Table SIII. Calculated concentration (µg/ml serum) of proteins found in galectin-8N bound fractions[a,b]

Protein	H2	K2	P2	P4	Av.% bound
IgA1	**1300**	**900**	**500**	**2100**	20.1
Ig M1 (unkn|sp|P01871-1|IGHM_HUM|Isoform; 17394026)	50	75	14	12	3.8
Ig G3 (pir||A23511; 524049)	*22*	11	6	5	1.7
Ig G1 (sp|P01857|IGHG1_HUMAN; 444992)	31	107	10	11	0.5
IgA2 (unkn|IPI:IPI00641229.4|SW|Tax_Id=9606; 17522711)	0	1	0	1	0.1
Haptoglobin (sp|P00738|HPT_HUMAN; 444784)	**458**	**320**	**2737**	**224**	65.4
inter-alpha trypsin inhibitor H2 (ref|NP_002207.2|; 2690)	**49**	12	**129**	**78**	31.9
Alpha-2-macroglobulin (sp|P01023|A2MG_HUMAN; 392778)	**405**	**159**	**640**	**393**	28.5
Hemoglobin Chain B (pdb|1DXT|B; 3927)	14	10	**136**	47	26.9
Hemoglobin Chain A (pdb|1BZ1|A; 8986)	9	2	**82**	**67**	20.5
Inter-alpha-trypsin inhibitor H1 (sp|P19827|ITIH1_HUMAN; 18030)	**30**	2	**81**	**35**	20.5
Leucine-rich alpha-2-glycoprotein (sp|P02750|A2GL_HUMAN; 12187)	**2**	1	**11**	2	20.1
Hemopexin (sp|P02790|HEMO_HUMAN; 3985)	74	37	**290**	93	16.5
Coagulation factor XII (Hageman factor) (HAF) (sp|P00748|FA12_HUMAN; 450519)	**6**	1	**6**	**3**	14.5
inter-alpha trypsin inhibitor H4 (ref|NP_002209.2|; 18032)	**34**	2	**42**	**23**	14.2
Clusterin (Complement cytolysis inhibitor) (sp|P10909|CLUS_HUMAN; 23971)	**12**	7	**24**	**12**	13.4
Alpha-1-antichymotrypsin (sp|P01011|AACT_HUMAN; 514677)	28	3	**169**	29	12.8
Alpha-1-acid glycoprotein 1 (Orosomucoid-1) (sp|P02763|A1AG1_HUMAN; 392774)	40	10	**249**	30	12.0
kininogen [Homo sapiens (gb|AAB59550.1|; 18800)	18	18	**44**	25	9.8
Ficolin-3 (sp|O75636|FCN3_HUMAN; 488)	2	1	1	2	9.4
Plasma protease C1 inhibitor (sp|P05155|IC1_HUMAN; 4411)	25	3	**40**	**32**	9.0

Table SIII. Calculated concentration (µg/ml serum) of proteins found in galectin-8N bound fractions[a,b]

Protein	H2	K2	P2	P4	Av.% bound
Apolipoprotein B-100 (sp|P04114|APOB_HUMAN; 392798)	62	7	**90**	**95**	8.8
Carboxypeptidase N (sp|P22792|CPN2_HUMAN; 448313)	1	0	**4**	2	8.4
Haptoglobin-related protein (sp|P00739|HPTR_HUMAN; 444785)	3	0	**6**	**4**	8.1
Lumican (Keratan sulfate proteoglycan lumican) (sp|P51884|LUM_HUMAN; 6341)	2	1	**8**	4	7.8
Alpha-2-HS-glycoprotein (Fetuin-A) (sp|P02765|FETUA_HUMAN; 392812)	41	8	**82**	54	7.6
Apolipoprotein E (sp|P02649|APOE_HUMAN; 13190)	**6**	0	**4**	1	7.3
Vitamin K-dependent protein S (sp|P07225|PROS_HUMAN; 18160)	2	1	2	2	6.7
Fibronectin (sp|P02751|FINC_HUMAN; 392799)	17	5	13	14	5.3
C4b-binding protein alpha chain (sp|P04003|C4BP_HUMAN; 2283)	21	14	20	19	5.0
Alpha-1-acid glycoprotein 2 (AGP 2) (Orosomucoid-2) (sp|P19652|A1AG2_HUMAN; 25282)	27	6	**72**	16	5.0
Apolipoprotein D (sp|P05090|APOD_HUMAN; 25779)	7	2	11	5	4.5
Apolipoprotein A-I (sp|P02647|APOA1_HUMAN; 5182)	75	6	117	42	4.3
Complement C9 (sp|P02748|CO9_HUMAN; 20011)	1	1	**6**	0	4.0
Alpha-1-microglobulin (Protein HC) (sp|P02760|AMBP_HUMAN; 25278)	5	0	18	10	3.8
Vitronectin (sp|P04004|VTNC_HUMAN; 10553)	6	3	9	6	3.0
Ceruloplasmin (sp|P00450|CERU_HUMAN; 392776)	6	0	17	1	2.9
Alpha-1-antitrypsin (sp|P01009|A1AT_HUMAN; 8021)	22	6	48	36	2.5
Complement C1s (sp|P09871|C1S_HUMAN; 445996)	1	2	3	2	2.5
Plasminogen (sp|P00747|PLMN_HUMAN; 22361)	2	2	7	2	2.3
Complement factor H Isoform 1 (IPI00029739.5|SW; 17220796)	8	3	15	6	2.0
Histidine-rich glycoprotein (sp|P04196|HRG_HUMAN; 18798)	0	0	4	2	1.6

Table SIII. Calculated concentration (µg/ml serum) of proteins found in galectin-8N bound fractions[a,b]

Protein	H2	K2	P2	P4	Av.% bound
Prothrombin (sp|P00734|THRB_HUMAN; 392792)	4	0	3	3	1.5
Angiotensinogen (sp|P01019|ANGT_HUMAN; 2480)	1	0	2	1	1.5
Apolipoprotein C-III (sp|P02656|APOC3_HUMAN; 5181)	11	0	9	8	1.4
Apolipoprotein A-II (sp|P02652|APOA2_HUMAN; 1875)	10	2	14	8	0.6
Serum albumin (sp|P02768|ALBU_HUMAN; 19284)	11	201	148	198	0.3
Apolipoprotein C-II (sp|P02655|APOC2_HUMAN; 13193)	4	0	0	1	0.2
Complement C4-B (sp|P0C0L5|CO4B_HUMAN; 392823)	3	0	2	2	0.2
Serotransferrin (Transferrin) (sp|P02787|TRFE_HUMAN; 388655)	8	2	2	2	0.2
Complement C1r (unkn|P00736|C1R_HUMAN; 17982011)	2	2	8	3	0.0

a) The total protein concentration was maesured by protein assay and IgA by ELISA. The quantitative distribution of other proteins, except immunoglobulins, within the remainder (Total - IgA) was estimated from their signal intensities in mass spectrometry. The amount of immunoglobulins was estimted by comparing the MS1 signal for their heavy chain constant region to the correpsoning signal from IgA1.

b) The % bound of each protein was estimated by dividing the bound amount with the total amount known in serum as measured by ELISA here for IgA and for other proteins from Farrah et al. 2010. Bold format indicates clear significant binding (> 10%), underlined format indicates low but probably significant binding (2-10%) and no formating indicates uncertain low or no binding (< 2%).