Supplemental Information -- Table 1. Stable isotope labeled, proteotypic peptide standards used to quantify trypsin digestion of 45 plasma proteins.

Protein	Uniprot accession	Sequence Before	Cleavage probability[a] (%)	Peptide sequence	Cleavage probability[a] (%)	Sequence Following	Peptide mw (Da)	Technical reproducibility[a] (%CV)
Afamin	P43652	ER	89.7	DADPDTFFAK	100	F	1,125.5	8.3
Albumin, serum	P02768	VK	100	LVNEVTEFAK	93.1	T	1,148.6	7.0
Alpha-1-acid glycoprotein 1	P02763	EK	91.1	NWGLSVYADKPETTK	90.9	E	1,707.8	18.7
Alpha-1-antichymotrypsin	P01011	FR	69.6	EIGELYLPK	100	F	1,060.6	5.9
Alpha-1B-glycoprotein	P04217	AR	100	LETPDFQLFK	100	N	1,236.6	15.6
Alpha-2-antiplasmin	P08697	LK	100	LGNQEPGGQTALK	100	S	1,311.7	7.8
Alpha-2-macroglobulin	P01023	AR	100	LLIYAVLPTGDVIGDSAK	100	Y	1,844.0	18.4
Angiotensinogen	P01019	EK	94.4	ALQDQLVLVAAK	94.9	L	1,267.8	7.9
Antithrombin-III	P01008	GR	100	DDLYVSDAFHK	100	A	1,308.6	9.0
Apolipoprotein A-I	P02647	AK	95.4	ATEHLSTLSEK	94.4	A	1,214.6	6.9
Apolipoprotein A-II precursor	P02652	VK	100	SPELQAEAK	100	S	971.5	7.4
Apolipoprotein A-IV	P06727	RR	75.3	SLAPYAQDTQEK	94.7	L	1,349.7	7.3
Apolipoprotein B-100	P04114	VK	100	FPEVDVLTK	100	Y	1,046.6	6.1
Apolipoprotein C-I lipoprotein	P02654	N-term.	N.A.	TPDVSSALDK	76.8	L	1,031.5	5.8
Apolipoprotein C-III	P02656	AR	100	GWVTDGFSSLK	86.4	D	1,195.6	17.3
Apolipoprotein E	P02649	ER	100	LGPLVEQGR	100	V	967.6	8.7
Beta-2-glycoprotein I	P02749	KK	87.5	ATVVYQGER	94.1	V	1,021.5	7.7
Ceruloplasmin	P00450	YR	85.3	EYTDASFTNR	75.9	K	1,202.5	11.5
Clusterin	P10909	RR	79.2	ELDESLQVAER	100	L	1,287.6	15.7
Coagulation factor XIIa HC	P00748	TR	100	VVGGLVALR	100	G	882.6	5.6
Complement C3	P01024	LK	100	TGLQEVEVK	100	A	1,001.5	6.3
Complement C4 beta chain	P0C0L5	PR	100	VGDTLNLNLR	95.7	A	1,113.6	11.2
Complement C4 gamma chain	P0C0L5	TK	100	ITQVLHFTK	100	D	1,085.6	7.0
Complement component C9	P02748	FR	100	TEHYEEQIEAFK	100	S	1,522.7	26.6
Complement factor B	P00751	QK	84.3	EELLPAQDIK	95.3	A	1,154.6	7.5
Complement factor H	P08603	CK	100	SPDVINGSPISQK	100	I	1,340.7	10.2
Fibrinogen alpha chain	P02671	SR	100	GSESGIFTNTK	90.9	E	1,139.6	4.0
Fibrinogen beta chain	P02675	YK	100	QGFGNVATNTDGK	92.7	N	1,307.6	8.3
Fibrinogen gamma chain	P02679	CK	51.6	DTVQIHDITGK	95.1	D	1,225.6	14.7
Gelsolin, isoform 1	P06396	EK	100	TGAQELLR	100	V	886.5	11.2
Haptoglobin beta chain	P00738	GR	100	VGYVSGWGR	100	N	979.5	6.2
Hemopexin	P02790	WK	100	NFPSPVDAAFR	100	Q	1,219.6	10.7
Heparin cofactor II	P05546	MK	100	TLEAQLTPR	100	V	1,027.6	5.7
Inter-alpha-trypsin inhibitor HC	P19827	RK	89.1	AAISGENAGLVR	100	A	1,156.6	6.7
Kininogen-1	P01042	TK	93.1	TVGSDTFYSFK	76.8	Y	1,250.6	11.9
L-selectin	P14151	NK	100	AEIEYLEK	100	T	993.5	11.6
Plasma retinol-binding protein	P02753	MK	100	YWGVASFLQK	100	G	1,197.6	15.3
Plasminogen	P00747	SR	100	LFLEPTR	82.3	K	874.5	10.8
Prothrombin	P00734	DR	75.5	ETAASLLQAGYK	88.2	G	1,250.7	13.0
Serum amyloid P-component	P02743	ER	94.1	VGEYSLYIGR	100	H	1,155.6	22.1
Transferrin	P02787	SK	84.6	EDPQTFYYAVAVVK	100	K	1,628.8	11.8
Transthyretin	P02766	RK	89.1	AADDTWEPFASGK	100	T	1,393.6	9.4
Vitamin D-binding protein	P02774	RR	89.2	THLPEVFLSK	100	V	1,169.6	19.8
Vitronectin	P04004	WR	100	FEDGVLDPDYPR	100	N	1,421.7	19.8
Zinc-alpha-2-glycoprotein	P25311	NK	89.8	EIPAWVPFDPAAQITK	100	Q	1,781.9	8.6

[a]As calculated using the model of Keil (1992). [b]Values as reported by Kuzyk *et al.* MCP (2009).