

Materials List for:

# Standards for Quantitative Metalloproteomic Analysis Using Size Exclusion ICP-MS

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## Materials

Name	Company	Catalog Number	Comments
Agilent 1290 Infinity Binary Pump	Agilent	G4220A	
Agilent 1290 Infinity Autosampler	Agilent	G4226A	
Agilent 1200 Series Autosampler Thermostat	Agilent	G1330B	
Agilent 1290 Infinity Thermostatted Column Compartment	Agilent	G1316C	
Agilent 1290 Infinity Variable Wavelength Detector	Agilent	G1314E	
Agilent 7700 ICP-MS	Agilent	G3282A	
Ammonium hydroxide trace metal basis	Sigma	338818	
Ammonium nitrate	Sigma	256064	Make fresh 200mM solution on day of experiment
Antimony	Choice analytical	10002-3	
Ceruloplasmin	Sigma		
Cesium	Choice analytical	100011-1	
Complete, EDTA free protease inhibitors	Roche	11873580001	
Conalbumin	Sigma	C7786	
Concanavalin A from Canavalia ensiformis (Jack bean)	Sigma	L7647	
Cu, Zn Superoxide dismutase	Sigma	S9697	
Ferritin	Sigma	F4503	
ICP-MS multielemental calibration standards	AccuStandard		Made up to required concentrations in 1% nitric acid
Microvolume UV spectrophotometer	Thermo Scientific		
65% Nitric acid	Millipore	100441	Diluted to 1% for use
Peek tubing	Agilent	5042-6461	
Size exclusion column BioSEC-3 PLC. column, 4.6 x 300 mm, 3 µm, 150 Å	Agilent	5190-2508	
Sodium Chloride	Chem Supply	SA046	
Tris Hydrochloride	ICN Biomedicals inc.	103130	
Thyroglobulin	Sigma	T9145	
Vitamin B12	Sigma	V2876	