

Materials List for:

# Peptide and Protein Quantification Using Automated Immuno-MALDI (iMALDI)

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## Materials

Name	Company	Catalog Number	Comments
Healthy control human plasma	Bioreclamation	HMPLEDTA2	
Ammonium bicarbonate	Sigma Aldrich	09830	
Ammonium citrate dibasic	Sigma Aldrich	09833	
CHAPS (>=98%)	Sigma Aldrich	C9426	
Albumin from chicken egg white (>98%)	Sigma Aldrich	A5503	
Ethylenediaminetetraacetic acid	Sigma Aldrich	EDS	
Alpha-cyano-4-hydroxycinnamic acid	Sigma Aldrich	70990	
Phosphate buffered saline	Sigma Aldrich	P4417	
Phenylmethanesulfonyl fluoride	Sigma Aldrich	78830	
Trifluoroacetic acid	Thermo Fisher Scientific	85172	LC-MS grade
acetonitrile	Fluka	34967	LC-MS grade
water	Fluka	39253	LC-MS grade
acetic acid	Fluka	320099	LC-MS grade
Tris(hydroxymethyl)aminomethane	Roche Diagnostics	3118169001	
Dynabeads Protein G magnetic beads	Thermo Fisher Scientific	10003D	2.8 µm, 30 mg/mL
anti-Ang I goat polyclonal antibody	Santa Cruz Biotechnology	sc-7419	
Nat and SIS Ang I	synthesized at the University of Victoria-Genome BC Proteomics Centre		
Automated liquid handling system	Agilent	16050-102	Agilent Bravo robotic workstation
Magnet	Thermo Fisher Scientific	12321D	Invitrogen DynaMag-2 magnet
Tube rotator	Theromo Scientific	400110Q	Labquake Tube Rotator
Magnet	Thermo Fisher Scientific	12027	DynaMag-96 side skirted magnet
Magnet	VP Scientific	771RM-1	used to pull the beads to the bottom of the well
MALDI-TOF	Bruker		Bruker Microflex LRF instrument