

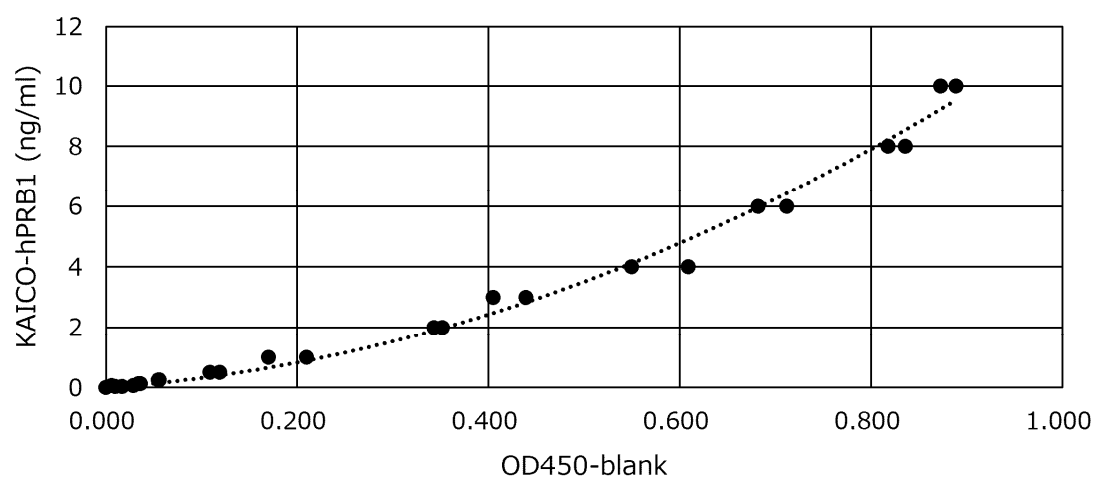
Drawings
[Figure 1]
Fig. 1

Anti body	Region	Sequence	SEQ ID NO:
8A10	Heavy chain variable region peptide sequence	MGWICILFLVATATGVHSQVNLLQSGAALVKPGASVKLSCKASGYTFTDYYIHWVRQSHGKSLEWIGFINPNSGYTTYNEKFKSKATLTVDKSTNTAYMELSRLTSEDSATYYCTRFAMDAWGQGASVTVSS	1
	Heavy chain variable region nucleotide sequence	ATGGGATGGATCTGTATCCTCTTTCTTGTGGCAACAGCTACAGGTGTCCACTCCCAGGTCAACCTACTGCAGTCTGGGGCTGCACTGGTGAAGCCTGGGGCCTCTGTGAAGTTGTCTTGCAAAGCTTCTGGTTATACATTCACTGACTACTATATACACTGGGTGAGGCAGAGTCATGGAAAGAGCCTTGAGTGGATTGGCTTTATTAATCCTAACAGTGTTATACTACTTACAATGAAAAGTTCAAGAGCAAGGCCACATTGACTGTAGACAAATCCACCAATACAGCCTATATGGAGCTTAGCAGATTGACATCTGAGGACTCTGCAACCTATTACTGTACAAGATTTCATGGATGCCTGGGGTCAAGGAGCTTCAGTCACTGTCTCCTCA	2
	Heavy chain CDR1 peptide sequence	DYYIH	3
	Heavy chain CDR2 peptide sequence	FINPNSGYTTYNEKFKS	4
	Heavy chain CDR3 peptide sequence	FAMDA	5
	Light chain variable region peptide sequence	MMSPVQSLFLLLLWILGTNGDVVVSQTPPTLSATIGQSVSISCRSSQSLLHSNGNTYLNWLLQRPQGPPQLLIYLVSRLESGVPNRFSGSGSGTDFTLKISGVEAEDLGVIYCVQSIHAPNTFGAGTKLELK	6
	Light chain variable region nucleotide sequence	ATGATGAGTCCTGTCCAGTCCCTGTTTTGCTATTGCTTTGGATTCTGGGAACCAATGGTGATGTTGTGGTGAGCCAGACTCCACCACTTTATCGGCTACCATTGGACAATCAGTCTCCATCTCTTGCAAGTCAAGTCAGAGTCTCTTACATAGTAATGGAAACACCTATTTAAATTGGTTACTACAGAGGCCAGGCCAACCTCCACAACCTCTAATTTATTGGTATCCAGACTGGAATCTGGGGTCCCCAACAGGTTCAAGTGGCAGTGGGTCAGGAACCTGATTTCACTCAAAATCAGTGGAGTAGAGGCTGAGGATTTGGGAGTTTATTACTGCGTGCAAAGTATCCATGCTCCGAACACGTTTGGAGCTGGGACCAAGCTGGAAGTAA	7
	Light chain CDR1 peptide sequence	RSSQSLLHSNGNTYLN	8
	Light chain CDR2 peptide sequence	LVSRLS	9
	Light chain CDR3 peptide sequence	VQSIHAPNT	10

[Figure 2]
Fig. 2

Anti body	Region	Sequence	SEQ ID NO:
2B3	Heavy chain variable region peptide sequence	MDWVWNLLFLMAVAQTGAQAQIQLVQSGPELKKPGESVKISCK ASGYTFTDYAMHWVKQAPGKGLKWMGWINTYTGKPTYADDCK GRFVFSLEASASTANLQISNLKNEDTATYFCAREMYTTDYYYVDYW GQGVMTVSS	11
	Heavy chain variable region nucleotide sequence	ATGGATTGGGTGTGGAACCTTGCTATTTCTGATGGCAGTTGCCCA AACAGGTGCCCAAGCACAGATCCAGTTGGTACAGTCTGGACCT GAGCTGAAGAAGCCTGGAGAGTCCGTGAAGATCTCCTGCAAG GCTTCTGGGTATACCTTCACAGACTATGCAATGCACTGGGTGAA ACAGGCTCCAGGAAAGGGCTTGAAGTGGATGGGCTGGATCAA CACCTATACTGGGAAGCCAACATATGCTGATGACTGCAAAGGA CGGTTTGTCTTCTCTTTGGAAGCCTCTGCCAGCACTGCAAATTTG CAGATCAGCAACCTCAAAAAATGAGGACACGGCTACATATTTCTG TGCAAGAGAAATGTATACTACGGATTATTACTACGTGGATTACT GGGGCCAAGGAGTCATGGTCACAGTCTCCTCA	12
	Heavy chain CDR1 peptide sequence	DYAMH	13
	Heavy chain CDR2 peptide sequence	WINTYTGKPTYADDCKG	14
	Heavy chain CDR3 peptide sequence	EMYTTDYYYVDY	15
	Light chain variable region peptide sequence	MLHRNMNMPTQLLGLLLLWFTGGKCDIHVTQSPASLSASPEEIVTI TCQASQDIDSSLLWYQQKPGKSPQLLIYSATILADGVPSRFSGRSG TQYSLKISRLQVEDIGTYCYCLQFSSSPLTFGSGTKLEIK	16
	Light chain variable region nucleotide sequence	ATGTTACACAGAAACATGAACATGCCCACTCAACTCCTTGGGTT GCTGCTACTCTGGTTTACAGGTGGTAAATGTGACATCCATGTGA CACAGTCTCCTGCCTCCCTGTCTGCATCTCCGGAAGAAATTGTC ACCATCACATGCCAGGCAAGCCAGGACATTGATAGTTTCGTTATT ATGGTATCAGCAGAAACCAGGGAAATCTCCTCAGCTCCTGATCT ATAGTGCAACCATCTTGGCAGATGGGGTCCCATCAAGGTTTCAG TGGCAGTAGATCTGGCACACAGTATTCTTTAAGATCAGCAGAC TACAGGTTGAAGATATTGGAACCTATTACTGTCTACAGTTTTCTA GTTCTCCGCTCACGTTTCGGTCTGGGACCAAGCTGGAGATCAAA	17
	Light chain CDR1 peptide sequence	QASQDIDSSLL	18
	Light chain CDR2 peptide sequence	SATILAD	19
	Light chain CDR3 peptide sequence	LQFSSSPLT	20

[Figure 3]
Fig. 3

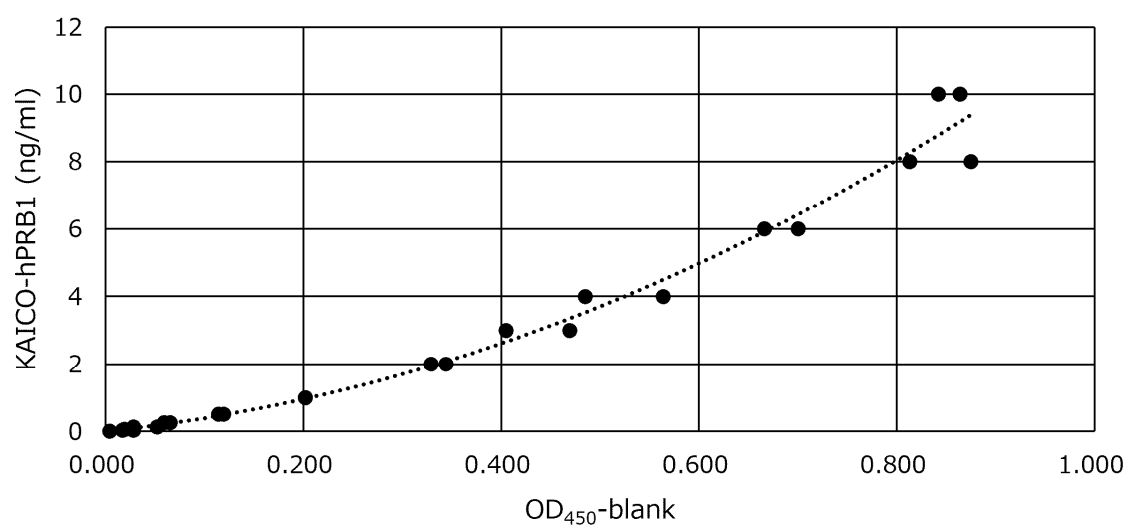


[Figure 4]

Fig. 4

NO.	OD ₄₅₀	-blank	y	ng/mL	NO.	OD ₄₅₀	-blank	y	ng/mL
732	0.466	0.329	1.7704	177.04	758	0.543	0.406	2.4832	248.32
733	0.184	0.047	0.1264	12.64	759	0.172	0.035	0.0901	9.01
734	0.907	0.770	7.3854	738.54	760	0.934	0.797	7.8499	784.99
735	0.160	0.023	0.0566	5.66	761	0.700	0.563	4.2873	428.73
736	0.698	0.561	4.2614	426.14	762	0.894	0.757	7.1668	716.68
737	0.429	0.292	1.4681	146.81	763	0.277	0.140	0.5007	50.07
738	0.921	0.784	7.6245	762.45	764	0.240	0.103	0.3320	33.20
739	0.919	0.782	7.5901	759.01	765	0.547	0.410	2.5233	252.33
740	0.983	0.846	8.7283	872.83	766	0.974	0.837	8.5635	856.35
741	0.920	0.783	7.6073	760.73	767	0.862	0.725	6.6423	664.23
742	0.149	0.012	0.0283	2.83	768	0.237	0.100	0.3195	31.95
743	0.456	0.319	1.6861	168.61	769	0.221	0.084	0.2555	25.55
744	1.341	1.204	16.5370	1653.70	770	1.040	0.903	9.8077	980.77
745	0.608	0.471	3.1730	317.30	771	1.010	0.873	9.2319	923.19
746	0.571	0.434	2.7704	277.04	772	0.190	0.053	0.1455	14.55
747	0.504	0.367	2.1080	210.80	773	0.519	0.382	2.2489	224.89
748	0.876	0.739	6.8694	686.94	774	0.460	0.323	1.7196	171.96
749	0.826	0.689	6.0757	607.57	775	0.425	0.288	1.4370	143.70
750	0.346	0.209	0.8852	88.52	776	0.816	0.679	5.9227	592.27
751	0.139	0.002	0.0045	0.45	777	0.965	0.828	8.4003	840.03
752	0.314	0.177	0.6956	69.56	778	0.854	0.717	6.5143	651.43
753	0.585	0.448	2.9197	291.97	779	0.666	0.529	3.8567	385.67
754	0.740	0.603	4.8222	482.22	780	1.088	0.951	10.7649	1076.49
755	0.507	0.370	2.1358	213.58	781	0.850	0.713	6.4507	645.07
756	0.373	0.236	1.0604	106.04	782	0.466	0.329	1.7704	177.04
757	0.787	0.650	5.4898	548.98	783	0.926	0.789	7.7108	771.08

[Figure 5]
Fig. 5

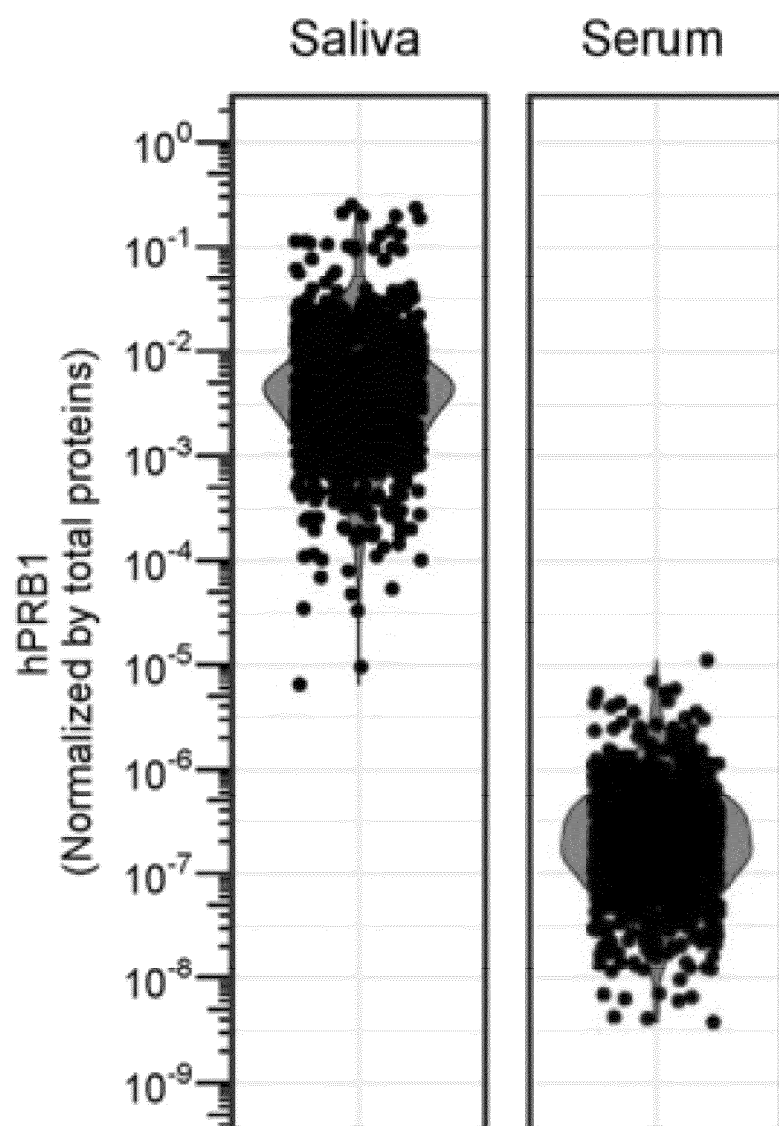


[Figure 6]

Fig. 6

NO.	OD ₄₅₀	-blank	y	ng/mL	NO.	OD ₄₅₀	-blank	y	ng/mL
732	0.161	0.016	0.0501	2.51	758	0.162	0.017	0.0534	2.67
733	0.178	0.033	0.1083	5.42	759	0.173	0.028	0.0907	4.53
734	0.198	0.053	0.1833	9.17	760	0.241	0.096	0.3686	18.43
735	0.160	0.015	0.0469	2.34	761	0.190	0.045	0.1525	7.62
736	0.288	0.143	0.6084	30.42	762	0.226	0.081	0.3002	15.01
737	0.196	0.051	0.1755	8.78	763	0.200	0.055	0.1912	9.56
738	0.372	0.227	1.1343	56.71	764	0.237	0.092	0.3500	17.50
739	0.214	0.069	0.2484	12.42	765	0.229	0.084	0.3136	15.68
740	0.315	0.170	0.7638	38.19	766	0.283	0.138	0.5810	29.05
741	0.218	0.073	0.2654	13.27	767	0.403	0.258	1.3599	67.99
742	0.174	0.029	0.0942	4.71	768	0.209	0.064	0.2276	11.38
743	0.263	0.118	0.4760	23.80	769	0.167	0.022	0.0701	3.50
744	0.548	0.403	2.6405	132.03	770	0.205	0.060	0.2113	10.56
745	0.172	0.027	0.0872	4.36	771	0.276	0.131	0.5435	27.17
746	0.257	0.112	0.4458	22.29	772	0.361	0.216	1.0583	52.92
747	0.193	0.048	0.1639	8.20	773	0.156	0.011	0.0340	1.70
748	0.296	0.151	0.6531	32.66	774	0.183	0.038	0.1264	6.32
749	0.292	0.147	0.6306	31.53	775	0.158	0.013	0.0404	2.02
750	0.209	0.064	0.2276	11.38	776	0.286	0.141	0.5974	29.87
751	0.179	0.034	0.1119	5.60	777	0.419	0.274	1.4829	74.15
752	0.201	0.056	0.1952	9.76	778	0.217	0.072	0.2612	13.06
753	0.417	0.272	1.4673	73.37	779	0.204	0.059	0.2072	10.36
754	0.533	0.388	2.4908	124.54	780	0.223	0.078	0.2871	14.35
755	0.185	0.040	0.1338	6.69	781	0.183	0.038	0.1264	6.32
756	0.378	0.233	1.1766	58.83	782	0.202	0.057	0.1992	9.96
757	0.277	0.132	0.5488	27.44	783	0.282	0.137	0.5756	28.78

[Figure 7]
Fig. 7



[Figure 8]
Fig. 8

