVV033RS	
Solid 96 Well Plates High Binding Certified Flat Bottom	Fischer Scientific	21377203	
Spectramax Plus384	Molecular Devices	89212-396	
Centrifuge, 5417R	Eppendorf	5417R	
Branson 200 Ultrasonic Cleaner	Fischer Scientific	15-337-22	
Lab Rotator	Thermo Scientific	2314-1CEQ	
Spare washers for cover slip holder	Tousimis	8766-01	
Narrow Stem Pipets - Sedi-Pet	Electron Microscopy Sciences (EMS)	70967-13	
Sample holder for CPD (Cover slip holder)	Tousimis	8766	
Mount Holder Box, Pin Type	Electron Microscopy Sciences (EMS)	76610	
Round glass cover slides (12 mm)	Hampton Research	HR3-277	
10% Glutaraldehyde	Electron Microscopy Sciences (EMS)	16120	
Ethanol	Decon Labs	11652	
24 well plate	Falcon	3047	

Na Cacodylate	Electron Microscopy Sciences (EMS)	11652	
SEM Stubs, Tapered end pin.	Electron Microscopy Sciences (EMS)	75192	
PELCO Tabs, Carbon Conductive Tabs, 12mm OD	Ted Pella	16084-1	
Autosamdri-815 Critical Point Dryer	Tousimis		
Denton Desk IV Coater with Gold/Palladium target	Denton Vacuum		
Leo 1550 FE-SEM	Carl Zeiss		
Smart SEM Software	Carl Zeiss		