

Materials List for:

A High Throughput, Multiplexed and Targeted Proteomic CSF Assay to Quantify Neurodegenerative Biomarkers and Apolipoprotein E Isoforms Status

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Materials

Name	Company	Catalog Number	Comments
Acetonitrile (ACN), LC-MS grade	Fisher	A955-1	
Formic acid, LC-MS grade,	Fisher	A117-50	
Dithiothreitol (DTT)	Sigma	D5545 - 5 g	
Hydrochloric acid, 37% w/w	VWR	BDH3028 - 2.5 LG	
Iodoacetamide	Sigma	I1149 - 5 g	
Sodium hydroxide (NaOH)	Fisher	S318-500	
Trypsin, sequencing grade, modified	Promega	V5113	
Trifluoroacetic acid (TFA), LC-MS grade	Fisher	A116-50	
Urea	Sigma	U0631- 500 g	
Water, LC-MS ULTRA Chromasolv	Fluka	14263	
Custom synthesised peptides desalted 1-4 mg	Genscript	custom	
heavy labeled amino acid [¹³ C; ¹⁵ N] custom peptides	Genscript	custom	
ASB 14	Merck Millipore	182750 - 25 g	
Thiourea	Sigma	T7875 - 500 g	
Tris base	Sigma	T6066	
VanGuard precolumn	Waters	186007125	
Cortecs UPLC C18 + 1.6 µm 2.1 x 50 mm column	Waters	186007114	
Yeast Enolase	Sigma	E6126	
300 µl clear screw top glass vials	Fisher scientific	03-FISV	
Y slit screw caps	Fisher scientific	9SCK-(B)-ST1X	
Freeze dryer	Edwards Mudulyo	Mudulyo system	
Concentrator/Speed vacum	Eppendorf	concentrator plus 5301	
Xevo -TQ-S mass spectrometer	Waters		

Acquity UPLC system	Waters		
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