

FIGURES

FIG. 1. Amino acid sequence of SEQ ID NO: 17 and amino acid sequences of SEQ ID NO: 1-6

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58										
		I	D	X	K	F	D	E	A	X	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	S	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											
			A						Q																															V	S	A																											
			S						A																														T	A	G																												
SID		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58										
1	cs50	I	D	A	K	F	D	E	A	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	S	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											
2	cs52	I	D	A	K	F	D	E	A	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	T	S	L	S	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											
3	cs58	I	D	A	K	F	D	E	A	A	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	S	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											
4	cs59	I	D	A	K	F	D	E	A	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	A	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											
5	cs60	I	D	A	K	F	D	E	A	A	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	A	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											
6	cs51	I	D	S	K	F	D	E	A	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	D	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	S	L	A	E	A	K	K	L	N	D	A	Q	A	P	P											

FIG. 1B. Amino acid sequence of SEQ ID NO: 18 and amino acid sequences of SEQ ID NO: 7-10

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58										
		I	X	A	X	H	D	X	D	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	E	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	X	S	L	E	I	L	G	E	A	K	K	L	N	D	S	Q	A	P	K										
			D	K			E																																Q			G																											
			A	Q		K																																		V			A																										
SID		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58										
7	cs56	I	D	A	K	H	D	E	D	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	E	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	Q	S	L	E	I	L	G	E	A	K	K	L	N	D	S	Q	A	P	K										
8	cs54	I	D	A	Q	H	D	E	D	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	E	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	Q	S	L	E	I	L	A	E	A	K	K	L	N	D	S	Q	A	P	K										
10	cs55	I	A	A	K	H	D	E	D	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	E	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	E	I	L	G	E	A	K	K	L	N	D	S	Q	A	P	K										
9	cs57	I	A	A	K	H	D	K	D	Q	Q	A	A	F	Y	E	I	L	H	L	P	N	L	T	E	E	Q	R	N	A	F	I	Q	S	L	R	D	D	P	S	V	S	L	E	I	L	G	E	A	K	K	L	N	D	S	Q	A	P	K										

FIG. 2. Coupling efficiency of Ig binding proteins on Praesto™ Pure85

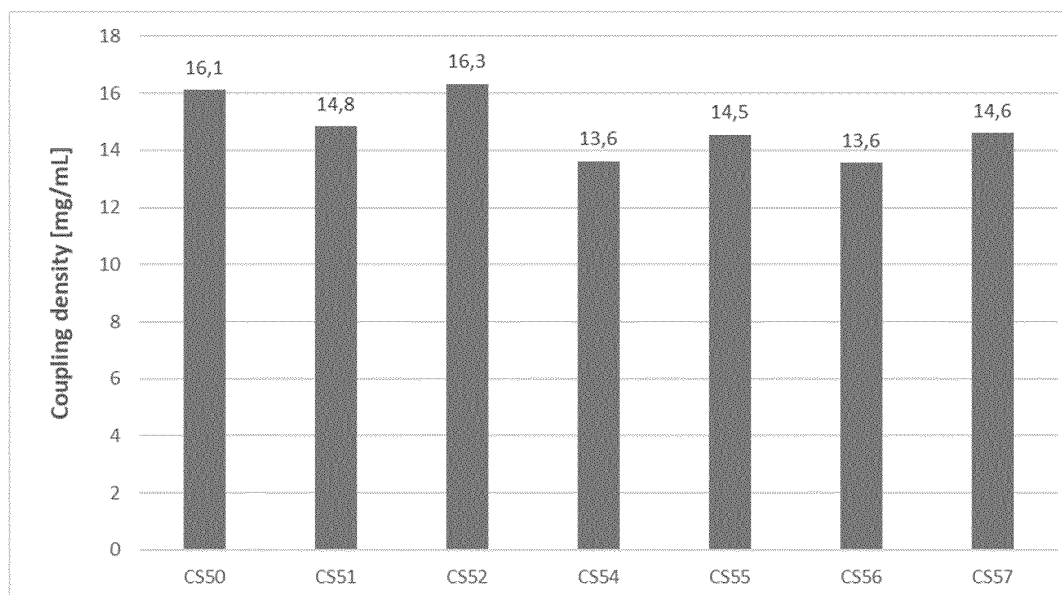


FIG. 3

FIG. 3A. High dynamic binding capacity of Ig binding proteins

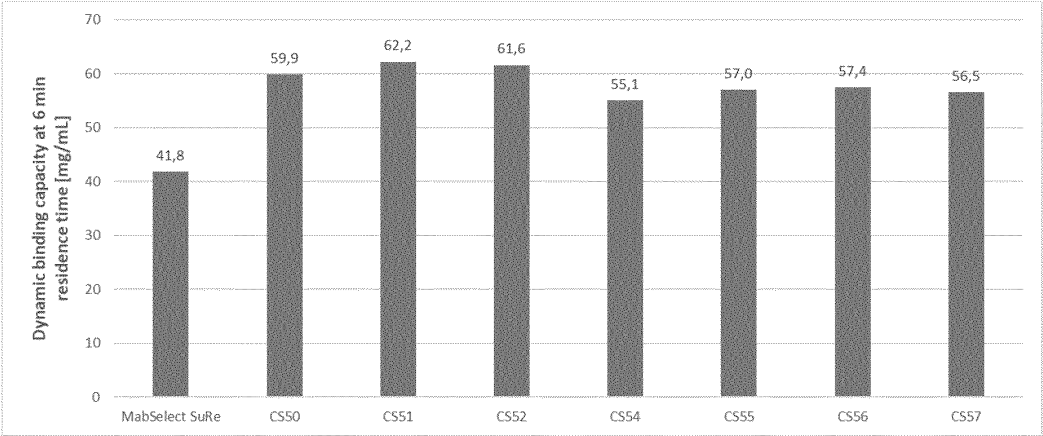


FIG. 3B. Improved dynamic binding capacity of Ig binding proteins compared to MabSelect SuRe.

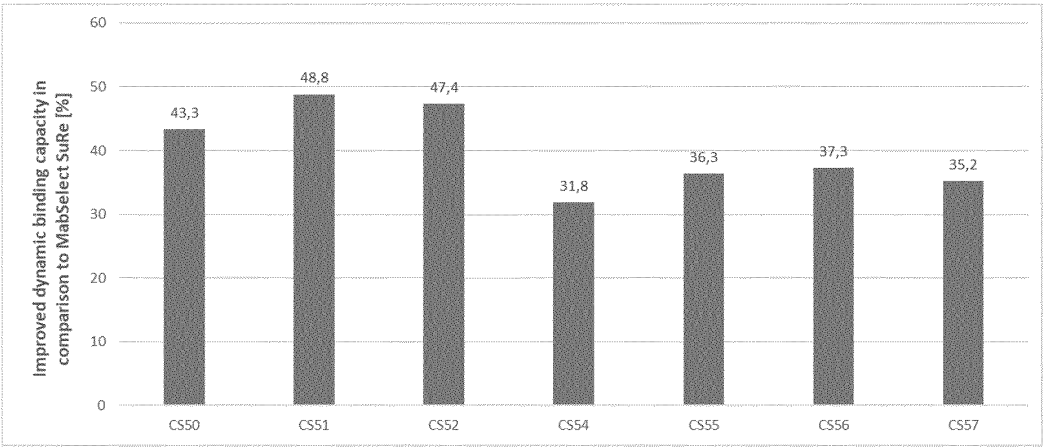


FIG. 4. Ig binding proteins show high IgG binding activity after 24h 0.5M NaOH