

PeptiQuant™ Plus Biomarker Assessment Kits

For Targeted Quantitative Proteomics



Eurisetop is pleased to offer PeptiQuant™ Plus biomarker assessment kits (BAKs) for the targeted and precise quantitation of ≥125 proteins in human and mouse plasma samples.¹⁻⁹ These PeptiQuant kits utilize a well-defined, bottom-up LC-MS/MS methodology together with heavy (stable isotope-labeled standards, SIS) and light (natural, NAT) peptide standards for the quantitation of moderate-to-high abundance proteins. The peptides have been carefully selected, formulated, and characterized to serve as effective, molecular surrogates for their corresponding proteins. The proteins are candidate disease markers (e.g., cancer, cardiovascular) that are suitable for biomarker discovery and verification studies. All assays have been validated according to the complete set of CPTAC (Clinical Proteomic Tumor Analysis Consortium) guidelines and are available for viewing on the CPTAC Assay Portal.¹⁰

Kit Type	Optimized Platforms Available				
	6490/6495 QqQ	6545 Q-TOF	QTRAP® 6500	Q Exactive™ Plus	Xevo TQ-XS
Human BAK-125	■		■	■	■
Mouse BAK-125	■		■	■	
Mouse BAK-125-2	■	■		■	
Mouse BAK-125-3	■			■	
Human BAK-270	■		■	■	

■ New!

All kits available for 20, 50, and 100 samples except BAK-270 (100 samples).

Note: The -2 and -3 demarcations in the catalog number reflect an alternate set of 125 target proteins. Please inquire if an alternate LC-MS/MS platform is desired from the current panel offerings.

References

- Percy, A.J.; Borchers, C.H. **2021**. Detailed method for performing the ExSTA approach in quantitative bottom-up plasma proteomics. *Methods Mol Biol*, doi: 10.1007/978-1-0716-1024-4.
- Mohammed, Y.; Bhowmick, P.; Michaud, S.A.; et al. **2021**. Mouse quantitative proteomics knowledgebase: reference protein concentration ranges in 20 mouse tissues using 5000 quantitative proteomics assays. *Bioinformatics*, doi: 10.1093/bioinformatics/btab018.
- Ayton, S.; Janelidze, S.; Roberts, B.; et al. **2020**. Acute phase markers in CSF reveal inflammatory changes in Alzheimer's disease that intersect with pathology, APOE ε4, sex and age. *Prog Neurobiol*, 101904.
- Tilburg, J.; Michaud, S.A.; Marade, C.X.; et al. **2020**. Plasma protein signatures of a murine venous thrombosis model and Slc44a2 knockout mice using quantitative-targeted proteomics. *Thromb Haemost*, 120(3), 423-436.
- Bhardwaj, M.; Weigl, K.; Tikk, K.; et al. **2020**. Multiplex quantitation of 270 plasma protein markers to identify a signature for early detection of colorectal cancer. *Eur J Cancer*, 127, 30-40.
- Gaither, C.; Popp, R.; Mohammed, Y.; et al. **2020**. Determination of the concentration range for 267 proteins from 21 lots of commercial human plasma using highly multiplexed multiple reaction monitoring mass spectrometry. *Analyst*, 10, 3449-3760.
- Tilburg, J.; Michaud, S.A.; Marade, C.X.; et al. **2020**. Plasma protein signatures of a murine venous thrombosis model and slc44a2 knockout mice using quantitative-targeted proteomics. *Thromb Haemost*, 120(3), 423-436.

Kit Contents

- 4 vials of starting material (lyophilized)
 - Vial 1 (red cap):** SIS peptide mix for spiking into standard curve, QC, and experimental sample digests
 - Vial 2 (clear cap):** NAT peptide mix for spiking into standard curve and QC sample digests
 - Vial 3 (purple cap):** TPCK-treated trypsin (1 mg/mL after 100 mM Tris pH 8.0 addition)
 - Vial 4 (green cap):** BSA (10 mg/mL after PBS addition)
- USB containing user manual, target details (with specifications), vendor-specific acquisition method, and Skyline analysis file

Features and Benefits

- CPTAC-certified assays
 - SIS and NAT peptides for each target protein
 - Robust and diverse protein quantitation
 - Reduces development time and cost
- Michaud, S.A.; Sinclair, N.J.; Pětrošová, H.; et al. **2018**. Molecular phenotyping of laboratory mouse strains using 500 multiple reaction monitoring mass spectrometry plasma assays. *Commun Biol*, 1(78).
 - Percy, A.J.; Michaud, S.A.; Jardim, A.; et al. **2017**. Multiplexed MRM-based assays for the quantitation of proteins in mouse plasma and heart tissue. *Proteomics*, 17(7).
 - Whiteaker, J.R.; Halusa, G.N.; Hoofnagle, A.N.; et al. **2014**. CPTAC Assay Portal: a repository of targeted proteomic assays. *Nat Methods*, 11(7), 703-704.



PeptiQuant Plus BAK Panels

Human Plasma BAK-270

Protein	UniProt Acc.	Protein	UniProt Acc.	Protein	UniProt Acc.
60 kDa heat shock protein mitochondrial	P10809	Carboxypeptidase N subunit 2	P22792	Extracellular matrix protein 1	Q16610
72 kDa type IV collagenase	P08253	Cartilage acidic protein 1	Q9NQ79	Fatty acid-binding protein heart	P05413
78 kDa glucose-regulated protein	P11021	Cathelicidin antimicrobial peptide	P49913	Ferritin heavy chain	P02794
A disintegrin and metalloproteinase with thrombospondin motifs 2	O95450	Cation-independent mannose-6-phosphate receptor	P11717	Ferritin light chain	P02792
A disintegrin and metalloproteinase with thrombospondin motifs 20	P59510	CD40 ligand	P29965	Fetuin-B	Q9UGM5
A disintegrin and metalloproteinase with thrombospondin motifs 9	Q9P2N4	CD44 antigen	P16070	Fibrinogen α chain	P02671
Actin, aortic smooth muscle, Actin, α cardiac muscle 1, 8 other actin and actin-like proteins	P62736, P68032, 8 others	CD5 antigen-like	O43866	Fibrinogen β chain	P02675
Actin-depolymerizing factor	B7Z2X4	Ceruloplasmin	P00450	Fibrinogen γ chain	P02679
Adhesion G protein-coupled receptor F5	Q8IZF2	Cholesteryl ester transfer protein	P11597	Fibronectin	P02751
Adipocyte plasma membrane-associated protein	Q9HDC9	Cholinesterase	P06276	Fibulin-1	P23142
Adiponectin	Q15848	Chromogranin-A	P10645	Ficolin-2	Q15485
ADM	P35318	Claudin-5	O00501	Ficolin-3	O75636
Afamin	P43652	Clusterin (Apolipoprotein J)	P10909	Follistatin-related protein 1	Q12841
α -1-acid glycoprotein 1	P02763	Coagulation factor V	P12259	Fructose-bisphosphate aldolase B	P05062
α -1-antichymotrypsin	P01011	Coagulation factor VII	P08709	Galectin-3	P17931
α -1-antitrypsin	P01009	Coagulation factor VIII	P00451	Galectin-3-binding protein	Q08380
α -1B-glycoprotein	Q04217	Coagulation factor IX	P00740	Gamma-enolase	P09104
α -2-antiplasmin	P08697	Coagulation factor X	P00742	Gelsolin	P06396
α -2-HS-glycoprotein	P02765	Coagulation factor XI	P03951	Glial fibrillary acidic protein	P14136
α -2-macroglobulin	P01023	Coagulation factor XII	P00748	Glutamate receptor ionotropic NMDA 2A	Q12879
Angiogenin	P03950	Coagulation factor XIII A chain	P00488	Glutamate receptor ionotropic NMDA 2B	Q13224
Angiopoietin-related protein 3	Q9Y5C1	Coagulation factor XIII B chain	P05160	Glutathione peroxidase 3	P22352
Angiotensinogen	P01019	Collagen α -1(I) chain	P02452	Glutathione S-transferase P	P09211
Antithrombin-III	P01008	Collagen α -1(III) chain	P02461	Haptoglobin	P00738
Apolipoprotein A-I	P02647	Collagen α -1(XVIII) chain	P39060	Heat shock protein β -1	P04792
Apolipoprotein A-II	P02652	Collagen α -2(I) chain	P08123	Hemoglobin subunit α	P69905
Apolipoprotein A-IV	P06727	Complement C1q subcomponent subunit A	P02745	Hemopexin	P02790
Apolipoprotein B-100	P04114	Complement C1q subcomponent subunit B	P02746	Heparin cofactor 2	P05546
Apolipoprotein C-I	P02654	Complement C1q subcomponent subunit C	P02747	Hepatocyte growth factor-like protein	P26927
Apolipoprotein C-II	P02655	Complement C1r subcomponent	P00736	Histidine-rich glycoprotein	P04196
Apolipoprotein C-III	P02656	Complement C1r subcomponent-like protein	Q9NZP8	Hornerin	Q86YZ3
Apolipoprotein C-IV	P55056	Complement C1s subcomponent	P09871	Hyaluronan-binding protein 2	Q14520
Apolipoprotein D	P05090	Complement C2	P06681	Ig γ -1 chain C region	P01857
Apolipoprotein E	P02649	Complement C3	P01024	Ig μ chain C region	P01871
Apolipoprotein F	Q13790	Complement C5	P01031	Ig μ heavy chain disease protein and Ig μ chain C	P04220, P01871
Apolipoprotein L1	O14791	Complement component C6	P13671	IgGFC-binding protein	Q9Y6R7
Apolipoprotein M	O95445	Complement component C7	P10643	Immunoglobulin kappa variable 4-1	P06312
Apolipoprotein(a)	P08519	Complement component C8 α chain	P07357	Insulin-like growth factor I	P05019
Aromatase	P11511	Complement component C8 β chain	P07358	Insulin-like growth factor-binding protein 1	P08833
Atrial natriuretic peptide receptor 1	P16066	Complement component C9	P02748	Insulin-like growth factor-binding protein 2	P18065
Attractin	O75882	Complement factor B	P00751	Insulin-like growth factor-binding protein 3	P17936
Autism susceptibility gene 2 protein	Q8WXX7	Complement factor D	P00746	Insulin-like growth factor-binding protein complex acid labile subunit	P35858
B-cell scaffold protein with ankyrin repeats	Q8NDB2	Complement factor H	P08603	Inter- α -trypsin inhibitor heavy chain H1	P19827
β -2-glycoprotein 1 (Apolipoprotein H)	P02749	Complement factor I	P05156	Inter- α -trypsin inhibitor heavy chain H2	P19823
β -2-microglobulin	P61769	Complement C4	P0C0L4, P0C0L5	Inter- α -trypsin inhibitor heavy chain H4	Q14624
β -Ala-His dipeptidase	Q96KN2	Corticosteroid-binding globulin	P08185	Intercellular adhesion molecule 1	P05362
β -nerve growth factor	P01138	Creatine kinase B-type	P12277	Interleukin-10	P22301
Biotinidase	P43251	Creatine kinase M-type	P06732	Interleukin-6	P05231
C-reactive protein	P02741	Cystatin-C	P01034	Interstitial collagenase	P03956
C4b-binding protein α chain	P04003	Desmoplakin	P15924	Kallistatin	P29622
Cadherin-13	P55290	Di-N-acetylchitinase	Q01459	Keratin type I cytoskeletal 10	P13645
Cadherin-5	P33151	Dickkopf-related protein 1 and 2	O94907, Q9UBU2	Keratin type I cytoskeletal 9	P35527
Calcitonin	P01258	E-selectin	P16581	Keratin type II cytoskeletal 2 epidermal	P35908
Calcitonin gene-related peptide 1	P06881	Elastin	P15502	Kininogen-1	P01042
Calponin-1	P51911	Endothelial lipase	Q9Y5X9	L-selectin	P14151
Carbonic anhydrase 1	P00915	Endothelial protein C receptor	Q9UNN8	Lactotransferrin	P02788
Carboxypeptidase B2	Q96IY4	Epidermal growth factor receptor	P00533	Leucine-rich α -2-glycoprotein	P02750
Carboxypeptidase N catalytic chain	P15169			Lipopolysaccharide-binding protein	P18428
				Lumican	P51884

Human Plasma BAK-270 (continued)

Protein	UniProt Acc.	Protein	UniProt Acc.	Protein	UniProt Acc.
Lysozyme C	P61626	Pigment epithelium-derived factor	P36955	Target of Nesh-SH3	Q727G0
Mannan-binding lectin serine protease 1	P48740	Plasma protease C1 inhibitor	P05155	TBC1 domain family member 10A	Q9BXI6
Mannan-binding lectin serine protease 2A	O00187	Plasma serine protease inhibitor	P05154	Tenascin	P24821
Mannose-binding protein C	P11226	Plasminogen	P00747	Tenascin-X	P22105, Q16473
Matrix Gla protein	P08493	Plasminogen activator inhibitor 1	P05121	Tetranectin	P05452
Matrix metalloproteinase-9	P14780	Plastin-2	P13796	Thrombomodulin	P07204
Melanotransferrin	P08582	Platelet endothelial cell adhesion molecule	P16284	Thrombospondin-1	P07996
Metalloproteinase inhibitor 1	P01033	Platelet glycoprotein VI	Q9HCN6	Thrombospondin-4	P35443
Metalloproteinase inhibitor 2	P16035	Platelet-activating factor acetylhydrolase	Q13093	Thyroglobulin	P01266
Metalloproteinase inhibitor 4	Q99727	Pregnancy zone protein	P20742	Thyroxine-binding globulin	P05543
Microtubule-associated protein τ	P10636	Proenkephalin-A	P01210	Tissue factor pathway inhibitor	P10646
Mucin-16	Q8WXI7	Prolactin	P01236	Tissue-type plasminogen activator	P00750
Myelin basic protein	P02686	Protein AMBP	P02760	Transcription factor SOX-11	P35716
Myeloblastin	P24158	Protein S100-A12	P80511	Transferrin receptor protein 1	P02786
Myeloperoxidase	P05164	Protein S100-A9	P06702	Transthyretin	P02766
N-acetylmuramoyl-L-alanine amidase	Q96PD5	Protein S100-B	P04271	Tumor necrosis factor receptor superfamily member 1A	P19438
N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	O94760	Protein Z-dependent protease inhibitor	Q9UK55	Tumor necrosis factor receptor superfamily member 1B	P20333
Natriuretic peptides B	P16860	Proteoglycan 4	Q92954	Vascular cell adhesion protein 1	P19320
Neuropilin-2	O60462	Prothrombin	P00734	Vascular endothelial growth factor B	P49765
Neutrophil gelatinase-associated lipocalin	P80188	Ras GTPase-activating protein nGAP	Q9UJF2	Vascular endothelial growth factor D	O43915
Nucleoside diphosphate kinase A	P15531	Resistin	Q9HD89	Vascular noninflammatory molecule 3	Q9NY84
Occludin	Q16625	Retinol-binding protein 4	P02753	Vasorin	Q6EMK4
Osteopontin	P10451	Serotransferrin	P02787	Vitamin D-binding protein	P02774
Oxidized low-density lipoprotein receptor 1	P78380	Serum albumin	P02768	Vitamin K-dependent protein C	P04070
P-selectin	P16109	Serum amyloid A-1 and A-2 proteins	P0DJJ8, P0DJJ9	Vitamin K-dependent protein S	P07225
Pappalysin-1	Q13219	Serum amyloid A-4 protein	P35542	Vitamin K-dependent protein Z	P22891
Parkinson's disease protein 7 (Protein DJ-1)	Q99497	Serum amyloid P-component	P02743	Vitronectin	P04004
Peroxioredoxin-1	Q06830	Serum paraoxonase/arylesterase 1	P27169	von Willebrand factor	P04275
Peroxioredoxin-2	P32119	Serum paraoxonase/lactonase 3	Q15166	Xaa-Pro dipeptidase	P12955
Phosphatidylcholine-sterol acyltransferase	P04180	Sex hormone-binding globulin	P04278	Zinc- α -2-glycoprotein	P25311
Phosphatidylinositol-glycan-specific phospholipase D	P80108	SPARC	P09486		
Phospholipid transfer protein	P55058	Spermine oxidase	Q9NWM0		
		Sterile α motif domain-containing protein 9-like	Q8IVG5		
		Stromelysin-1	P08254		

Continued ►

Human Plasma BAK-125

Protein	UniProt Acc.	Protein	UniProt Acc.	Protein	UniProt Acc.
78 kDa glucose-regulated protein	P11021	Coagulation factor XII	P00748	Leucine-rich α -2-glycoprotein	P02750
Adipocyte plasma membrane-associated protein	Q9HDC9	Complement C1q subcomponent subunit B	P02746	Lipopolysaccharide-binding protein	P18428
Adiponectin	Q15848	Complement C1q subcomponent subunit C	P02747	L-selectin	P14151
Afamin	P43652	Complement C1r subcomponent	P00736	Lysozyme C	P61626
α -1-acid glycoprotein 1	P02763	Complement C1r subcomponent-like protein	Q9NZP8	Mannan-binding lectin serine protease 1	P48740
α -1-antichymotrypsin	P01011	Complement C1s subcomponent	P09871	Mannan-binding lectin serine protease 2	O00187
α -1-antitrypsin	P01009	Complement C2	P06681	Metalloproteinase inhibitor 2	P16035
α -1B-glycoprotein	P04217	Complement C3	P01024	Myeloblastin	P24158
α -2-antiplasmin	P08697	Complement C5	P01031	Peroxiredoxin-2	P32119
α -2-HS-glycoprotein	P02765	Complement component C7	P10643	Phosphatidylinositol-glycan-specific phospholipase D	P80108
α -2-macroglobulin	P01023	Complement component C9	P02748	Phospholipid transfer protein	P55058
Antithrombin-III	P01008	Complement factor B	P00751	Pigment epithelium-derived factor	P36955
Apolipoprotein A-I	P02647	Complement factor H	P08603	Plasma protease C1 inhibitor	P05155
Apolipoprotein A-II	P02652	Complement factor I	P05156	Plasma serine protease inhibitor	P05154
Apolipoprotein A-IV	P06727	Corticosteroid-binding globulin	P08185	Plasminogen	P00747
Apolipoprotein B-100	P04114	Cystatin-C	P01034	Plasminogen activator inhibitor 1	P05121
Apolipoprotein C-I	P02654	Endothelial protein C receptor	Q9UNN8	Pregnancy zone protein	P20742
Apolipoprotein C-II	P02655	Fetuin-B	Q9UGM5	Protein AMBP	P02760
Apolipoprotein C-III	P02656	Fibrinogen α chain	P02671	Protein S100-A9	P06702
Apolipoprotein C-IV	P55056	Fibrinogen β chain	P02675	Protein Z-dependent protease inhibitor	Q9UK55
Apolipoprotein D	P05090	Fibrinogen γ chain	P02679	Prothrombin	P00734
Apolipoprotein E	P02649	Fibronectin	P02751	Retinol-binding protein 4	P02753
Apolipoprotein L1	O14791	Fibulin-1	P23142	Serotransferrin	P02787
Apolipoprotein M	O95445	Galectin-3-binding protein	Q08380	Serum albumin	P02768
Apolipoprotein(a)	P08519	Gelsolin	P06396	Serum paraoxonase/arylesterase 1	P27169
Attractin	O75882	Glutathione peroxidase 3	P22352	Serum paraoxonase/lactonase 3	Q15166
β -2-glycoprotein 1 (Apolipoprotein H)	P02749	Haptoglobin	P00738	SPARC	P09486
β -Ala-His dipeptidase	Q96KN2	Hemoglobin subunit α	P69905	Tenascin	P24821
Biotinidase	P43251	Hemopexin	P02790	Tenascin-X	P22105
Cadherin-13	P55290	Heparin cofactor 2	P05546	Thrombospondin-1	P07996
Carbonic anhydrase 1	P00915	Hepatocyte growth factor-like protein	P26927	Thrombospondin-4	P35443
Carboxypeptidase B2	Q96IY4	Hyaluronan-binding protein 2	Q14520	Thyroxine-binding globulin	P05543
Cathelicidin antimicrobial peptide	P49913	Ig μ chain C region	P01871	Tissue factor pathway inhibitor	P10646
Cation-independent mannose-6-phosphate receptor	P11717	Insulin-like growth factor I	P05019	Tissue-type plasminogen activator	P00750
CD5 antigen-like	O43866	Inter- α -trypsin inhibitor heavy chain H2	P19823	Transferrin receptor protein 1	P02786
Ceruloplasmin	P00450	Intercellular adhesion molecule 1	P05362	Transthyretin	P02766
Cholinesterase	P06276	Interleukin-10	P22301	Vascular cell adhesion protein 1	P19320
Clusterin (Apolipoprotein J)	P10909	Kallistatin	P29622	Vasorin	Q6EMK4
Coagulation factor V	P12259	Keratin type I cytoskeletal 10	P13645	Vitamin K-dependent protein S	P07225
Coagulation factor VIII	P00451	Keratin-type II cytoskeletal 2 epidermal	P35908	Vitamin K-dependent protein Z	P22891
Coagulation factor IX	P00740	Kininogen-1	P01042	Vitronectin	P04004
Coagulation factor X	P00742			Zinc- α -2-glycoprotein	P25311

Mouse Plasma BAK-125

Protein	UniProt Acc.	Protein	UniProt Acc.	Protein	UniProt Acc.
78 kDa glucose-regulated protein	P11021	Coagulation factor XII	P00748	Leucine-rich α -2-glycoprotein	P02750
Adipocyte plasma membrane-associated protein	Q9HDC9	Complement C1q subcomponent subunit B	P02746	Lipopolysaccharide-binding protein	P18428
Adiponectin	Q15848	Complement C1q subcomponent subunit C	P02747	L-selectin	P14151
Afamin	P43652	Complement C1r subcomponent	P00736	Lysozyme C	P61626
α -1-acid glycoprotein 1	P02763	Complement C1r subcomponent-like protein	Q9NZP8	Mannan-binding lectin serine protease 1	P48740
α -1-antichymotrypsin	P01011	Complement C1s subcomponent	P09871	Mannan-binding lectin serine protease 2	O00187
α -1-antitrypsin	P01009	Complement C2	P06681	Metalloproteinase inhibitor 2	P16035
α -1B-glycoprotein	P04217	Complement C3	P01024	Myeloblastin	P24158
α -2-antiplasmin	P08697	Complement C5	P01031	Peroxiredoxin-2	P32119
α -2-HS-glycoprotein	P02765	Complement component C7	P10643	Phosphatidylinositol-glycan-specific phospholipase D	P80108
α -2-macroglobulin	P01023	Complement component C9	P02748	Phospholipid transfer protein	P55058
Antithrombin-III	P01008	Complement factor B	P00751	Pigment epithelium-derived factor	P36955
Apolipoprotein A-I	P02647	Complement factor H	P08603	Plasma protease C1 inhibitor	P05155
Apolipoprotein A-II	P02652	Complement factor I	P05156	Plasma serine protease inhibitor	P05154
Apolipoprotein A-IV	P06727	Corticosteroid-binding globulin	P08185	Plasminogen	P00747
Apolipoprotein B-100	P04114	Cystatin-C	P01034	Plasminogen activator inhibitor 1	P05121
Apolipoprotein C-I	P02654	Endothelial protein C receptor	Q9UNN8	Pregnancy zone protein	P20742
Apolipoprotein C-II	P02655	Fetuin-B	Q9UGM5	Protein AMBP	P02760
Apolipoprotein C-III	P02656	Fibrinogen α chain	P02671	Protein S100-A9	P06702
Apolipoprotein C-IV	P55056	Fibrinogen β chain	P02675	Protein Z-dependent protease inhibitor	Q9UK55
Apolipoprotein D	P05090	Fibrinogen γ chain	P02679	Prothrombin	P00734
Apolipoprotein E	P02649	Fibronectin	P02751	Retinol-binding protein 4	P02753
Apolipoprotein L1	O14791	Fibulin-1	P23142	Serotransferrin	P02787
Apolipoprotein M	O95445	Galectin-3-binding protein	Q08380	Serum albumin	P02768
Apolipoprotein(a)	P08519	Gelsolin	P06396	Serum paraoxonase/arylesterase 1	P27169
Attractin	O75882	Glutathione peroxidase 3	P22352	Serum paraoxonase/lactonase 3	Q15166
β -2-glycoprotein 1 (Apolipoprotein H)	P02749	Haptoglobin	P00738	SPARC	P09486
β -Ala-His dipeptidase	Q96KN2	Hemoglobin subunit α	P69905	Tenascin	P24821
Biotinidase	P43251	Hemopexin	P02790	Tenascin-X	P22105
Cadherin-13	P55290	Heparin cofactor 2	P05546	Thrombospondin-1	P07996
Carbonic anhydrase 1	P00915	Hepatocyte growth factor-like protein	P26927	Thrombospondin-4	P35443
Carboxypeptidase B2	Q96IY4	Hyaluronan-binding protein 2	Q14520	Thyroxine-binding globulin	P05543
Cathelicidin antimicrobial peptide	P49913	Ig μ chain C region	P01871	Tissue factor pathway inhibitor	P10646
Cation-independent mannose-6-phosphate receptor	P11717	Insulin-like growth factor I	P05019	Tissue-type plasminogen activator	P00750
CD5 antigen-like	O43866	Inter- α -trypsin inhibitor heavy chain H2	P19823	Transferrin receptor protein 1	P02786
Ceruloplasmin	P00450	Intercellular adhesion molecule 1	P05362	Transthyretin	P02766
Cholinesterase	P06276	Interleukin-10	P22301	Vascular cell adhesion protein 1	P19320
Clusterin (Apolipoprotein J)	P10909	Kallistatin	P29622	Vasorin	Q6EMK4
Coagulation factor IX	P00740	Keratin type I cytoskeletal 10	P13645	Vitamin K-dependent protein S	P07225
Coagulation factor V	P12259	Keratin-type II cytoskeletal 2 epidermal	P35908	Vitamin K-dependent protein Z	P22891
Coagulation factor VIII	P00451	Kininogen-1	P01042	Vitronectin	P04004
Coagulation factor X	P00742			Zinc- α -2-glycoprotein	P25311

Mouse Plasma BAK-125-2

Protein	UniProt Acc.	Protein	UniProt Acc.	Protein	UniProt Acc.
26S proteasome non-ATPase regulatory subunit 9	Q9CR00	Glucosidase 2 subunit β	O08795	Radixin	P26043
40S ribosomal protein S2	P25444	Glutathione reductase, mitochondrial	P47791	Serine protease inhibitor A3C	P29621
Actin, aortic smooth muscle	P62737	Glutathione S-transferase μ 1	P10649	Serine protease inhibitor A3M	Q03734
α -2-macroglobulin receptor-associated protein	P55302	Glycerol-3-phosphate phosphatase	Q8CHP8	Serine protease inhibitor A3N	Q91WP6
α -actinin-1	Q7TPR4	Granulins	P28798	Serum amyloid A-4 protein	P31532
α -amylase 1	P00687	Hemoglobin subunit α	P01942	Sorbitol dehydrogenase	Q64442
α -synuclein	O55042	Hemoglobin subunit ζ	P06467	SPARC	P07214
Apolipoprotein B-100	E9Q414	Hepatocyte growth factor activator	Q9R098	Spermine oxidase	Q99K82
ATP synthase subunit d, mitochondrial	Q9DCX2	Ig salt chain C region	P01878	TBC1 domain family member 10A	P58802
β -1,4-galactosyltransferase 1	P15535	Ig heavy chain V region 102	P01750	Thioredoxin	P10639
β -2-glycoprotein 1	Q01339	Ig heavy chain V region MOPC 47A	P01786	Thrombospondin-1	P35441
β -enolase	P21550	Ig κ chain V19-17	P01633	Thyroxine-binding globulin	P61939
Bleomycin hydrolase	Q8R016	Ig κ chain V-II region 7S34.1	P01630	Transaldolase	Q93092
Cadherin-1	P09803	Ig κ chain V-III region PC 2154	P01674	Transcobalamin-2	O88968
Carbonic anhydrase 3	P16015	Ig κ chain V-V region MOPC 149	P01636	Transketolase	P40142
Carboxylesterase 1C	P23953	Ig κ chain V-V region MOPC 173	P01643	Translocon-associated protein subunit α	Q9CY50
Carboxylesterase 3A	Q63880	Ig μ chain C region	P01872	Transthyretin	P07309
Cathepsin S	O70370	Insulin-like growth factor I	P05017	Tropomyosin α -1 chain	P58771
Cathepsin Z	Q9WJU7	Keratin, type I cytoskeletal 14	Q61781	Ubiquitin-conjugating enzyme E2 N	P61089
Cell growth regulator with EF hand domain protein 1	Q8R1U2	Keratin, type I cytoskeletal 16	Q9Z2K1	Ubiquitin-like protein ISG15	Q64339
Chitinase-1	Q9D7Q1	Keratin, type II cytoskeletal 2 epidermal	Q3TTY5	Uromodulin	Q91X17
Cholinesterase	Q03311	Keratin, type II cytoskeletal 5	Q922U2	WD repeat-containing protein 1	O88342
Chromogranin-A	P26339	Kunitz-type protease inhibitor 1	Q9R097		
Clusterin	Q06890	Lactoylglutathione lyase	Q9CPU0		
Coagulation factor VII	P70375	Low molecular weight phosphotyrosine protein phosphatase	Q9D358		
Coagulation factor IX	P16294	L-selectin	P18337		
Cofilin-1	P18760	Lysosomal α -mannosidase	O09159		
Collagen α -1(I) chain	P11087	Mesothelin	Q61468		
Collagen α -1(III) chain	P08121	Murinoglobulin-1	P28665		
Complement component C8 α chain	Q8K182	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	Q9CWS0		
Complement component C9	P06683	Neural cell adhesion molecule 1	P13595		
Complement factor H	P06909	Nucleobindin-1	Q02819		
Core histone macro-H2A.2	Q8CCK0	Nucleosome assembly protein 1-like 4	Q78ZA7		
Cystatin-C	P21460	Out at first protein homolog	Q8QZR4		
Cytochrome c, somatic	P62897	Pancreatic α -amylase	P00688		
Di-N-acetylchitinase	Q8R242	Papilin	Q9EPX2		
Dyslexia-associated protein KIAA0319-like protein	Q8K135	Perilipin-3	Q9DBG5		
Dystroglycan	Q62165	Peroxiredoxin-4	O08807		
EF-hand domain-containing protein D2	Q9D8Y0	Peroxiredoxin-6	O08709		
EGF-containing fibulin-like extracellular matrix protein 1	Q8BPP5	Platelet-activating factor acetylhydrolase	Q60963		
Electron transfer flavoprotein subunit β	Q9DCW4	Plexin domain-containing protein 2	Q9DC11		
Elongation factor 1- α 1	P10126	Profilin-1	P62962		
Elongation factor 1- β	O70251	Prolow-density lipoprotein receptor-related protein 1	Q91ZX7		
Endoplasmic reticulum aminopeptidase 1	Q9EQH2	Properdin	P11680		
Eukaryotic translation initiation factor 3 subunit E	P60229	Proteasome activator complex subunit 2	P97372		
Ezrin	P26040	Proteasome subunit α type-5	Q9Z2U1		
Fibrinogen α chain	E9PV24	Proteasome subunit α type-6	Q9QUM9		
Ficolin-1	O70165	Proteasome subunit β type-1	O09061		
Fumarylacetoacetase	P35505	Proteasome subunit β type-4	P99026		
Galectin-1	P16045	Protein DEK	Q7TINV0		
		Proteoglycan 4	Q9JM99		
		P-selectin	Q01102		
		Pyruvate kinase PKM	P52480		

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Protein	UniProt Acc.	Protein	UniProt Acc.	Protein	UniProt Acc.
14-3-3 protein ζ	O70456	Desmoglein-2	O55111	Mannose-binding protein C	P41317
26S protease regulatory subunit 6A	O88685	Eukaryotic initiation factor 4A-1	P60843	Matrix metalloproteinase-17	Q9R053
40S ribosomal protein S20	P60867	Eukaryotic translation initiation factor 3 subunit 1	Q9QZD9	MLV-related proviral Env polyprotein	P10404
60 kDa heat shock protein, mitochondrial	P63038	Eukaryotic translation initiation factor 4B	Q8BGD9	Myeloperoxidase	P11247
6-phosphogluconolactonase	Q9CQ60	Exostosin-1	P97464	Myosin light polypeptide 6	Q60605
Actin, cytoplasmic 2	P63260	Ferritin heavy chain	P09528	Nidogen-1	P10493
ADAMTS-like protein 4	Q80T21	Fibrinogen-like protein 1	Q71KU9	Nitrilase homolog 1	Q8VDK1
Adipolin	Q8R2Z0	Flavin reductase (NADPH)	Q923D2	Noelin	O88998
α -1-acid glycoprotein 1	Q60590	Follistatin-related protein 1	Q62356	Pappalysin-1	Q8R4K8
α -1-antitrypsin 1-2	P22599	Glutamate receptor ionotropic, NMDA 2A	P35436	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	Q9QUR7
α -1-antitrypsin 1-5	Q00898	Glutamine synthetase	P15105	Phosphatidylcholine-sterol acyltransferase	P16301
α -2-macroglobulin-P	Q6GQT1	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic	P13707	Phosphatidylethanolamine-binding protein 1	P70296
α -hemoglobin-stabilizing protein	Q9CY02	Glycogen phosphorylase, liver form	Q9ET01	Phosphatidylinositol-glycan-specific phospholipase D	O70362
Aminoacyl tRNA synthase complex-interacting multifunctional protein 1	P31230	Glycosylation-dependent cell adhesion molecule 1	Q02596	Plastin-2	Q61233
Angiogenin	P21570	Golgi-associated PDZ and coiled-coil motif-containing protein	Q8BH60	Podocan	Q77Q62
Angiotensin-1 receptor	Q02858	Growth/differentiation factor 8	O08689	Pregnancy zone protein	Q61838
Apolipoprotein A-I	Q00623	GTP-binding nuclear protein Ran	P62827	Prenylcysteine oxidase	Q9CQF9
Apolipoprotein E	P08226	Heme-binding protein 1	Q9R257	Procollagen C-endopeptidase enhancer 1	Q61398
Arginase-1	Q61176	Ig γ -3 chain C region	P03987	Proline-rich acidic protein 1	Q80XD8
ATP synthase subunit β , mitochondrial	P56480	Ig κ chain V-II region 17S29.1	P03976	Proteasome subunit α type-2	P49722
Atrial natriuretic peptide receptor 1	P18293	Ig κ chain V-II region 26-10	P01631	Proteasome subunit β type-10	O35955
β -2-microglobulin	P01887	Ig κ chain V-IV region S107B	P01680	Protein CTLA-2- α	P12399
Bifunctional purine biosynthesis protein PURH	Q9CWI9	Ig κ chain V-V region K2	P01635	Protein disulfide-isomerase	P09103
Calpastatin	P51125	Ig κ chain V-VI region NQ2-6.1	P04945	Protein phosphatase 1 regulatory subunit 7	Q3UM45
CapZ-interacting protein	Q3UZA1	Insulin-like growth factor II	P09535	Prothrombin	P19221
Carbonic anhydrase 1	P13634	Insulin-like growth factor-binding protein 6	P47880	Retinoic acid receptor responder protein 2	Q9DD06
Carboxylesterase 1D	Q8VCT4	Insulin-like growth factor-binding protein complex acid labile subunit	P70389	Retinol-binding protein 4	Q00724
Carboxypeptidase N subunit 2	Q9DBB9	κ -casein	P06796	Selenoprotein P	P70274
Cathepsin B	P10605	Keratin, type II cytoskeletal 2 oral	Q3UV17	Serum amyloid A-2 protein	P05367
Caveolae-associated protein 2	Q63918	Keratin, type II cytoskeletal 8	P11679	Serum amyloid P-component	P12246
CD97 antigen	Q9Z0M6	Lactotransferrin	P08071	Serum paraoxonase/lactonase 3	Q62087
Coactosin-like protein	Q9CQI6	Laminin subunit α -2	Q60675	SPARC-like protein 1	P70663
Coiled-coil domain-containing protein 25	Q78PG9	Leptin receptor	P48356	Splicing factor 3B subunit 5	Q923D4
Collagen α -1(XII) chain	Q60847	Liprin- α -2	Q8B5S9	Superoxide dismutase [Cu-Zn]	P08228
Collagen α -2(XI) chain	Q64739	L-lactate dehydrogenase B chain	P16125	Thrombospondin-4	Q9Z1T2
Complement C1q subcomponent subunit B	P14106	Lysosomal protective protein	P16675	Transforming growth factor β -1	P04202
Complement C1s-A subcomponent	Q8CG14	Lysosome-associated membrane glycoprotein 1	P11438	Tropomyosin α -3 chain	P21107
Complement C2	P21180	Macrophage migration inhibitory factor	P34884	Tyrosine-protein kinase receptor Tie-1	Q06806
Complement C5	P06684	Mannan-binding lectin serine protease 1	P98064	UMP-CMP kinase	Q9DBP5
Copper transport protein ATOX1	O08997	Mannose-binding protein A	P39039	Vasopressin-neurophysin 2-copeptin	P35455
Coronin-1C	Q9WUM4			Vinculin	Q64727
Cysteine-rich protein 2	Q9DCT8			Vitamin K-dependent protein S	Q08761
Cytosol aminopeptidase	Q9CPY7				

