

Multiplexing Iduronate-2-Sulphatase (MPS-II) into a 7-Plex Lysosomal Storage Disorder MS/MS Assay Using Cold-Induced Phase Separation

Elya Courtney ¹, C. Austin Pickens, Carla Cuthbert, and Konstantinos Petritis*

¹ Centers for Disease Control and Prevention; ECourtney2@cdc.gov

* Correspondence: K. Petritis, kpetritis@cdc.gov

Supplementary Material

Product	Vendor	Location	Product Number
6-Plex S&IS	PerkinElmer®	Hopkinton, MA, USA	CCM05458Y000EA Lot#: 20210902
I2S S&IS	PerkinElmer®	Hopkinton, MA, USA	4400-0010 Lot#: 20210802
96-well plate	VWR	Radnor, PA, USA	9444-104
LiChrosolv® EtOAc	VWR	Radnor, PA, USA	1.03649.1000
Optima LC/MS Water	Fisher	Waltham, MA, USA	W6-4
Optima LC/MS Acetonitrile	Fisher	Waltham, MA, USA	A955-4
Optima LC/MS Methanol	Fisher	Waltham, MA, USA	A456-4
Foil Seals	Biosero	San Diego, CA, USA	STA3100006
LC/MS Formic Acid	Thermo Scientific	Waltham, MA, USA	85178
XSelect CSH UPLC Column	Waters™	Milford, MA, USA	186005296
XSelect CSH Guard Column	Waters™	Milford, MA, USA	186005303
TargetLynx	Waters™	Milford, MA, USA	Version 4.2
Skyline - open source	Seattle Quant	Seattle, WA, USA	V 20.1.0.155
Centrifuge – Tina 380R	Hettich	Tuttlingen, Germany	1706-01
Incubator Shaker – MaxQ 4450	Thermo Scientific	Waltham, MA, USA	No longer sold
N2 Plate Dryer – SPE Dry 96 Dual	Biotage®	Charlotte, NC, USA	SD2-9600-DHS-NA

Supplement Table S1: List of products with vendor information and product numbers for relevant chemicals, materials, equipment, and software.