

Product Specifications

Product Name	DiscoverEdge™175
Product Number(s)	DE17501-8 / DE17501-48 / DE17501-96
Product Description	Quantitative recombinant protein standards (qRePS™) for multiplexed absolute quantification of blood plasma proteins using mass spectrometry. Heavy Lys and Arg ¹³ C and ¹⁵ N labeled protein standards targeting 177 different human proteins.
Species	Human
Application	MS-based quantitative proteomics in blood plasma.
Included Proteins	See next page
Expression host	<i>Escherichia coli</i>
Purification	IMAC purification
Quantification	Absolute quantification using a reference sample
Isotopic incorporation	>99.9% as determined by LC-MS/MS
Amounts per well	Each well contains protein amounts for digestion of 1µl human blood plasma or diluted equivalent.
Unit size(s)	8 / 48 / 96 wells
Format	Dry powder
Storage	Long term; -20°C. Short term (up to 30 days); +25°C
Shipping	Shipped at ambient temperature.
Notes	For protocols, additional product information etc. visit www.proteomedge.com Optimal conditions should be determined by the end user.

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Not intended for pharmaceutical development, diagnostic, therapeutic or any in vivo use. Products from ProteomEdge may not be resold, modified for resale or used to manufacture commercial products without prior written approval from ProteomEdge AB.

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Included proteins

Gene	UniProt ID	Gene	UniProt ID	Gene	UniProt ID
A1BG	P04217	CNDP1	Q96KN2	LEP	P41159
A2M	P01023	COL18A1	P39060	LPA	P08519
ACTN1	P12814	COL1A1	P02452	LRG1	P02750
ADA2	Q9NZK5	COLEC11	Q9BWP8	LUM	P51884
ADAMTS13	Q76LX8	COMP	P49747	LYZ	P61626
ADIPOQ	Q15848	CPN1	P15169	MASP1	P48740
AFM	P43652	CPN2	P22792	MB	P02144
AGT	P01019	CRP	P02741	MBL2	P11226
AHSG	P02765	CSF1R	P07333	MGP	P08493
ALDOA	P04075	CST3	P01034	MPO	P05164
APOA1	P02647	DBH	P09172	MSLN	Q13421
APOA2	P02652	ECM1	Q16610	MST1	P26927
APOA4	P06727	EFEMP1	Q12805	NPPB	P16860
APOB	P04114	EGFR	P00533	PCOLCE	Q15113
APOC1	P02654	ENOG	P09104	PCSK9	Q8NBP7
APOC2	P02655	ERBB2	P04626	PFN1	P07737
APOD	P05090	F10	P00742	PGLYRP2	Q96PD5
APOE	P02649	F11	P03951	PIGR	P01833
APOH	P02749	F12	P00748	PKM	P14618
APOL1	O14791	F13A1	P00488	PLEC	Q15149
APOM	O95445	F13B	P05160	PON1	P27169
APP	P05067	F2	P00734	PPBP	P02775
B2M	P61769	F5	P12259	PPIA	P62937
BCHE	P06276	F7	P08709	PRDX6	P30041
BLVRB	P30043	F8	P00451	PRG4	Q92954
BTD	P43251	F9	P00740	PRL	P01236
C1QC	P02747	FBLN1	P23142	PROC	P04070
C1QTNF3	Q9BXJ4	FBLN5	Q9UBX5	PROCR	Q9UNN8
C1R	P00736	FCGR3B	O75015	PROS1	P07225
C1RL	Q9NZP8	FETUB	Q9UGM5	PROZ	P22891
C1S	P09871	FN1	P02751	PTGDS	P41222
C2	P06681	FTH1	P02794	PVR	P15151
C3	P01024	FTL	P02792	PZP	P20742
C4A	P0C0L4	GOT1	P17174	QSOX1	O00391
C4BPA	P04003	GP1BA	P07359	RBP4	P02753
C4BPB	P20851	GPI	P06744	S100A8	P05109
C7	P10643	GPX3	P22352	S100A9	P06702
C8A	P07357	GSN	P06396	SELL	P14151
C8B	P07358	HABP2	Q14520	SERPINA4	P29622
C8G	P07360	HBA1	P69905	SERPINA5	P05154
C9	P02748	HP	P00738	SERPINA6	P08185
CD109	Q6YHK3	HPX	P02790	SERPINA7	P05543
CD14	P08571	HSPA5	P11021	SERPIND1	P05546
CD44	P16070	ICAM1	P05362	SERPINE1	P05121
CD55	P08174	ICAM2	P13598	SERPINF1	P36955
CD9	P21926	IGFBP1	P08833	SERPINF2	P08697
CD93	Q9NPY3	IGFBP3	P17936	SERPING1	P05155
CDH13	P55290	IGFBP4	P22692	SHBG	P04278
CEACAM5	P06731	IL10	P22301	SPP1	P10451
CFD	P00746	IL6	P05231	TFRC	P02786
CFHR2	P36980	INHBC	P55103	TG	P01266
CFHR3	Q02985	ITIH2	P19823	TGFBI	Q15582
CFHR4	Q92496	ITIH3	Q06033	THBS4	P35443
CFHR5	Q9BXR6	KLK3	P07288	TNFRSF1B	P20333
CFI	P05156	KLKB1	P03952	VASN	Q6EMK4
CHL1	O00533	KNG1	P01042	VTN	P04004
CKB	P12277	KRT1	P04264	VWF	P04275
CLEC3B	P05452	LDHA	P00338	WFDC2	Q14508
CLU	P10909	LDHB	P07195	ZYX	Q15942