

SWATH- MS for prospective identification of protein blood biomarkers of rtPA-associated intracranial hemorrhage in acute ischemic stroke: a pilot study

Bartosz Karaszewski, Anna Gójska-Grymajło, Paulina Czaplewska, Bartosz Jabłoński, Aleksandra E. Lewandowska, Daria Ossowska, Adam Wyszomirski, Marek Hałas, Edyta Szurowska

Supplementary Table 2a. Differences in distributions of serum proteins in patients with and without intracranial hemorrhage (ICH).

	Without ICH (N=31)	With ICH (N=8)	p value
Q96PD5 (N-acetylmuramoyl-L-alanine amidase)			0.005
Min-Max	80530 - 231020	81564 - 125403	
Mean	134707	105072	
Median (Q1,Q3)	132403 (112506, 144959)	106430 (97185, 112539)	
Quartile coefficient of dispersion	0.13	0.07	
P08697 (Alpha-2-antiplasmin)			0.008
Min-Max	83714 - 371646	81827 - 234129	
Mean	196150	132496	
Median (Q1,Q3)	187178 (159237, 248123)	115280 (104682, 147788)	
Quartile coefficient of dispersion	0.22	0.17	
P02768 (Serum albumin)			0.009
Min-Max	15938112 - 70009459	40556735 - 87367623	
Mean	46707880	63506160	

Median (Q1,Q3)	45342383 (39620003, 55110740)	62189923 (57234653, 67960436)	
Quartile coefficient of dispersion	0.16	0.09	
P05543 (Thyroxine-binding globulin)			0.011
Min-Max	88729 - 744012	87469 - 270867	
Mean	246129	150981	
Median (Q1,Q3)	228327 (170936, 283297)	136446 (126292, 162640)	
Quartile coefficient of dispersion	0.25	0.13	
P02790 (Hemopexin)			0.015
Min-Max	1529212 - 10034154	2103865 - 7912770	
Mean	7057868	5085098	
Median (Q1,Q3)	7305937 (5506160, 8763109)	4938764 (3924808, 6221529)	
Quartile coefficient of dispersion	0.23	0.23	
P01861 (Immunoglobulin heavy constant gamma 4)			0.024
Min-Max	18771 - 894352	113538 - 840738	
Mean	233105	472844	
Median (Q1,Q3)	134459 (69795, 346066)	486461 (272433, 685669)	
Quartile coefficient of dispersion	0.66	0.43	
P01019 (Angiotensinogen)			0.037
Min-Max	137709 - 1159487	147931 - 682099	
Mean	677010	478946	

Median (Q1,Q3)	686761 (519703, 871019)	512997 (352909, 662496)	
Quartile coefficient of dispersion	0.25	0.3	
P02749 (Beta-2-glycoprotein 1)			0.044
Min-Max	56509 - 1169304	201327 - 464766	
Mean	541356	348704	
Median (Q1,Q3)	488446 (355246, 760907)	350912 (261735, 446516)	
Quartile coefficient of dispersion	0.36	0.26	
P19823 (Inter-alpha-trypsin inhibitor heavy chain H2)			0.056
Min-Max	729341 - 3171013	834291 - 2068879	
Mean	1780560	1436200	
Median (Q1,Q3)	1767384 (1484983, 2005710)	1549345 (1319857, 1581386)	
Quartile coefficient of dispersion	0.15	0.09	
P32119 (Peroxiredoxin-2)			0.056
Min-Max	36012 - 766092	28774 - 127392	
Mean	141264	78912	
Median (Q1,Q3)	107451 (74532, 162120)	80482 (60335, 92560)	
Quartile coefficient of dispersion	0.37	0.21	
Q14624 (Inter-alpha-trypsin inhibitor heavy chain H4)			0.060
Min-Max	490176 - 4120163	568790 - 2437440	
Mean	2145604	1584043	
Median (Q1,Q3)	2204921 (1744378, 2431096)	1692654 (1143200, 2041087)	

Quartile coefficient of dispersion	0.16	0.28	
P02787 (Serotransferrin)			0.071
Min-Max	9847917 - 25900689	10361381 - 18522804	
Mean	17548875	14668587	
Median (Q1,Q3)	17617716 (15307978, 20187456)	14689258 (12383437, 16891429)	
Quartile coefficient of dispersion	0.14	0.15	
P00915 (Carbonic anhydrase 1)			0.071
Min-Max	32184 - 1097373	20227 - 110685	
Mean	207366	57991	
Median (Q1,Q3)	75716 (51485, 282951)	52932 (36028, 72638)	
Quartile coefficient of dispersion	0.69	0.34	
P10909 (Clusterin)			0.076
Min-Max	1264661 - 3996865	1018999 - 2779293	
Mean	2381176	1870060	
Median (Q1,Q3)	2271576 (1893574, 2799610)	1866170 (1487033, 2179787)	
Quartile coefficient of dispersion	0.19	0.19	
P20742 (Pregnancy zone protein)			0.076
Min-Max	7472 - 112104	10875 - 49231	
Mean	40409	24558	
Median (Q1,Q3)	32290 (23374, 42495)	18408 (15458, 31921)	
Quartile coefficient of dispersion	0.29	0.35	
P01024 (Complement C3)			0.082

Min-Max	1746065 - 11137908	1682627 - 8684874	
Mean	6979686	5226601	
Median (Q1,Q3)	7587452 (4736200, 8491171)	5368823 (4129150, 6103989)	
Quartile coefficient of dispersion	0.28	0.19	
P00450 (Ceruloplasmin)			0.088
Min-Max	953846 - 3575269	1203621 - 2590327	
Mean	2553162	2132529	
Median (Q1,Q3)	2560285 (2166887, 2936375)	2235804 (1968824, 2463766)	
Quartile coefficient of dispersion	0.15	0.11	
P09871 (Complement C1s subcomponent)			0.088
Min-Max	91828 - 427834	105661 - 277521	
Mean	220083	171761	
Median (Q1,Q3)	203423 (177966, 253096)	169370 (149330, 184900)	
Quartile coefficient of dispersion	0.17	0.11	
P02654 (Apolipoprotein C-I)			0.088
Min-Max	388454 - 2864062	470080 - 1550752	
Mean	1563911	1131136	
Median (Q1,Q3)	1489515 (1144457, 2042632)	1245277 (977319, 1348898)	
Quartile coefficient of dispersion	0.28	0.16	
P19652 (Alpha-1-acid glycoprotein 2)			0.088
Min-Max	996578 - 4198103	1240005 - 1613404	

Mean	1959560	1442926	
Median (Q1,Q3)	1733767 (1412742, 2398621)	1444711 (1364402, 1533956)	
Quartile coefficient of dispersion	0.26	0.06	
P19827 (Inter-alpha-trypsin inhibitor heavy chain H1)			0.095
Min-Max	596883 - 3094317	572017 - 1610412	
Mean	1523548	1150994	
Median (Q1,Q3)	1461853 (1046430, 1852136)	1263532 (1017523, 1337547)	
Quartile coefficient of dispersion	0.28	0.14	
P04004 (Vitronectin)			0.095
Min-Max	1301529 - 5187862	1048719 - 3915051	
Mean	2971785	2388592	
Median (Q1,Q3)	2925887 (2390483, 3408604)	2173433 (1995989, 2912911)	
Quartile coefficient of dispersion	0.18	0.19	
P25311 (Zinc-alpha-2-glycoprotein)			0.102
Min-Max	649967 - 2533847	1138458 - 2213197	
Mean	1273333	1505380	
Median (Q1,Q3)	1286002 (1090644, 1414985)	1349343 (1320890, 1592671)	
Quartile coefficient of dispersion	0.13	0.09	
P00742 (Coagulation factor X)			0.102
Min-Max	32917 - 142858	48080 - 72085	
Mean	77407	59015	

Median (Q1,Q3)	71622 (57815, 92595)	58534 (49988, 66327)	
Quartile coefficient of dispersion	0.23	0.14	
P68871 (Hemoglobin subunit beta)			0.110
Min-Max	175440 - 31066896	232399 - 4707689	
Mean	6481595	1694692	
Median (Q1,Q3)	1887353 (857031, 9445696)	1452066 (387875, 2149624)	
Quartile coefficient of dispersion	0.83	0.69	
P05546 (Heparin cofactor 2)			0.110
Min-Max	304463 - 1899776	389390 - 1423889	
Mean	1042653	820499	
Median (Q1,Q3)	1079588 (716714, 1280902)	745858 (556622, 1053529)	
Quartile coefficient of dispersion	0.28	0.31	
P07358 (Complement component C8 beta chain)			0.110
Min-Max	80940 - 365631	69712 - 228656	
Mean	201374	155982	
Median (Q1,Q3)	218786 (134572, 241273)	142834 (120930, 203530)	
Quartile coefficient of dispersion	0.28	0.25	
P02743 (Serum amyloid P-component)			0.110
Min-Max	199820 - 914299	238512 - 721619	
Mean	571032	448394	
Median (Q1,Q3)	585780 (406572, 743827)	401083 (330162, 575279)	

Quartile coefficient of dispersion	0.29	0.27	
000391 (Sulfhydryl oxidase 1)			0.110
Min-Max	12276 - 300422	13545 - 151610	
Mean	54275	35049	
Median (Q1,Q3)	26182 (19021, 78124)	18436 (16637, 22968)	
Quartile coefficient of dispersion	0.61	0.16	
P02042 (Hemoglobin subunit delta)			0.110
Min-Max	9151 - 822709	14856 - 86703	
Mean	180900	48361	
Median (Q1,Q3)	105702 (32979, 226254)	46337 (31139, 65960)	
Quartile coefficient of dispersion	0.75	0.36	
P01008 (Antithrombin-III)			0.118
Min-Max	508634 - 1859548	519105 - 1624816	
Mean	1281486	1022972	
Median (Q1,Q3)	1307321 (895972, 1677777)	1018850 (603030, 1339527)	
Quartile coefficient of dispersion	0.3	0.38	
P01871 (Immunoglobulin heavy constant mu)			0.118
Min-Max	925993 - 8721681	1369985 - 4483848	
Mean	3759780	2652999	
Median (Q1,Q3)	3404702 (2290810, 4898033)	2717607 (2029429, 3021727)	
Quartile coefficient of dispersion	0.36	0.2	
P05156 (Complement factor I)			0.118

Min-Max	130369 - 631258	158557 - 426556	
Mean	362631	283979	
Median (Q1,Q3)	342273 (244783, 441818)	276037 (199689, 348525)	
Quartile coefficient of dispersion	0.29	0.27	
P08603 (Complement factor H)			0.126
Min-Max	710494 - 1996111	552486 - 1144871	
Mean	1099158	924732	
Median (Q1,Q3)	1067216 (898353, 1220586)	930414 (864092, 1056757)	
Quartile coefficient of dispersion	0.15	0.1	
P01042 (Kininogen-1)			0.126
Min-Max	1183463 - 3533273	1418544 - 2804195	
Mean	2528164	2178966	
Median (Q1,Q3)	2609633 (2049227, 3001365)	2229574 (1882781, 2528366)	
Quartile coefficient of dispersion	0.19	0.15	
P02652 (Apolipoprotein A-II)			0.144
Min-Max	1063845 - 6743155	2871098 - 5625528	
Mean	3303624	3884846	
Median (Q1,Q3)	3025588 (2265192, 4108029)	3382875 (3062915, 4886732)	
Quartile coefficient of dispersion	0.29	0.23	
P69905 (Hemoglobin subunit alpha)			0.144
Min-Max	296171 - 22828327	324713 - 4413238	

Mean	5556441	2056674	
Median (Q1,Q3)	2556619 (1227559, 8941966)	1990975 (585750, 2835821)	
Quartile coefficient of dispersion	0.76	0.66	
P02679 (Fibrinogen gamma chain)			0.164
Min-Max	32923 - 287331	39305 - 93616	
Mean	91894	60991	
Median (Q1,Q3)	76462 (54605, 95301)	58469 (50508, 69185)	
Quartile coefficient of dispersion	0.27	0.16	
P13645 (Keratin, type I cytoskeletal 10)			0.164
Min-Max	36136 - 503761	28923 - 625327	
Mean	211077	341704	
Median (Q1,Q3)	205579 (107312, 297895)	385301 (165536, 509230)	
Quartile coefficient of dispersion	0.47	0.51	
P01034 (Cystatin-C)			0.164
Min-Max	5591 - 72790	13665 - 67434	
Mean	23370	30939	
Median (Q1,Q3)	20200 (15395, 23790)	25841 (19694, 36556)	
Quartile coefficient of dispersion	0.21	0.3	
P02774 (Vitamin D-binding protein)			0.175
Min-Max	1201721 - 3325668	1234349 - 2357953	
Mean	2003885	1707655	
Median (Q1,Q3)	1866633 (1589260, 2420938)	1594873 (1436519, 1975716)	

Quartile coefficient of dispersion	0.21	0.16	
P00748 (Coagulation factor XII)			0.175
Min-Max	48483 - 734964	88008 - 194082	
Mean	187935	137917	
Median (Q1,Q3)	163014 (136803, 219763)	138706 (102130, 165874)	
Quartile coefficient of dispersion	0.23	0.24	
A0A0C4DH68 (Immunoglobulin kappa variable 2-24)			0.175
Min-Max	55703 - 577342	118700 - 174307	
Mean	144038	146728	
Median (Q1,Q3)	119496 (94083, 160417)	143107 (130773, 165199)	
Quartile coefficient of dispersion	0.26	0.12	
P02538 (Keratin, type II cytoskeletal 6A)			0.186
Min-Max	36901 - 109000	27962 - 104099	
Mean	66105	54876	
Median (Q1,Q3)	61783 (52567, 79880)	49284 (37375, 66647)	
Quartile coefficient of dispersion	0.21	0.28	
Q9Y5Y7 (Lymphatic vessel endothelial hyaluronic acid receptor 1)			0.198
Min-Max	7723 - 51109	10104 - 25086	
Mean	22245	16510	
Median (Q1,Q3)	19912 (16797, 27823)	15257 (10693, 22429)	
Quartile coefficient of dispersion	0.25	0.35	
P01031 (Complement C5)			0.211

Min-Max	259223 - 1056965	384816 - 790077	
Mean	568727	502579	
Median (Q1,Q3)	555791 (469347, 619004)	465460 (407536, 539396)	
Quartile coefficient of dispersion	0.14	0.14	
P43652 (Afamin)			0.211
Min-Max	188516 - 973473	263403 - 672068	
Mean	563649	487940	
Median (Q1,Q3)	585279 (447839, 676914)	530390 (372132, 575294)	
Quartile coefficient of dispersion	0.2	0.21	
P06681 (Complement C2)			0.211
Min-Max	159450 - 931182	156455 - 297253	
Mean	267471	210673	
Median (Q1,Q3)	230903 (202658, 260421)	211741 (188341, 220830)	
Quartile coefficient of dispersion	0.12	0.08	
P02766 (Transthyretin)			0.211
Min-Max	287418 - 5310922	609623 - 2468366	
Mean	1580041	1223749	
Median (Q1,Q3)	1276872 (1026463, 2076808)	956296 (866952, 1417409)	
Quartile coefficient of dispersion	0.34	0.24	
Q08380 (Galectin-3-binding protein)			0.211
Min-Max	31111 - 194737	26628 - 148775	

Mean	78785	64611	
Median (Q1,Q3)	69831 (54754, 85529)	58093 (48320, 61851)	
Quartile coefficient of dispersion	0.22	0.12	
P17936 (Insulin-like growth factor-binding protein 3)			0.211
Min-Max	11676 - 80692	17407 - 39702	
Mean	39038	31021	
Median (Q1,Q3)	37552 (24973, 47385)	33535 (27752, 35914)	
Quartile coefficient of dispersion	0.31	0.13	
P10643 (Complement component C7)			0.223
Min-Max	124514 - 765490	166191 - 309387	
Mean	307305	247263	
Median (Q1,Q3)	280741 (235752, 367975)	248344 (216679, 295790)	
Quartile coefficient of dispersion	0.22	0.15	
P02760 (Protein AMBP)			0.237
Min-Max	76414 - 878459	76817 - 1116262	
Mean	488325	610191	
Median (Q1,Q3)	474989 (272930, 693242)	594507 (539801, 701933)	
Quartile coefficient of dispersion	0.44	0.13	
P04275 (von Willebrand factor)			0.251
Min-Max	32888 - 263254	16864 - 111114	
Mean	87735	65911	
Median (Q1,Q3)	77960 (54621, 97625)	74063 (42489, 81204)	

Quartile coefficient of dispersion	0.28	0.31	
P05090 (Apolipoprotein D)			0.251
Min-Max	338171 - 1686498	488310 - 1070242	
Mean	736051	820940	
Median (Q1,Q3)	719305 (529754, 870852)	885159 (699958, 954142)	
Quartile coefficient of dispersion	0.24	0.15	
P0C0L5 (Complement C4-B)			0.251
Min-Max	36738 - 459702	31124 - 276160	
Mean	172087	124626	
Median (Q1,Q3)	194521 (75740, 232762)	94572 (72770, 176383)	
Quartile coefficient of dispersion	0.51	0.42	
P15169 (Carboxypeptidase N catalytic chain)			0.251
Min-Max	11755 - 381594	14520 - 57175	
Mean	54860	35493	
Median (Q1,Q3)	44930 (35023, 55400)	34670 (20418, 52280)	
Quartile coefficient of dispersion	0.23	0.44	
P01860 (Immunoglobulin heavy constant gamma 3)			0.251
Min-Max	47805 - 3471666	120386 - 3602621	
Mean	1047819	1407784	
Median (Q1,Q3)	811484 (462867, 1681779)	1206095 (831689, 1714008)	
Quartile coefficient of dispersion	0.57	0.35	
P01876 (Immunoglobulin heavy constant alpha 1)			0.266

Min-Max	146137 - 22886824	6948247 - 21664617	
Mean	8478667	10850065	
Median (Q1,Q3)	8745899 (6499732, 10233352)	9337267 (8609602, 10751933)	
Quartile coefficient of dispersion	0.22	0.11	
P29622 (Kallistatin)			0.281
Min-Max	87065 - 662480	96992 - 273268	
Mean	236640	189151	
Median (Q1,Q3)	217047 (177131, 267847)	198998 (158165, 220522)	
Quartile coefficient of dispersion	0.2	0.16	
Q96IY4 (Carboxypeptidase B2)			0.281
Min-Max	40633 - 135787	34210 - 113807	
Mean	71265	62992	
Median (Q1,Q3)	67548 (60543, 77936)	63233 (47013, 67762)	
Quartile coefficient of dispersion	0.13	0.18	
Q06033 (Inter-alpha-trypsin inhibitor heavy chain H3)			0.297
Min-Max	90921 - 1731505	152897 - 316337	
Mean	294490	223751	
Median (Q1,Q3)	246020 (203601, 287491)	209488 (183908, 254171)	
Quartile coefficient of dispersion	0.17	0.16	
P18428 (Lipopolysaccharide-binding protein)			0.297
Min-Max	63004 - 705125	72880 - 293668	
Mean	208531	164408	

Median (Q1,Q3)	177004 (144192, 214395)	143465 (120545, 200686)	
Quartile coefficient of dispersion	0.2	0.25	
P02671 (Fibrinogen alpha chain)			0.313
Min-Max	55420 - 634019	58309 - 123471	
Mean	131312	91311	
Median (Q1,Q3)	91963 (76930, 144273)	94576 (64881, 115410)	
Quartile coefficient of dispersion	0.3	0.28	
P02675 (Fibrinogen beta chain)			0.313
Min-Max	63289 - 347320	71380 - 192038	
Mean	141444	108917	
Median (Q1,Q3)	116020 (86432, 156544)	88183 (83546, 126580)	
Quartile coefficient of dispersion	0.29	0.2	
P01834 (Immunoglobulin kappa constant)			0.313
Min-Max	8039875 - 39711275	10704840 - 38034915	
Mean	22516663	25958345	
Median (Q1,Q3)	23851235 (15342169, 28685033)	26056836 (22248716, 31662261)	
Quartile coefficient of dispersion	0.3	0.17	
P02775 (Platelet basic protein)			0.313
Min-Max	74877 - 993155	340870 - 702108	
Mean	442630	478682	
Median (Q1,Q3)	380165 (307478, 527889)	438373 (388897, 520626)	
Quartile coefficient of dispersion	0.26	0.14	

P00740 (Coagulation factor IX)			0.313
Min-Max	3916 - 88285	6643 - 49522	
Mean	24670	25970	
Median (Q1,Q3)	21106 (12600, 28364)	27568 (19772, 29403)	
Quartile coefficient of dispersion	0.38	0.2	
P0DJI8 (Serum amyloid A-1 protein)			0.330
Min-Max	46666 - 717250	80711 - 415639	
Mean	211489	248812	
Median (Q1,Q3)	147793 (100259, 271366)	260180 (174084, 324518)	
Quartile coefficient of dispersion	0.46	0.3	
O75636 (Ficolin-3)			0.330
Min-Max	103544 - 481080	116464 - 201859	
Mean	179008	156931	
Median (Q1,Q3)	173722 (143988, 194378)	158814 (139136, 172102)	
Quartile coefficient of dispersion	0.15	0.11	
Q15582 (Transforming growth factor- beta-induced protein ig-h3)			0.330
Min-Max	10574 - 101942	14833 - 51792	
Mean	30206	32192	
Median (Q1,Q3)	26946 (19052, 33914)	32349 (28338, 36834)	
Quartile coefficient of dispersion	0.28	0.13	
A0A0B4J2H0 (Immunoglobulin heavy variable 1-69D)			0.330
Min-Max	39763 - 351067	54795 - 186209	
Mean	121886	92703	

Median (Q1,Q3)	112557 (69302, 136169)	77280 (67486, 103839)	
Quartile coefficient of dispersion	0.33	0.21	
P00736 (Complement C1r subcomponent)			0.348
Min-Max	159012 - 488690	169209 - 282187	
Mean	264107	231673	
Median (Q1,Q3)	252569 (220863, 300778)	235859 (202708, 259853)	
Quartile coefficient of dispersion	0.15	0.12	
P08185 (Corticosteroid-binding globulin)			0.348
Min-Max	150842 - 952794	155401 - 498071	
Mean	438999	363555	
Median (Q1,Q3)	420370 (349754, 493085)	382671 (308245, 467581)	
Quartile coefficient of dispersion	0.17	0.21	
P04003 (C4b-binding protein alpha chain)			0.366
Min-Max	222159 - 1639497	294021 - 1278791	
Mean	877348	752672	
Median (Q1,Q3)	737473 (550113, 1252470)	728581 (437897, 1015649)	
Quartile coefficient of dispersion	0.39	0.4	
P03952 (Plasma kallikrein)			0.366
Min-Max	91720 - 303213	97232 - 275717	
Mean	201726	180662	

Median (Q1,Q3)	204128 (155014, 256163)	176475 (155802, 217046)	
Quartile coefficient of dispersion	0.25	0.16	
P07357 (Complement component C8 alpha chain)			0.366
Min-Max	128337 - 628348	109476 - 354873	
Mean	234189	201661	
Median (Q1,Q3)	194888 (172844, 269502)	182685 (149321, 232125)	
Quartile coefficient of dispersion	0.22	0.22	
P43251 (Biotinidase)			0.366
Min-Max	36103 - 199200	49413 - 112687	
Mean	82666	73341	
Median (Q1,Q3)	74171 (61639, 98478)	64187 (55269, 85188)	
Quartile coefficient of dispersion	0.23	0.21	
P07477 (Trypsin-1)			0.366
Min-Max	19547 - 366899	11523 - 92154	
Mean	64433	43034	
Median (Q1,Q3)	44898 (31738, 76290)	38709 (28810, 52711)	
Quartile coefficient of dispersion	0.41	0.29	
P02647 (Apolipoprotein A-I)			0.385
Min-Max	20196120 - 51154626	22688896 - 48845735	
Mean	38185789	39660379	
Median (Q1,Q3)	38878276 (33016133, 43710606)	42312439 (37460404, 44510749)	
Quartile coefficient of dispersion	0.14	0.09	

P01011 (Alpha-1-antichymotrypsin)			0.385
Min-Max	634921 - 14266570	880311 - 5223684	
Mean	3319673	2535023	
Median (Q1,Q3)	3234318 (2185059, 4045015)	2194835 (1178295, 3566471)	
Quartile coefficient of dispersion	0.3	0.5	
P00747 (Plasminogen)			0.385
Min-Max	594580 - 2164693	569357 - 1259705	
Mean	1024346	909489	
Median (Q1,Q3)	986005 (829266, 1192674)	877998 (722639, 1109716)	
Quartile coefficient of dispersion	0.18	0.21	
P07225 (Vitamin K-dependent protein S)			0.385
Min-Max	112911 - 509863	214993 - 391218	
Mean	323423	300559	
Median (Q1,Q3)	344269 (257230, 386123)	312524 (252112, 343187)	
Quartile coefficient of dispersion	0.2	0.15	
P01602 (Immunoglobulin kappa variable 1-5)			0.404
Min-Max	35390 - 338419	51807 - 457874	
Mean	124642	179480	
Median (Q1,Q3)	92960 (64716, 159123)	129092 (82174, 200718)	
Quartile coefficient of dispersion	0.42	0.42	
P04217 (Alpha-1B-glycoprotein)			0.424

Min-Max	801928 - 2798543	1592396 - 2842390	
Mean	2044772	2161286	
Median (Q1,Q3)	1950036 (1743566, 2437535)	2094196 (1915989, 2356696)	
Quartile coefficient of dispersion	0.17	0.1	
P01782 (Immunoglobulin heavy variable 3-9)			0.424
Min-Max	15565 - 1225023	23607 - 86656	
Mean	95205	50373	
Median (Q1,Q3)	54647 (34354, 64532)	45420 (35527, 61118)	
Quartile coefficient of dispersion	0.31	0.26	
P01859 (Immunoglobulin heavy constant gamma 2)			0.444
Min-Max	1068510 - 4171201	1500891 - 3467956	
Mean	2528040	2758375	
Median (Q1,Q3)	2515997 (1801456, 3246819)	3047268 (2114571, 3376611)	
Quartile coefficient of dispersion	0.29	0.23	
P05154 (Plasma serine protease inhibitor)			0.444
Min-Max	83465 - 465865	57947 - 224940	
Mean	148929	127938	
Median (Q1,Q3)	132039 (106762, 163319)	111103 (90667, 167991)	
Quartile coefficient of dispersion	0.21	0.3	
P02533 (Keratin, type I cytoskeletal 14)			0.444

Min-Max	33543 - 2030448	71290 - 303749	
Mean	189057	126071	
Median (Q1,Q3)	87938 (66861, 128356)	87213 (80471, 145783)	
Quartile coefficient of dispersion	0.32	0.29	
P35542 (Serum amyloid A-4 protein)			0.444
Min-Max	119483 - 697620	196963 - 876983	
Mean	392229	463482	
Median (Q1,Q3)	383291 (313052, 443761)	441336 (314058, 561797)	
Quartile coefficient of dispersion	0.17	0.28	
P09172 (Dopamine beta-hydroxylase)			0.444
Min-Max	8088 - 119789	9881 - 49393	
Mean	33768	25883	
Median (Q1,Q3)	26743 (17994, 44559)	24623 (15081, 34032)	
Quartile coefficient of dispersion	0.42	0.39	
P0C0L4 (Complement C4-A)			0.465
Min-Max	129570 - 937236	146646 - 528941	
Mean	357039	300433	
Median (Q1,Q3)	329018 (226605, 431544)	291033 (173480, 384681)	
Quartile coefficient of dispersion	0.31	0.38	
P02746 (Complement C1q subcomponent subunit B)			0.465
Min-Max	85132 - 640739	111052 - 214810	
Mean	194900	162763	

Median (Q1,Q3)	169740 (157592, 203310)	168012 (146181, 180521)	
Quartile coefficient of dispersion	0.13	0.11	
P05452 (Tetranectin)			0.465
Min-Max	52877 - 268264	45333 - 128934	
Mean	103112	90199	
Median (Q1,Q3)	94524 (76950, 122140)	96357 (71704, 105364)	
Quartile coefficient of dispersion	0.23	0.19	
P05155 (Plasma protease C1 inhibitor)			0.487
Min-Max	1771406 - 4459707	1818112 - 3785215	
Mean	2987772	2775924	
Median (Q1,Q3)	2886636 (2570355, 3404009)	2741713 (2395823, 3180431)	
Quartile coefficient of dispersion	0.14	0.14	
P02649 (Apolipoprotein E)			0.487
Min-Max	374098 - 1412469	375876 - 1851705	
Mean	842278	984314	
Median (Q1,Q3)	849646 (636224, 935769)	938887 (522317, 1334961)	
Quartile coefficient of dispersion	0.19	0.44	
P13671 (Complement component C6)			0.487
Min-Max	168958 - 599193	167885 - 393608	
Mean	273848	278679	
Median (Q1,Q3)	233674 (206462, 315502)	257949 (235255, 339678)	

Quartile coefficient of dispersion	0.21	0.18	
Q16610 (Extracellular matrix protein 1)			0.487
Min-Max	25373 - 179609	24520 - 100910	
Mean	65617	55277	
Median (Q1,Q3)	62427 (43502, 73921)	50327 (42559, 66410)	
Quartile coefficient of dispersion	0.26	0.22	
P11226 (Mannose-binding protein C)			0.487
Min-Max	17530 - 278141	14590 - 81953	
Mean	56847	43769	
Median (Q1,Q3)	47029 (29652, 67715)	39745 (33543, 52110)	
Quartile coefficient of dispersion	0.39	0.22	
P13796 (Plastin-2)			0.487
Min-Max	7819 - 256459	20462 - 166094	
Mean	103078	78794	
Median (Q1,Q3)	96712 (30036, 148555)	64257 (56795, 89138)	
Quartile coefficient of dispersion	0.66	0.22	
Q9NZP8 (Complement C1r subcomponent-like protein)			0.487
Min-Max	40918 - 184790	43871 - 105692	
Mean	69684	61884	
Median (Q1,Q3)	58961 (52961, 74438)	56671 (45986, 69613)	
Quartile coefficient of dispersion	0.17	0.2	
P04433 (Immunoglobulin kappa variable 3-11)			0.487
Min-Max	18978 - 1173626	205161 - 1026666	

Mean	369094	426504	
Median (Q1,Q3)	288057 (212244, 398917)	297820 (254629, 535238)	
Quartile coefficient of dispersion	0.31	0.36	
P02748 (Complement component C9)			0.509
Min-Max	319168 - 1264618	505632 - 958407	
Mean	756733	787340	
Median (Q1,Q3)	711092 (536040, 970282)	825044 (721606, 928252)	
Quartile coefficient of dispersion	0.29	0.13	
B9A064 (Immunoglobulin lambda-like polypeptide 5)			0.509
Min-Max	27429 - 201194	27241 - 131289	
Mean	98471	84002	
Median (Q1,Q3)	90991 (67930, 129162)	90995 (49425, 115869)	
Quartile coefficient of dispersion	0.31	0.4	
P35527 (Keratin, type I cytoskeletal 9)			0.531
Min-Max	70320 - 612280	92853 - 208514	
Mean	177225	145061	
Median (Q1,Q3)	141456 (119723, 186353)	140198 (105855, 174429)	
Quartile coefficient of dispersion	0.22	0.24	
P51884 (Lumican)			0.554
Min-Max	150578 - 746721	194322 - 327967	
Mean	310637	260317	

Median (Q1,Q3)	276739 (235374, 329154)	278608 (212465, 293968)	
Quartile coefficient of dispersion	0.17	0.16	
P02741 (C-reactive protein)			0.554
Min-Max	35565 - 725464	41139 - 374919	
Mean	112383	103894	
Median (Q1,Q3)	81903 (53008, 113377)	60307 (49618, 97617)	
Quartile coefficient of dispersion	0.36	0.33	
P00746 (Complement factor D)			0.554
Min-Max	8126 - 89555	15305 - 75509	
Mean	31723	36366	
Median (Q1,Q3)	28004 (21611, 37895)	31582 (25295, 38887)	
Quartile coefficient of dispersion	0.27	0.21	
P35908 (Keratin, type II cytoskeletal 2 epidermal)			0.578
Min-Max	32913 - 169392	17669 - 113874	
Mean	77569	69947	
Median (Q1,Q3)	64380 (51041, 102476)	77965 (31087, 103967)	
Quartile coefficient of dispersion	0.34	0.54	
P22792 (Carboxypeptidase N subunit 2)			0.578
Min-Max	116183 - 585664	101435 - 258294	
Mean	222314	190005	
Median (Q1,Q3)	195112 (161635, 246759)	192193 (166026, 233352)	
Quartile coefficient of dispersion	0.21	0.17	

P00918 (Carbonic anhydrase 2)			0.578
Min-Max	39841 - 287217	37794 - 137360	
Mean	96484	77858	
Median (Q1,Q3)	78012 (58096, 110806)	76362 (57748, 93549)	
Quartile coefficient of dispersion	0.31	0.24	
Q13790 (Apolipoprotein F)			0.578
Min-Max	12133 - 99367	31645 - 79059	
Mean	42205	43909	
Median (Q1,Q3)	37362 (30152, 48538)	40431 (35068, 44148)	
Quartile coefficient of dispersion	0.23	0.11	
A0A0C4DH72 (Immunoglobulin kappa variable 1-6)			0.602
Min-Max	431205 - 2759576	533757 - 1304517	
Mean	864585	778750	
Median (Q1,Q3)	767208 (656595, 906804)	785130 (587266, 836153)	
Quartile coefficient of dispersion	0.16	0.17	
P06312 (Immunoglobulin kappa variable 4-1)			0.602
Min-Max	234885 - 1063203	448051 - 905751	
Mean	665059	631241	
Median (Q1,Q3)	693344 (522766, 776118)	656255 (460440, 719208)	
Quartile coefficient of dispersion	0.2	0.22	
P01009 (Alpha-1-antitrypsin)			0.626
Min-Max	9392159 - 24829680	9018343 - 20693821	

Mean	15327428	14587904	
Median (Q1,Q3)	14250216 (12332346, 18526295)	14539614 (11142141, 18266492)	
Quartile coefficient of dispersion	0.2	0.24	
P35858 (Insulin-like growth factor-binding protein complex acid labile subunit)			0.626
Min-Max	74362 - 276671	95596 - 219760	
Mean	142733	134863	
Median (Q1,Q3)	135630 (111806, 166392)	116058 (111420, 148244)	
Quartile coefficient of dispersion	0.2	0.14	
P00738 (Haptoglobin)			0.651
Min-Max	251846 - 34448537	7571100 - 20944367	
Mean	16350081	16349820	
Median (Q1,Q3)	15315407 (12123849, 19959912)	18720936 (13165966, 20568490)	
Quartile coefficient of dispersion	0.24	0.22	
P02751 (Fibronectin)			0.651
Min-Max	483182 - 1678461	629758 - 1137123	
Mean	900931	850336	
Median (Q1,Q3)	838391 (691514, 1066375)	743294 (707449, 1069727)	
Quartile coefficient of dispersion	0.21	0.2	
P00751 (Complement factor B)			0.651
Min-Max	959773 - 2702958	1193324 - 2675381	
Mean	1600289	1671997	

Median (Q1,Q3)	1424671 (1342659, 1838239)	1584788 (1356698, 1773308)	
Quartile coefficient of dispersion	0.16	0.13	
P06727 (Apolipoprotein A-IV)			0.651
Min-Max	615899 - 5865244	1112026 - 5385869	
Mean	2617391	2564683	
Median (Q1,Q3)	2398189 (1738784, 3366817)	2157578 (1340581, 3330124)	
Quartile coefficient of dispersion	0.32	0.43	
P36955 (Pigment epithelium-derived factor)			0.651
Min-Max	197511 - 538400	254191 - 518685	
Mean	356939	341629	
Median (Q1,Q3)	346881 (290393, 430661)	315234 (282909, 376958)	
Quartile coefficient of dispersion	0.19	0.14	
P02745 (Complement C1q subcomponent subunit A)			0.651
Min-Max	247170 - 975199	225548 - 488919	
Mean	426151	383270	
Median (Q1,Q3)	375360 (315514, 481227)	413687 (284669, 483515)	
Quartile coefficient of dispersion	0.21	0.26	
A0A0B4J1V0 (Immunoglobulin heavy variable 3-15)			0.651
Min-Max	238271 - 3370212	510358 - 1374789	
Mean	874114	816700	

Median (Q1,Q3)	838856 (680627, 996876)	800867 (689991, 869121)	
Quartile coefficient of dispersion	0.19	0.11	
P0DOY3 (Immunoglobulin lambda constant 3)			0.651
Min-Max	69289 - 310002	74840 - 299792	
Mean	143293	148587	
Median (Q1,Q3)	144249 (109857, 159187)	116186 (81954, 201395)	
Quartile coefficient of dispersion	0.18	0.42	
P26927 (Hepatocyte growth factor-like protein)			0.651
Min-Max	8673 - 32827	9671 - 29006	
Mean	19155	17676	
Median (Q1,Q3)	18565 (14079, 23677)	17642 (13922, 20496)	
Quartile coefficient of dispersion	0.25	0.19	
P06396 (Gelsolin)			0.676
Min-Max	255360 - 1012415	396582 - 836519	
Mean	537347	553675	
Median (Q1,Q3)	473893 (403805, 628710)	454954 (433818, 693133)	
Quartile coefficient of dispersion	0.22	0.23	
Q9UK55 (Protein Z-dependent protease inhibitor)			0.676
Min-Max	37696 - 192842	28664 - 110169	
Mean	70026	61936	
Median (Q1,Q3)	65737 (54001, 76626)	65252 (37600, 77051)	

Quartile coefficient of dispersion	0.17	0.34	
P01721 (Immunoglobulin lambda variable 6-57)			0.676
Min-Max	21900 - 177063	26381 - 95129	
Mean	56637	57998	
Median (Q1,Q3)	50402 (38301, 69893)	59050 (38757, 69870)	
Quartile coefficient of dispersion	0.29	0.29	
P02655 (Apolipoprotein C-II)			0.676
Min-Max	285454 - 2779389	439282 - 2612294	
Mean	1233554	1358975	
Median (Q1,Q3)	1220672 (832580, 1545976)	1318040 (776211, 1915575)	
Quartile coefficient of dispersion	0.3	0.42	
P07360 (Complement component C8 gamma chain)			0.676
Min-Max	71604 - 194387	88949 - 176176	
Mean	128296	121937	
Median (Q1,Q3)	124165 (97681, 153105)	122447 (92327, 135582)	
Quartile coefficient of dispersion	0.22	0.19	
P60709 (Actin, cytoplasmic 1)			0.702
Min-Max	48263 - 599223	63952 - 167304	
Mean	127459	103533	
Median (Q1,Q3)	102339 (76794, 132788)	101029 (75637, 115115)	
Quartile coefficient of dispersion	0.27	0.21	
P02750 (Leucine-rich alpha-2-glycoprotein)			0.728
Min-Max	420416 - 2077668	513369 - 1524715	

Mean	921346	906435	
Median (Q1,Q3)	769216 (622024, 1036003)	895542 (674799, 1001048)	
Quartile coefficient of dispersion	0.25	0.19	
P23142 (Fibulin-1)			0.728
Min-Max	13662 - 146477	30077 - 77290	
Mean	54100	48261	
Median (Q1,Q3)	47121 (35606, 62920)	44779 (37215, 58466)	
Quartile coefficient of dispersion	0.28	0.22	
Q9UGM5 (Fetuin-B)			0.728
Min-Max	16848 - 179853	17713 - 42487	
Mean	32010	28690	
Median (Q1,Q3)	26212 (19320, 31940)	26365 (21536, 34213)	
Quartile coefficient of dispersion	0.25	0.23	
P00739 (Haptoglobin-related protein)			0.728
Min-Max	56516 - 342428	39598 - 210429	
Mean	142538	124050	
Median (Q1,Q3)	114205 (90902, 159989)	118435 (83866, 172409)	
Quartile coefficient of dispersion	0.28	0.35	
P01700 (Immunoglobulin lambda variable 1-47)			0.728
Min-Max	471410 - 1569918	552931 - 1834309	
Mean	930885	910702	
Median (Q1,Q3)	976471 (657377, 1107408)	741269 (668070, 974020)	
Quartile coefficient of dispersion	0.26	0.19	

P00488 (Coagulation factor XIII A chain)			0.754
Min-Max	40803 - 298684	37953 - 133492	
Mean	84991	83041	
Median (Q1,Q3)	72932 (58805, 90430)	75954 (61293, 101490)	
Quartile coefficient of dispersion	0.21	0.25	
P02656 (Apolipoprotein C-III)			0.754
Min-Max	956353 - 6179759	1202004 - 4729731	
Mean	3181629	2921688	
Median (Q1,Q3)	2994964 (2148835, 3891842)	2983209 (2016305, 3842254)	
Quartile coefficient of dispersion	0.29	0.31	
P01591 (Immunoglobulin J chain)			0.754
Min-Max	93924 - 555336	129424 - 448884	
Mean	291192	300076	
Median (Q1,Q3)	274798 (223424, 355471)	319557 (198203, 392958)	
Quartile coefficient of dispersion	0.23	0.33	
P06276 (Cholinesterase)			0.754
Min-Max	26394 - 1465373	51882 - 109425	
Mean	120524	78616	
Median (Q1,Q3)	72349 (60048, 84934)	75290 (58054, 102038)	
Quartile coefficient of dispersion	0.17	0.27	
P80748 (Immunoglobulin lambda variable 3-21)			0.754
Min-Max	44147 - 969193	137566 - 416147	

Mean	233640	226208	
Median (Q1,Q3)	191488 (146627, 256285)	190221 (150703, 280672)	
Quartile coefficient of dispersion	0.27	0.3	
P49908 (Selenoprotein P)			0.754
Min-Max	38237 - 436871	50346 - 122306	
Mean	97392	76655	
Median (Q1,Q3)	65358 (56500, 89581)	73533 (62816, 80624)	
Quartile coefficient of dispersion	0.23	0.12	
P04264 (Keratin, type II cytoskeletal 1)			0.781
Min-Max	76464 - 1002325	105372 - 685795	
Mean	261695	255455	
Median (Q1,Q3)	161526 (117155, 281222)	148322 (127482, 340751)	
Quartile coefficient of dispersion	0.41	0.46	
P02765 (Alpha-2-HS-glycoprotein)			0.781
Min-Max	578746 - 2121694	904277 - 2048533	
Mean	1305286	1382553	
Median (Q1,Q3)	1330048 (1049540, 1608700)	1356625 (1213288, 1474478)	
Quartile coefficient of dispersion	0.21	0.1	
P02763 (Alpha-1-acid glycoprotein 1)			0.781
Min-Max	1415079 - 14363021	3278150 - 7905878	
Mean	5463867	4921074	

Median (Q1,Q3)	5004828 (3304322, 7638226)	4797866 (3774699, 5475665)	
Quartile coefficient of dispersion	0.4	0.18	
P00734 (Prothrombin)			0.781
Min-Max	628951 - 1616387	706433 - 1225261	
Mean	911094	924178	
Median (Q1,Q3)	879807 (786299, 982053)	897439 (750928, 1050668)	
Quartile coefficient of dispersion	0.11	0.17	
P27169 (Serum paraoxonase/arylesterase 1)			0.781
Min-Max	122639 - 1358495	220147 - 796130	
Mean	597922	529421	
Median (Q1,Q3)	592470 (417405, 739776)	624099 (350295, 671850)	
Quartile coefficient of dispersion	0.28	0.31	
P02753 (Retinol-binding protein 4)			0.781
Min-Max	359920 - 1244208	525286 - 1107685	
Mean	793609	825009	
Median (Q1,Q3)	782139 (621801, 955093)	768382 (675525, 1017734)	
Quartile coefficient of dispersion	0.21	0.2	
P55058 (Phospholipid transfer protein)			0.781
Min-Max	5892 - 190083	11540 - 28787	
Mean	29716	19356	
Median (Q1,Q3)	19816 (15376, 25923)	19379 (15901, 21568)	

Quartile coefficient of dispersion	0.26	0.15	
Q04756 (Hepatocyte growth factor activator)			0.781
Min-Max	47498 - 230276	49760 - 127751	
Mean	98031	88052	
Median (Q1,Q3)	84197 (74655, 115162)	90637 (72531, 98433)	
Quartile coefficient of dispersion	0.21	0.15	
PODJI9 (Serum amyloid A-2 protein)			0.781
Min-Max	10384 - 543615	25842 - 128217	
Mean	90602	58584	
Median (Q1,Q3)	62830 (29901, 83368)	53451 (34426, 66798)	
Quartile coefficient of dispersion	0.47	0.32	
Q15848 (Adiponectin)			0.808
Min-Max	19906 - 268709	29736 - 109999	
Mean	68666	57395	
Median (Q1,Q3)	53049 (43200, 73049)	55653 (38213, 65060)	
Quartile coefficient of dispersion	0.26	0.26	
P22352 (Glutathione peroxidase 3)			0.808
Min-Max	44875 - 472518	44001 - 350749	
Mean	187219	168882	
Median (Q1,Q3)	155151 (101448, 248373)	159041 (100751, 202804)	
Quartile coefficient of dispersion	0.42	0.34	
P01857 (Immunoglobulin heavy constant gamma 1)			0.835
Min-Max	7313244 - 18963559	7022801 - 16755579	

Mean	12504392	12490500	
Median (Q1,Q3)	12595150 (10380086, 14099032)	13172880 (10227547, 15389991)	
Quartile coefficient of dispersion	0.15	0.2	
P01619 (Immunoglobulin kappa variable 3-20)			0.835
Min-Max	806312 - 8712502	1777939 - 4792670	
Mean	2936996	2992028	
Median (Q1,Q3)	2961318 (2231497, 3480047)	2800204 (2229156, 3645730)	
Quartile coefficient of dispersion	0.22	0.24	
P80108 (Phosphatidylinositol-glycan-specific phospholipase D)			0.835
Min-Max	58961 - 555024	60888 - 213929	
Mean	120751	113906	
Median (Q1,Q3)	94988 (77940, 131195)	98592 (87693, 131476)	
Quartile coefficient of dispersion	0.25	0.2	
A0A075B6K4 (Immunoglobulin lambda variable 3-10)			0.835
Min-Max	8397 - 67450	8121 - 29645	
Mean	25046	20557	
Median (Q1,Q3)	19877 (15158, 27077)	21419 (14709, 27290)	
Quartile coefficient of dispersion	0.28	0.3	
P01764 (Immunoglobulin heavy variable 3-23)			0.835
Min-Max	17615 - 659115	28792 - 359774	
Mean	267600	228219	

Median (Q1,Q3)	233369 (86377, 377713)	252240 (164442, 318502)	
Quartile coefficient of dispersion	0.63	0.32	
P04196 (Histidine-rich glycoprotein)			0.862
Min-Max	491991 - 2013277	352235 - 1292273	
Mean	921604	863062	
Median (Q1,Q3)	814400 (725829, 1019125)	957812 (657050, 1009215)	
Quartile coefficient of dispersion	0.17	0.21	
P06331 (Immunoglobulin heavy variable 4-34)			0.862
Min-Max	6555 - 510978	16895 - 246278	
Mean	156453	136466	
Median (Q1,Q3)	131822 (88430, 211248)	138343 (94864, 178912)	
Quartile coefficient of dispersion	0.41	0.31	
P01714 (Immunoglobulin lambda variable 3-19)			0.862
Min-Max	12742 - 252877	53595 - 419243	
Mean	111073	141844	
Median (Q1,Q3)	108729 (79383, 126045)	107986 (92792, 131619)	
Quartile coefficient of dispersion	0.23	0.17	
P07996 (Thrombospondin-1)			0.889
Min-Max	30262 - 249894	79948 - 196782	
Mean	113320	112091	
Median (Q1,Q3)	100735 (63669, 160347)	94393 (85361, 126999)	
Quartile coefficient of dispersion	0.43	0.2	

P04278 (Sex hormone-binding globulin)			0.889
Min-Max	12801 - 66885	12983 - 54316	
Mean	37849	35606	
Median (Q1,Q3)	38686 (29614, 44860)	38755 (31487, 43729)	
Quartile coefficient of dispersion	0.2	0.16	
A0A0A0MS15 (Immunoglobulin heavy variable 3-49)			0.889
Min-Max	99354 - 611472	162607 - 303473	
Mean	289689	239816	
Median (Q1,Q3)	221906 (178489, 377616)	240134 (204156, 285233)	
Quartile coefficient of dispersion	0.36	0.17	
P81605 (Dermcidin)			0.889
Min-Max	5634 - 43358	9292 - 43612	
Mean	20913	20822	
Median (Q1,Q3)	17365 (10946, 29406)	15759 (12076, 25406)	
Quartile coefficient of dispersion	0.46	0.36	
P04114 (Apolipoprotein B-100)			0.917
Min-Max	486693 - 1819352	494705 - 3090469	
Mean	1046720	1219914	
Median (Q1,Q3)	1025301 (772255, 1299153)	979333 (946719, 1085279)	
Quartile coefficient of dispersion	0.25	0.07	
P04040 (Catalase)			0.917
Min-Max	30947 - 527917	34491 - 192571	

Mean	103807	94071	
Median (Q1,Q3)	76992 (63048, 117358)	90120 (64124, 108043)	
Quartile coefficient of dispersion	0.3	0.26	
P12259 (Coagulation factor V)			0.917
Min-Max	38963 - 1434382	87282 - 428787	
Mean	277851	225056	
Median (Q1,Q3)	213200 (126319, 340897)	212251 (153941, 255766)	
Quartile coefficient of dispersion	0.46	0.25	
P30043 (Flavin reductase (NADPH))			0.917
Min-Max	13615 - 151523	21985 - 70623	
Mean	47418	46106	
Median (Q1,Q3)	44956 (34686, 56619)	42820 (29335, 63955)	
Quartile coefficient of dispersion	0.24	0.37	
P01023 (Alpha-2-macroglobulin)			0.945
Min-Max	5663897 - 17389061	6091885 - 19034948	
Mean	10540923	11077769	
Median (Q1,Q3)	9573324 (8237088, 13281785)	9391288 (8861799, 11770539)	
Quartile coefficient of dispersion	0.23	0.14	
O14791 (Apolipoprotein L1)			0.945
Min-Max	145067 - 837572	153588 - 932194	
Mean	356526	382677	
Median (Q1,Q3)	313717 (249291, 435386)	327557 (248664, 405691)	

Quartile coefficient of dispersion	0.27	0.24	
O75882 (Attractin)			0.945
Min-Max	56336 - 294168	59593 - 281150	
Mean	111878	119459	
Median (Q1,Q3)	91775 (78925, 124044)	100489 (73227, 126127)	
Quartile coefficient of dispersion	0.22	0.27	
P06702 (Protein S100-A9)			0.945
Min-Max	4204 - 154075	7411 - 60053	
Mean	22510	22662	
Median (Q1,Q3)	15284 (12662, 23403)	14670 (12176, 29462)	
Quartile coefficient of dispersion	0.3	0.42	
P61769 (Beta-2-microglobulin)			0.972
Min-Max	12971 - 111447	17460 - 65665	
Mean	32892	33439	
Median (Q1,Q3)	28787 (22950, 38566)	29229 (24020, 36669)	
Quartile coefficient of dispersion	0.25	0.21	
P03951 (Coagulation factor XI)			0.972
Min-Max	29418 - 705129	31079 - 167666	
Mean	103260	72717	
Median (Q1,Q3)	52965 (44032, 90926)	51921 (45683, 88069)	
Quartile coefficient of dispersion	0.35	0.32	
Q96KN2 (Beta-Ala-His dipeptidase)			0.972
Min-Max	12607 - 76921	14798 - 44111	
Mean	35469	31653	

Median (Q1,Q3)	29801 (23123, 41642)	30656 (25411, 41937)	
Quartile coefficient of dispersion	0.29	0.25	
P02747 (Complement C1q subcomponent subunit C)			0.972
Min-Max	278887 - 1144412	421353 - 856772	
Mean	637509	627523	
Median (Q1,Q3)	628843 (502243, 748852)	640932 (524764, 711725)	
Quartile coefficient of dispersion	0.2	0.15	
O43866 (CD5 antigen-like)			0.972
Min-Max	3891 - 327793	5835 - 240375	
Mean	131415	127650	
Median (Q1,Q3)	137103 (45546, 197748)	114197 (73665, 193019)	
Quartile coefficient of dispersion	0.63	0.45	
A0A0C4DH38 (Immunoglobulin heavy variable 5-51)			0.999
Min-Max	26795 - 214408	36688 - 640544	
Mean	89096	142705	
Median (Q1,Q3)	74482 (58817, 113795)	82356 (65343, 93156)	
Quartile coefficient of dispersion	0.32	0.18	
Q92954 (Proteoglycan 4)			0.999
Min-Max	7366 - 84147	9463 - 54777	
Mean	29802	28486	
Median (Q1,Q3)	26892 (15145, 40513)	25885 (15427, 39307)	
Quartile coefficient of dispersion	0.46	0.44	

Q1 – the first quartile; Q3 – the third quartile; Mann-Whitney U test was applied for comparison of the quantitative data; p-value equal or less than 0.05 was considered statistically significant.