

Materials List for:

Sample Preparation for Endopeptidomic Analysis in Human Cerebrospinal Fluid

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URL: <https://www.jove.com/video/56244>

DOI: [doi:10.3791/56244](https://doi.org/10.3791/56244)

Materials

Name	Company	Catalog Number	Comments
1 M Triethylammonium bicarbonate	Fluka, Sigma-Aldrich	17902-100ML	TEAB
8 M Guanidinium hydrochloride	Sigma-Aldrich	G7294-100ML	GdnHCl
Tris(2-carboxyethyl)phosphine hydrochloride	Pierce	20490	TCEP
Iodoacetamide	SIGMA	I1149-5G	IAA
Hydroxylamine 50% (w/w)	Sigma-Aldrich	457804-50ML	
Acetonitrile, Far UV, HPLC gradient grade	Sigma-Aldrich	271004-2L	AcN
Formic acid	Fluka, Sigma-Aldrich	56302-1mL-F	FA
Trifluoroacetic acid	Sigma-Aldrich	T6508-10AMP	TFA
Ammonium hydroxide solution	Sigma-Aldrich	30501-1L-1M	NH ₄ OH
Amicon Ultra-15 Centrifugal Filter Unit with Ultracel-30 membrane	Merck Millipore	UFC903024	MWCO-filter
Sep-Pak C18, 100 mg	Waters	WAT023590	SPE-column
Resprep 12-port SPE Manifold	Restek	26077	Vacuum manifold
TMT10plex Isobaric Label Reagent Set	Thermo Fisher Scientific	90110	TMT10plex
UltiMate 3000 RSLCnano LC System	Dionex	5200.0356	Online sample separation
Ultimate 3000 RPLC Rapid Separation Binary System	Dionex	IQLAAAGABHFAPBMBEZ	Offline high-pH fractionation
Orbitrap Fusion Tribrid mass spectrometer	Thermo Scientific	IQLAAEGAAPFADBMBCX	Mass spectrometer for sample analysis
Proteome Discoverer 2.0	Thermo Fisher Scientific	IQLAAEGABSFBJMAUH	Proteomics search platform
Mascot v2.4	Matrix Science	-	Proteomics search engine
Sequest HT	Thermo	-	Proteomics search engine
PEAKS v7.5	Bioinformatic Solutions Inc.)	-	Proteomics search engine
Acclaim PepMap 100, 75 µm x 2 cm, C ₁₈ , 100 Å pore size, 3 µm particle size	Thermo Fisher Scientific	164535	Trap column (nano HPLC)
Acclaim PepMap C18, 75 µm x 500 mm, 100Å pore size, 2 µm particle size	Thermo Fisher Scientific	164942	Separation Column (nano HPLC)
Savant SpeedVac High Capacity Concentrators	Thermo Fisher Scientific	SC210A-230	SpeedVac/Vacuum concentrator

XBridge Peptide BEH C18 Column, 130Å, 3.5 µm, 2.1 mm X 250 mm	Waters	186003566	Separation Column (micro HPLC)
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