

Supplementary Information

Determination of the concentration range for 267 proteins from 21 lots of commercial human plasma using highly multiplexed multiple reaction monitoring mass spectrometry

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Supplementary Table 1. MRM peptides used for the quantitation of 267 human plasma proteins. Based on current scientific knowledge and the UniProt database, all peptides are unique to their respective protein unless specified otherwise and indicated by the presence of more than one UniProt ID in the table below.

UniProt ID	Protein	Peptide
P04196	Histidine-rich glycoprotein	ADLFYDVEALDLESPK
P07204	Thrombomodulin	SSVAADVISLLLNGDGGVGR
P11597	Cholesteryl ester transfer protein	GVSLFDIINPEIITR
P09104	Gamma-enolase	YITGDQLGALYQDFVR
P01138	Beta-nerve growth factor	TTATDIK
P35542	Serum amyloid A-4 protein	GNYDAAQR
Q8NDB2	B-cell scaffold protein with ankyrin repeats	LTIVHHPGGK
P10809	60 kDa heat shock protein mitochondrial	GIIDPTK
P08253	72 kDa type IV collagenase	IDAVYEAPQEEK
P11021	78 kDa glucose-regulated protein	ITPSYVAFTPEGER
O95450	A disintegrin and metalloproteinase with thrombospondin motifs 2	IILLSY GK
P59510	A disintegrin and metalloproteinase with thrombospondin motifs 20	IPAGATNVDIR
Q9P2N4	A disintegrin and metalloproteinase with thrombospondin motifs 9	LYNPDVR
P62736 P68032 P60709 P63267 Q562R1 Q9BYX7 Q6S8J3 A5A3E0 P68133 P02760	Actin, aortic smooth muscle	SYELPDGQVITIGNER
Q8IZF2	Adhesion G protein-coupled receptor F5	DVIVHPLPLK
Q9HDC9	Adipocyte plasma membrane-associated protein	LLEYDTVTR
Q15848	Adiponectin	IFYNQNHVDGSGTK
P35318	ADM	LDVASEFR
P43652	Afamin	DADPDTFFAK
P02763	Alpha-1-acid glycoprotein 1	NWGLSVYADKPETTK
P01011	Alpha-1-antichymotrypsin	EIGELYLPK
P01009	Alpha-1-antitrypsin	SVLGQLGITK
P04217	Alpha-1B-glycoprotein_VAR_018369	LETPDFQLFK
P08697	Alpha-2-antiplasmin	LGNQEPGGQTALK
P02765	Alpha-2-HS-glycoprotein	FSVVYAK
P01023	Alpha-2-macroglobulin	AIGYLNTGYQR
P03950	Angiogenin	DINTFIHGK
Q9Y5C1	Angiopoietin-related protein 3	DLVFSTWDHK
P01019	Angiotensinogen	ALQDQLVLA AK
P01008	Antithrombin-III	DDLIVS DAFHK
P02647	Apolipoprotein A-I	ATEHLSTLSEK
P02652	Apolipoprotein A-II	SPELQAEAK
P06727	Apolipoprotein A-IV	LGEVNTYAGDLQK
P04114	Apolipoprotein B-100	FPEVDVLTK
P02654	Apolipoprotein C-I	EFWFSETFQK

P02655	Apolipoprotein C-II	TYLPAVDEK
P02656	Apolipoprotein C-III	GWVTDGFSSLK
P55056	Apolipoprotein C-IV	ELLETVVNR
P05090	Apolipoprotein D	NILTSNNIDVK
P02649	Apolipoprotein E	LGPLVEQGR
Q13790	Apolipoprotein F	SGVQQLIQYYQDQK
O14791	Apolipoprotein L1	VAQELEEK
O95445	Apolipoprotein M	AFLLTPR
P08519	Apolipoprotein(a)	GYSTTVTGR
P11511	Aromatase	NMLEMIFTPR
P16066	Atrial natriuretic peptide receptor 1	ITDYGLESFR
O75882	Attractin	SVNNVVVR
Q8WXX7	Autism susceptibility gene 2 protein	ALSLASSGSDK
P02749	Beta-2-glycoprotein 1	ATVVYQGER
P61769	Beta-2-microglobulin	VNHVTLSPK
Q96KN2	Beta-Ala-His dipeptidase	ALEQDLPVNIK
P43251	Biotinidase	SHLIIAQVAK
P04003	C4b-binding protein alpha chain	EDVYVVGTVLR
P55290	Cadherin-13	INENTGSVSVTR
P33151	Cadherin-5	ELDSTGTPTGK
P06881	Calcitonin gene-related peptide 1	NNFVPTNVGSK
P01258	Calcitonin	FHTFPQTAIGVGAPGK
P51911	Calponin-1	VNVGVK
P00915	Carbonic anhydrase 1	VLDALQAIK
Q96IY4	Carboxypeptidase B2	IAWHVIR
P15169	Carboxypeptidase N catalytic chain	SIPQVSPVR
P22792	Carboxypeptidase N subunit 2	AGGSWDLAVQER
Q9NQ79	Cartilage acidic protein 1	GVASLFAGR
P49913	Cathelicidin antimicrobial peptide	AIDGINQR
P11717	Cation-independent mannose-6-phosphate receptor	GHQAFDVGQPR
P29965	CD40 ligand	SQFEGFVK
P16070	CD44 antigen	YGFIEGHVVIPR
O43866	CD5 antigen-like	LVGGLHR
B7Z2X4	cDNA FLJ53327, highly similar to Gelsolin (NOT REVIEWED)	EGGQTAPASTR
P00450	Ceruloplasmin	IYHSHIDAPK
P06276	Cholinesterase	YLTLNTESTR
P10645	Chromogranin-A	ELQDLALQGAK
O00501	Claudin-5	PDLSPVK
P10909	Clusterin	ELDESLQVAER
P00740	Coagulation factor IX	SALVLQYLR
P12259	Coagulation factor V	AEVDDVIQVR
P08709	Coagulation factor VII	VSQYIEWLQK
P00451	Coagulation factor VIII	LHPHYSIR

P00742	Coagulation factor X	MLEVPYVDR
P03951	Coagulation factor XI	TSEGLPSTR
P00748	Coagulation factor XII	EQPPSLTR
P00488	Coagulation factor XIII A chain	GTYIPVPIVSELQSGK
P05160	Coagulation factor XIII B chain	IQTHSTTYR
P02452	Collagen alpha-1(I) chain	GVVGLPGQR
P02461	Collagen alpha-1(III) chain	GGAGPPGPEGGK
P39060	Collagen alpha-1(XVIII) chain	AVGLAGTFR
P08123	Collagen alpha-2(I) chain	GVVGPQGAR
P02745	Complement C1q subcomponent subunit A	PAFSAIR
P02746	Complement C1q subcomponent subunit B	IAFSATR
P02747	Complement C1q subcomponent subunit C	FQSVFTVTR
P00736	Complement C1r subcomponent	GLTLHLK
Q9NZP8	Complement C1r subcomponent-like protein	VVVHPDYR
P09871	Complement C1s subcomponent	TNFDNDIALVR
P06681	Complement C2	HAFILQDTK
P01024	Complement C3	TGLQEVEVK
P01031	Complement C5	VFQFLEK
P13671	Complement component C6	DLHLSDVFLK
P10643	Complement component C7	AASGTQNNVLR
P07357	Complement component C8 alpha chain	MESLGITSR
P07358	Complement component C8 beta chain	SDLEVAHYK
P02748	Complement component C9	LSPIYNLVPVK
P00751	Complement factor B	EELPAQDIK
P00746	Complement factor D	THHDGAITER
P05156	Complement factor I	VFSLQWGEVK
P0C0L4 P0C0L5	Complement_C4	VLSLAQEQVGGSPK
P08185	Corticosteroid-binding globulin	WSAGLTSSQVDLYIPK
P02741	C-reactive protein	AFVFPK
P12277	Creatine kinase B-type	DLFDPIEDR
P06732	Creatine kinase M-type	FEEILTR
P01034	Cystatin-C	ALDFAVGEYNK
P15924	Desmoplakin	AELIVQPELK
O94907 Q9UBU2	Dickkopf-related protein 1 and 2	GSHGLEIFQR
Q01459	Di-N-acetylchitobiase	ATYIQNYR
P15502	Elastin	LPGGYGLPYTTGK
Q9Y5X9	Endothelial lipase	LVSALHTR
Q9UNN8	Endothelial protein C receptor	TLAFPLTIR
P00533	Epidermal growth factor receptor	IPLNLQIIR
P16581	E-selectin	YTHLVAIQNK
Q16610	Extracellular matrix protein 1	NVALVSGDTENAK
P05413	Fatty acid-binding protein heart	SLGVGFATR
P02794	Ferritin heavy chain	NVNQSLLELHK

P02792	Ferritin light chain	LGGPEAGLGEYLFER
Q9UGM5	Fetuin-B	LVVLPFPK
P02671	Fibrinogen alpha chain	VQHIQLLQK
P02675	Fibrinogen beta chain	HQLYIDETVNSNIPTNLR
P02679	Fibrinogen gamma chain	YEASILTHDSSIR
P02751	Fibronectin	HTSVQTTSSGSGPFTDVR
P23142	Fibulin-1	TGYYFDGISR
Q15485	Ficolin-2	GTHGSFANGINWK
O75636	Ficolin-3	YAVSEAAAHK
Q12841	Follistatin-related protein 1	YVQELQK
P05062	Fructose-bisphosphate aldolase B	ALQASALAAWGGK
P17931	Galectin-3	IALDFQR
Q08380	Galectin-3-binding protein	SDLAVPSELALLK
P06396	Gelsolin	AGALNSNDAFVLK
P14136	Glial fibrillary acidic protein	LADVYQAEER
Q12879	Glutamate receptor ionotropic NMDA 2A	FSYIPEAK
Q13224	Glutamate receptor ionotropic NMDA 2B	EPGGPSFTIGK
P22352	Glutathione peroxidase 3	QEPGENSEILPTLK
P09211	Glutathione S-transferase P	TLGLYGK
P00738	Haptoglobin	DIAPTLTLYVGK
P04792	Heat shock protein beta-1	LFDQAFGLPR
P69905	Hemoglobin subunit alpha	VGAHAGEYGAELER
P02790	Hemopexin	NFPSPVDAAFR
P05546	Heparin cofactor 2	TLEAQLTPR
P26927	Hepatocyte growth factor-like protein	SPLNDFQVLR
Q86YZ3	Hornerin	GSGSGQSPSSGQHGTGFR
Q14520	Hyaluronan-binding protein 2	VVLGDQDLK
P01857	Ig gamma-1 chain C region	GPSVFPLAPSSK
P01871	Ig mu chain C region	GFPSVLR
P04220 P01871	Ig mu heavy chain disease protein and Ig mu chain C	VSVFVPPR
Q9Y6R7	IgGFc-binding protein	GATTSPGVYELSSR
P06312	Immunoglobulin kappa variable 4-1	NYLAWYQQKPGQPPK
P05019	Insulin-like growth factor I	GFYFNKPTGYGSSSR
P08833	Insulin-like growth factor-binding protein 1	ALPGEQQPLHALTR
P18065	Insulin-like growth factor-binding protein 2	LIQGAPTIR
P17936	Insulin-like growth factor-binding protein 3	FLNVLSR
P35858	Insulin-like growth factor-binding protein complex acid labile subunit	LAELPADALGPLQR
P19827	Inter-alpha-trypsin inhibitor heavy chain H1	GSLVQASEANLQAAQDFVR
P19823	Inter-alpha-trypsin inhibitor heavy chain H2	SLAPTAAAK
Q14624	Inter-alpha-trypsin inhibitor heavy chain H4	SPEQQETVLDGNLIIR
P05362	Intercellular adhesion molecule 1	LLGIETPLPK
P22301	Interleukin-10	AHVNSLGENLK
P05231	Interleukin-6	FESSEEQAR

P03956	Interstitial collagenase	AFQLWSNVTPLTFTK
P29622	Kallistatin	VGSALFLSHNLK
P13645	Keratin type I cytoskeletal 10	SLLEGEGSSGGGGR
P35527	Keratin type I cytoskeletal 9	TLLDIDNTR
P35908	Keratin-type II cytoskeletal 2 epidermal	YEELQVTVGR
P01042	Kininogen-1	DIPTNSPELEETLTHTITK
P02788	Lactotransferrin	YLG PQYVAGITNLK
P02750	Leucine-rich alpha-2-glycoprotein	DLLLQPDLR
P18428	Lipopolysaccharide-binding protein	ITLPDFTGDLR
P14151	L-selectin	AEIEYLEK
P51884	Lumican	SLEDLQLTHNK
P61626	Lysozyme C	AWVAWR
P48740	Mannan-binding lectin serine protease 1	TGVITSPDFPNPYPK
O00187	Mannan-binding lectin serine protease 2A	WPEPVFGR
P11226	Mannose-binding protein C	WLTFSLGK
P08493	Matrix Gla protein	NANTFISPQQR
P14780	Matrix metalloproteinase-9	AVIDDAFAR
P08582	Melanotransferrin	YYDYSGAFR
P01033	Metalloproteinase inhibitor 1	GFQALGDAADIR
P16035	Metalloproteinase inhibitor 2	EYLIAGK
Q99727	Metalloproteinase inhibitor 4	VVPASADPADTEK
P10636	Microtubule-associated protein tau	EADLPEPSEK
Q8WXI7	Mucin-16	ELGPYTLDR
P02686	Myelin basic protein	GVDAQGTL SK
P24158	Myeloblastin	LVNVVLGAHNVR
P05164	Myeloperoxidase	VFFASWR
O94760	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	TPEEYPESAK
Q96PD5	N-acetylmuramoyl-L-alanine amidase	AGLLRPDYALLGHR
P16860	Natriuretic peptides B	EVATEGIR
O60462	Neuropilin-2	ALQVVR
P80188	Neutrophil gelatinase-associated lipocalin	ITLYGR
P15531	Nucleoside diphosphate kinase A, B	PFFAGLVK
Q16625	Occludin	SLQSELDEINK
P10451	Osteopontin	GDSVVYGLR
P78380	Oxidized low-density lipoprotein receptor 1	LEGQISAR
Q13219	Pappalysin-1	AYLDVNELK
Q06830	Peroxiredoxin-1	ADEGISFR
P32119	Peroxiredoxin-2	GLFIIDGK
P04180	Phosphatidylcholine-sterol acyltransferase	SSGLVSNAPGVQIR
P80108	Phosphatidylinositol-glycan-specific phospholipase D	FGSSLITVR
P55058	Phospholipid transfer protein	AVEPQLQEEER
P36955	Pigment epithelium-derived factor	LQSLFDSPDFSK
P05155	Plasma protease C1 inhibitor	FQPTLLTLPR

P05154	Plasma serine protease inhibitor	GFQQLLQELNQPR
P05121	Plasminogen activator inhibitor 1	VFQQVAQASK
P00747	Plasminogen	EAQLPVIENK
P13796	Plastin-2	ISFDEFIK
P16284	Platelet endothelial cell adhesion molecule	SELVTVTESFSTPK
Q9HCN6	Platelet glycoprotein VI	EGDPAPYK
Q13093	Platelet-activating factor acetylhydrolase	GSVHQNFADFTFATGK
P20742	Pregnancy zone protein	ISEITNIVSK
P01210	Proenkephalin-A	ELLETDGDR
P01236	Prolactin	IDNYLK
P80511	Protein S100-A12	GHFDTLK
P06702	Protein S100-A9	DLQNFLK
Q9UK55	Protein Z-dependent protease inhibitor	ETSNFGFSLLR
Q99497	Protein_deglycase_DJ-1	ALVILAK
Q92954	Proteoglycan 4	DQYYNIDVPSR
P00734	Prothrombin	ELLESYIDGR
P16109	P-selectin	TWTWVGTK
Q9UJF2	Ras GTPase-activating protein nGAP	ETQSTPQSAPQVR
Q9HD89	Resistin	IQEVAGSLIFR
P02753	Retinol-binding protein 4	YWGVASFLQK
P02787	Serotransferrin	DGAGDVAFVK
P02768	Serum albumin	LVNEVTEFAK
P0DJ18 P0DJ19	Serum amyloid A-1 and A-2 proteins	EANYIGSDK
P02743	Serum amyloid P-component	IVLGQEQDSYGGK
P27169	Serum paraoxonase/arylesterase 1	IFFYDSENPPASEVLR
Q15166	Serum paraoxonase/lactonase 3	ILIGTVFHK
P04278	Sex hormone-binding globulin	TSSSFEVR
P09486	SPARC	LEAGDHPVELLAR
Q9NWM0	Spermine oxidase	YYSTTHGALLSGQR
Q8IVG5	Sterile alpha motif domain-containing protein 9-like	ENVLDEVANAK
P08254	Stromelysin-1	TYFFVEDK
Q7Z7G0	Target of Nesh-SH3	IYLSDSLTK
Q9BXI6	TBC1 domain family member 10A	YLPGYSEK
P24821	Tenascin	FTTDLSPR
P22105 Q16473	Tenascin-X	ILISGLEPSTPYR
P05452	Tetranectin	NWETEITAQPDDGGK
P07996	Thrombospondin-1	GTLLALER
P35443	Thrombospondin-4	KPQDFLEELK
P01266	Thyroglobulin	FSPDDSAGASALLR
P05543	Thyroxine-binding globulin	AVLHIGEK
P10646	Tissue_factor_pathway_inhibitor	FYYNSVIGK
P00750	Tissue-type plasminogen activator	VVPGEEEQK
P35716	Transcription factor SOX-1	AAQSGDYGGAGDDYVLGSLR

P02786	Transferrin receptor protein 1	GFVEPDHYVVVGAQR
P02766	Transthyretin	GSPAINVAVHVFR
P19438	Tumor necrosis factor receptor superfamily member 1A	LGLSDHEIDR
P20333	Tumor necrosis factor receptor superfamily member 1B	DEQVPFSK
P19320	Vascular cell adhesion protein 1	NTVISVNPSTK
P49765	Vascular endothelial growth factor B	VVSWIDVYTR
O43915	Vascular endothelial growth factor D	DLIQHPK
Q9NY84	Vascular non-inflammatory molecule 3	TETPVSK
Q6EMK4	Vasorin	YLQGSSVQLR
P02774	Vitamin D-binding protein	VLEPTLK
P04070	Vitamin K-dependent protein C	LGEYDLR
P07225	Vitamin K-dependent protein S	VYFAGFPR
P22891	Vitamin K-dependent protein Z	DFAEHLIPR
P04004	Vitronectin	FEDGVLDPDYPR
P04275	von Willebrand factor	ILAGPAGDSNVVK
P12955	Xaa-Pro dipeptidase	AVYEAVLR
P25311	Zinc-alpha-2-glycoprotein	EIPAWVPDPAAQITK

Supplementary Table 2. Lots of commercial human plasma analyzed.

Lot#	Gender	Age	Race
BRH1447333	Male	22	Black
BRH1447334	Male	34	Hispanic
BRH1447335	Male	29	Hispanic
BRH1447336	Male	32	Black
BRH1447337	Male	35	Caucasian
BRH1447338	Male	41	Hispanic
BRH1447339	Male	28	Hispanic
BRH1447340	Male	40	Black
BRH1447341	Male	56	Black
BRH1447342	Male	38	Hispanic
BRH1447343	Female	23	Black
BRH1447344	Female	67	Hispanic
BRH1447345	Female	56	Hispanic
BRH1447346	Female	55	Black
BRH1447347	Female	21	Hispanic
BRH1447348	Female	37	Hispanic
BRH1447349	Female	27	Black
BRH1447350	Female	57	Hispanic
BRH1447351	Female	51	Hispanic
BRH1447352	Female	45	Hispanic
BRH1447353	Pooled human plasma		

Supplementary Table 3. Concentration fold-differences as well as minimum and maximum concentrations for proteins quantified in at least five plasma samples across all three days.

UniProt ID	Protein	Protein concentration (fmol/ μ L)		Concentration fold-difference
		Minimum	Maximum	
P16035	Metalloproteinase inhibitor 2	5.57	6.27	1.12
P02768	Serum albumin	546103.33	747923.33	1.37
Q01459	Di-N-acetylchitobiase	22.36	30.78	1.38
P01008	Antithrombin-III	18986.00	26703.33	1.41
P01011	Alpha-1-antichymotrypsin	2041.13	2945.03	1.44
P00734	Prothrombin	2485.17	3631.30	1.46
P08697	Alpha-2-antiplasmin	612.26	898.36	1.47
P15169	Carboxypeptidase N catalytic chain	97.40	147.05	1.51
Q6EMK4	Vasorin	10.92	16.57	1.52
Q15166	Serum paraoxonase/lactonase 3	9.34	14.28	1.53
O60462	Neuropilin-2	35.67	54.59	1.53
Q13224	Glutamate receptor ionotropic NMDA 2B	10.11	15.70	1.55
O75882	Attractin	98.19	154.07	1.57
P51884	Lumican	218.63	349.83	1.60
P01042	Kininogen-1	1417.83	2285.20	1.61
P22792	Carboxypeptidase N subunit 2	33.43	53.90	1.61
P02787	Serotransferrin	13301.33	22229.33	1.67
P01034	Cystatin-C	25.96	43.44	1.67
P02747	Complement C1q subcomponent subunit C	458.97	768.75	1.67
P48740	Mannan-binding lectin serine protease 1	66.84	112.88	1.69
P80188	Neutrophil gelatinase-associated lipocalin	1.87	3.18	1.70
Q9NZP8	Complement C1r subcomponent-like protein	40.87	69.55	1.70
P19823	Inter-alpha-trypsin inhibitor heavy chain H2	872.26	1513.87	1.74
P01031	Complement C5	127.66	221.58	1.74
P02765	Alpha-2-HS-glycoprotein	3025.07	5303.63	1.75

Q9Y6R7	IgGfc-binding protein	9.94	17.48	1.76
P00747	Plasminogen	385.40	680.17	1.76
P12955	Xaa-Pro dipeptidase	6.13	10.85	1.77
P07225	Vitamin K-dependent protein S	198.33	353.98	1.78
P02745	Complement C1q subcomponent subunit A	93.60	170.18	1.82
P33151	Cadherin-5	21.85	39.90	1.83
P36955	Pigment epithelium-derived factor	160.49	296.81	1.85
P01024	Complement C3	2630.20	4899.20	1.86
P04180	Phosphatidylcholine-sterol acyltransferase	74.00	137.90	1.86
P55058	Phospholipid transfer protein	22.27	41.57	1.87
P22352	Glutathione peroxidase 3	82.77	154.83	1.87
P18065	Insulin-like growth factor-binding protein 2	5.87	11.08	1.89
P02774	Vitamin D-binding protein	2695.93	5102.97	1.89
P05452	Tetranectin	30.59	58.26	1.90
Q14520	Hyaluronan-binding protein 2	109.53	210.37	1.92
P06396	Gelsolin	5920.60	11446.00	1.93
P00751	Complement factor B	739.67	1458.47	1.97
B7Z2X4	cDNA FLJ53327, highly similar to Gelsolin (NOT REVIEWED)	511.01	1012.70	1.98
P05156	Complement factor I	227.50	456.56	2.01
P05546	Heparin cofactor 2	584.53	1174.13	2.01
P02746	Complement C1q subcomponent subunit B	154.60	311.77	2.02
P10643	Complement component C7	116.04	234.82	2.02
Q9UGM5	Fetuin-B	62.38	126.36	2.03
Q16610	Extracellular matrix protein 1	40.20	81.52	2.03
P05160	Coagulation factor XIII B chain	8.97	18.22	2.03
P06681	Complement C2	67.10	137.14	2.04
P04003	C4b-binding protein alpha chain	1255.20	2566.73	2.04
P01009	Alpha-1-antitrypsin	13141.33	27533.00	2.10
P14151	L-selectin	38.28	80.85	2.11

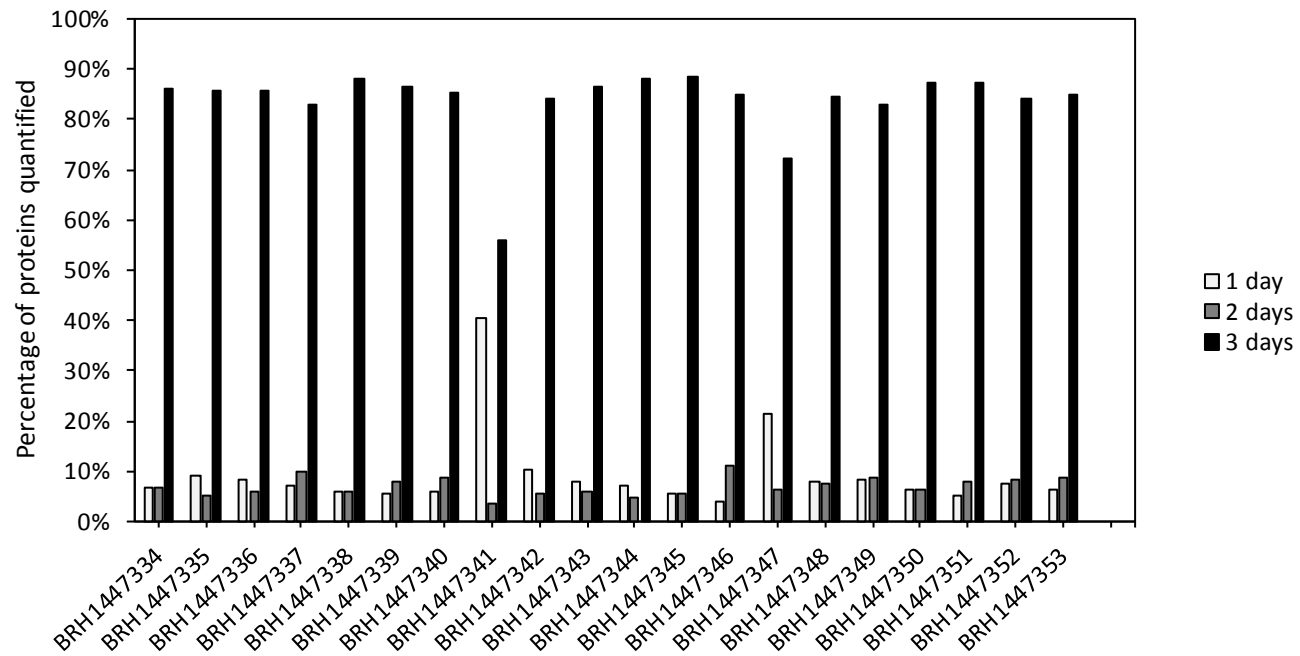
O95445	Apolipoprotein M	229.31	487.49	2.13
Q14624	Inter-alpha-trypsin inhibitor heavy chain H4	1688.87	3630.73	2.15
Q8IZF2	Adhesion G protein-coupled receptor F5	1.56	3.37	2.15
P06276	Cholinesterase	33.39	71.97	2.16
P02749	Beta-2-glycoprotein 1	1725.07	3720.07	2.16
P16284	Platelet endothelial cell adhesion molecule	3.82	8.28	2.17
P04070	Vitamin K-dependent protein C	31.08	67.66	2.18
P02790	Hemopexin	4857.30	10627.00	2.19
P29622	Kallistatin	67.93	148.66	2.19
P61626	Lysozyme C	50.11	110.07	2.20
P00736	Complement C1r subcomponent	187.46	412.08	2.20
P23142	Fibulin-1	84.94	190.13	2.24
P11717	Cation-independent mannose-6-phosphate receptor	2.55	5.74	2.25
Q96PD5	N-acetylmuramoyl-L-alanine amidase	183.68	413.88	2.25
P07357	Complement component C8 alpha chain	115.61	261.01	2.26
P17936	Insulin-like growth factor-binding protein 3	16.39	37.42	2.28
P00488	Coagulation factor XIII A chain	50.40	115.32	2.29
P04196	Histidine-rich glycoprotein	433.70	999.12	2.30
Q8WXI7	Mucin-16	29.98	69.29	2.31
P09871	Complement C1s subcomponent	188.42	441.19	2.34
P43251	Biotinidase	58.67	137.41	2.34
P02675	Fibrinogen beta chain	16224.00	38208.00	2.36
P00742	Coagulation factor X	78.08	184.45	2.36
P61769	Beta-2-microglobulin	46.94	111.32	2.37
P35858	Insulin-like growth factor-binding protein complex acid labile subunit	74.97	178.61	2.38
P02652	Apolipoprotein A-II	5756.47	13715.00	2.38
P08185	Corticosteroid-binding globulin	464.49	1109.56	2.39
Q96IY4	Carboxypeptidase B2	50.82	121.46	2.39

P02679	Fibrinogen gamma chain	8016.13	19232.00	2.40
P05543	Thyroxine-binding globulin	141.15	342.22	2.42
P02671	Fibrinogen alpha chain	9679.80	24136.67	2.49
Q13790	Apolipoprotein F	152.11	381.13	2.51
P00450	Ceruloplasmin	930.59	2435.53	2.62
P16109	P-selectin	1.17	3.06	2.62
P25311	Zinc-alpha-2-glycoprotein	176.63	465.02	2.63
P07358	Complement component C8 beta chain	53.40	140.88	2.64
P02753	Retinol-binding protein 4	489.18	1294.70	2.65
P02751	Fibronectin	553.66	1485.53	2.68
P02647	Apolipoprotein A-I	15888.33	42915.00	2.70
P27169	Serum paraoxonase/arylesterase 1	437.16	1191.07	2.72
P04217	Alpha-1B-glycoprotein_VAR_018369	796.42	2206.73	2.77
P02763	Alpha-1-acid glycoprotein 1	2840.90	8040.23	2.83
P05155	Plasma protease C1 inhibitor	938.98	2714.43	2.89
P08709	Coagulation factor VII	4.13	11.95	2.89
Q9NQ79	Cartilage acidic protein 1	8.64	25.16	2.91
Q9HDC9	Adipocyte plasma membrane-associated protein	6.65	19.50	2.93
P02743	Serum amyloid P-component	275.72	813.46	2.95
P10909	Clusterin	657.33	1940.93	2.95
P02766	Transthyretin	180.18	542.95	3.01
POCOL4 POCOL5	Complement_C4	892.00	2698.93	3.03
P13671	Complement component C6	68.69	217.31	3.16
P06312	Immunoglobulin kappa variable 4-1	587.16	1903.23	3.24
O14791	Apolipoprotein L1	321.77	1063.18	3.30
P43652	Afamin	132.87	445.56	3.35
P02748	Complement component C9	205.47	689.82	3.36
P05090	Apolipoprotein D	961.15	3256.33	3.39
P80108	Phosphatidylinositol-glycan-specific	24.09	82.23	3.41

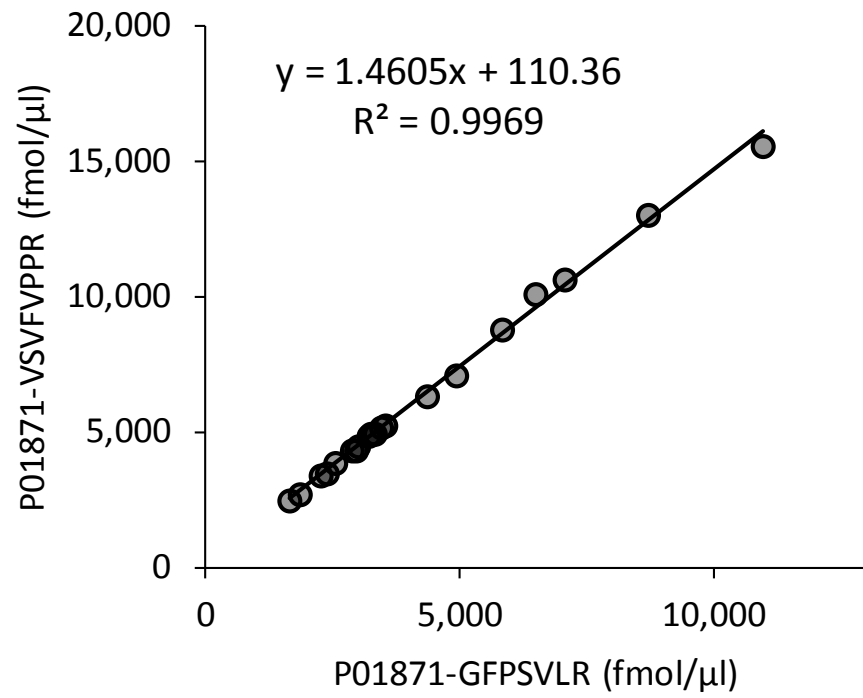
	phospholipase D			
P01023	Alpha-2-macroglobulin	3561.20	12311.00	3.46
P04114	Apolipoprotein B-100	87.29	306.37	3.51
P02750	Leucine-rich alpha-2-glycoprotein	156.05	574.48	3.68
P02649	Apolipoprotein E	279.70	1041.62	3.72
Q15848	Adiponectin	44.29	166.33	3.76
P35542	Serum amyloid A-4 protein	586.70	2210.47	3.77
P04004	Vitronectin	809.57	3102.60	3.83
P80511	Protein S100-A12	5.41	20.95	3.87
P00915	Carbonic anhydrase 1	6.62	26.21	3.96
Q96KN2	Beta-Ala-His dipeptidase	24.90	99.28	3.99
P00738	Haptoglobin	12095.67	54168.67	4.48
O43866	CD5 antigen-like	15.96	71.48	4.48
P02654	Apolipoprotein C-I	868.04	3926.23	4.52
P01019	Angiotensinogen	341.49	1581.00	4.63
P02656	Apolipoprotein C-III	1457.20	6837.50	4.69
Q92954	Proteoglycan 4	14.69	77.95	5.31
P00748	Coagulation factor XII	111.99	602.56	5.38
P07996	Thrombospondin-1	5.69	32.49	5.71
P02655	Apolipoprotein C-II	304.56	1861.87	6.11
P06727	Apolipoprotein A-IV	486.31	2982.47	6.13
P04220 P01871	Ig mu heavy chain disease protein and Ig mu chain C	2473.70	15590.00	6.30
P06702	Protein S100-A9	31.69	200.76	6.34
P01871	Ig mu chain C region	1648.33	10950.00	6.64
P04278	Sex hormone-binding globulin	23.93	180.31	7.53
P55056	Apolipoprotein C-IV	14.47	111.19	7.68
P05154	Plasma serine protease inhibitor	15.23	119.76	7.86
P51911	Calponin-1	85.84	792.34	9.23
P01857	Ig gamma-1 chain C region	1939.97	18523.33	9.55

P69905	Hemoglobin subunit alpha	29.89	364.28	12.19
P08519	Apolipoprotein(a)	72.54	1096.50	15.11
P20742	Pregnancy zone protein	11.38	371.27	32.61
P02741	C-reactive protein	6.56	392.14	59.80
PODJI8 PODJI9	Serum amyloid A-1 and A-2 proteins	12.93	898.01	69.46

Supplementary Figures



Supplementary Figure 1. Overlap of proteins quantified across one, two, or three days in 21 plasma samples.



Supplementary Figure 2. Correlation of concentrations determined for protein P01871 with peptides VSVFVPPR and GFPSVLR.