

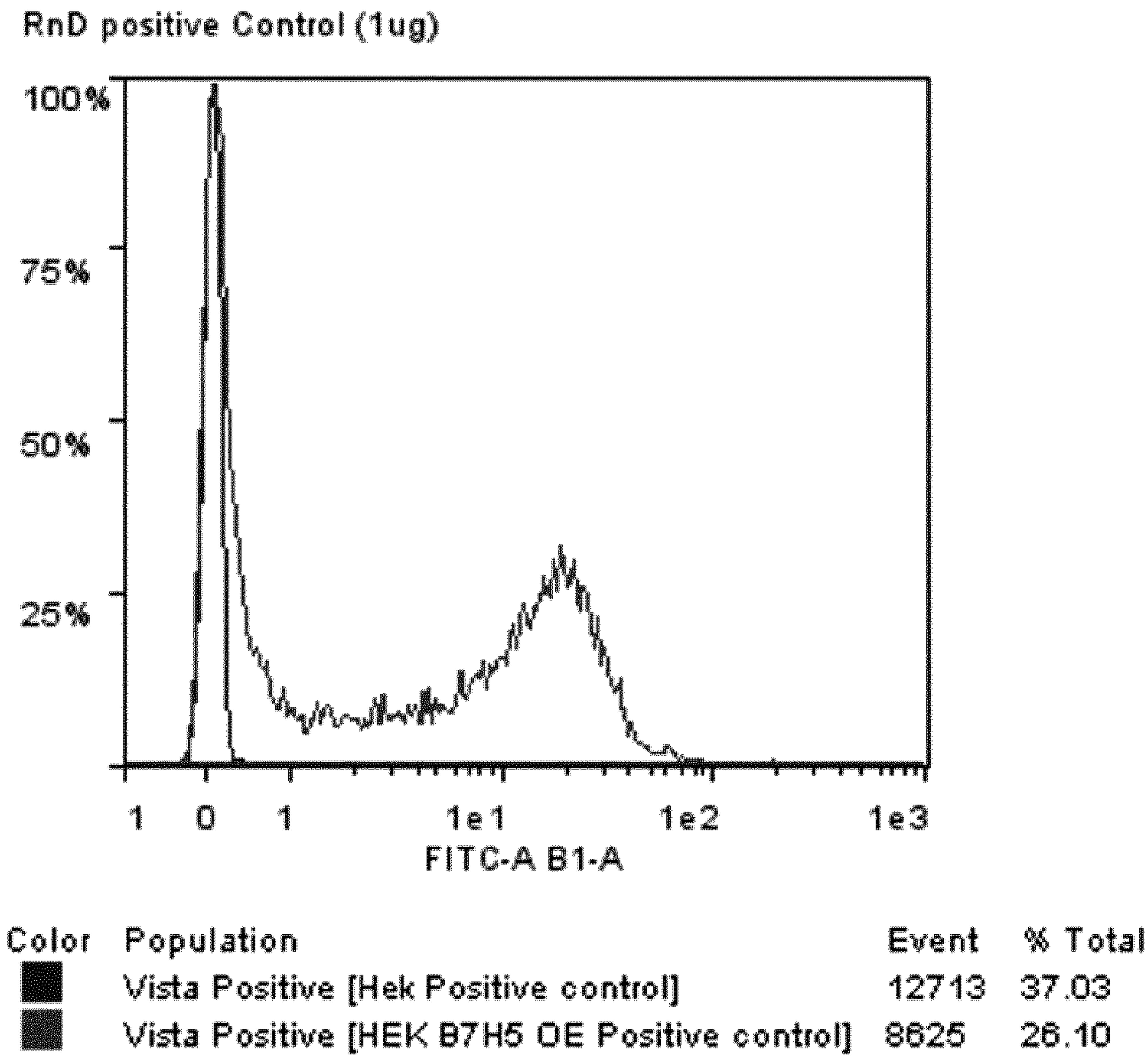


Figure 1A

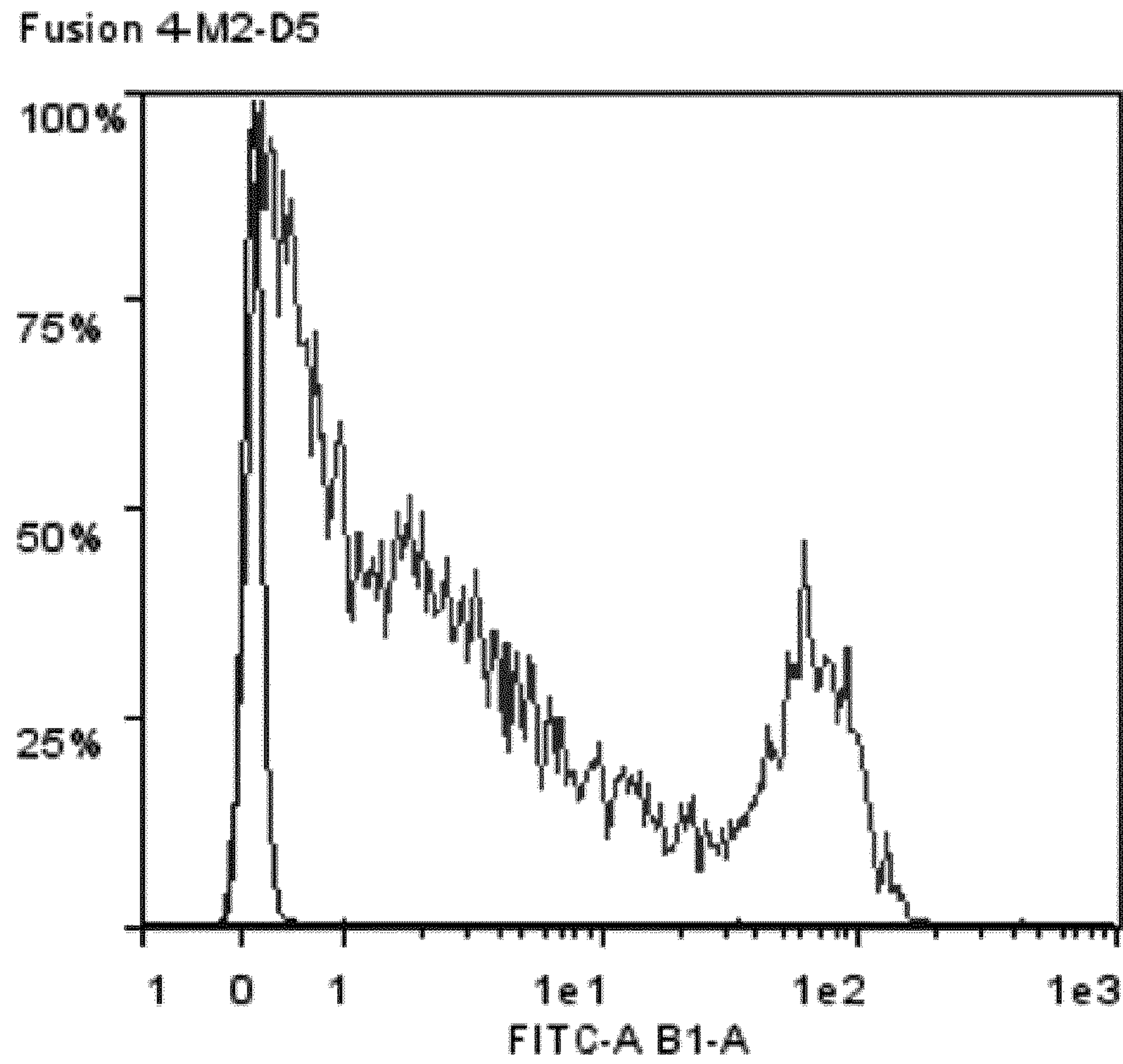


Figure 1B

Fusion 9-M2-C12

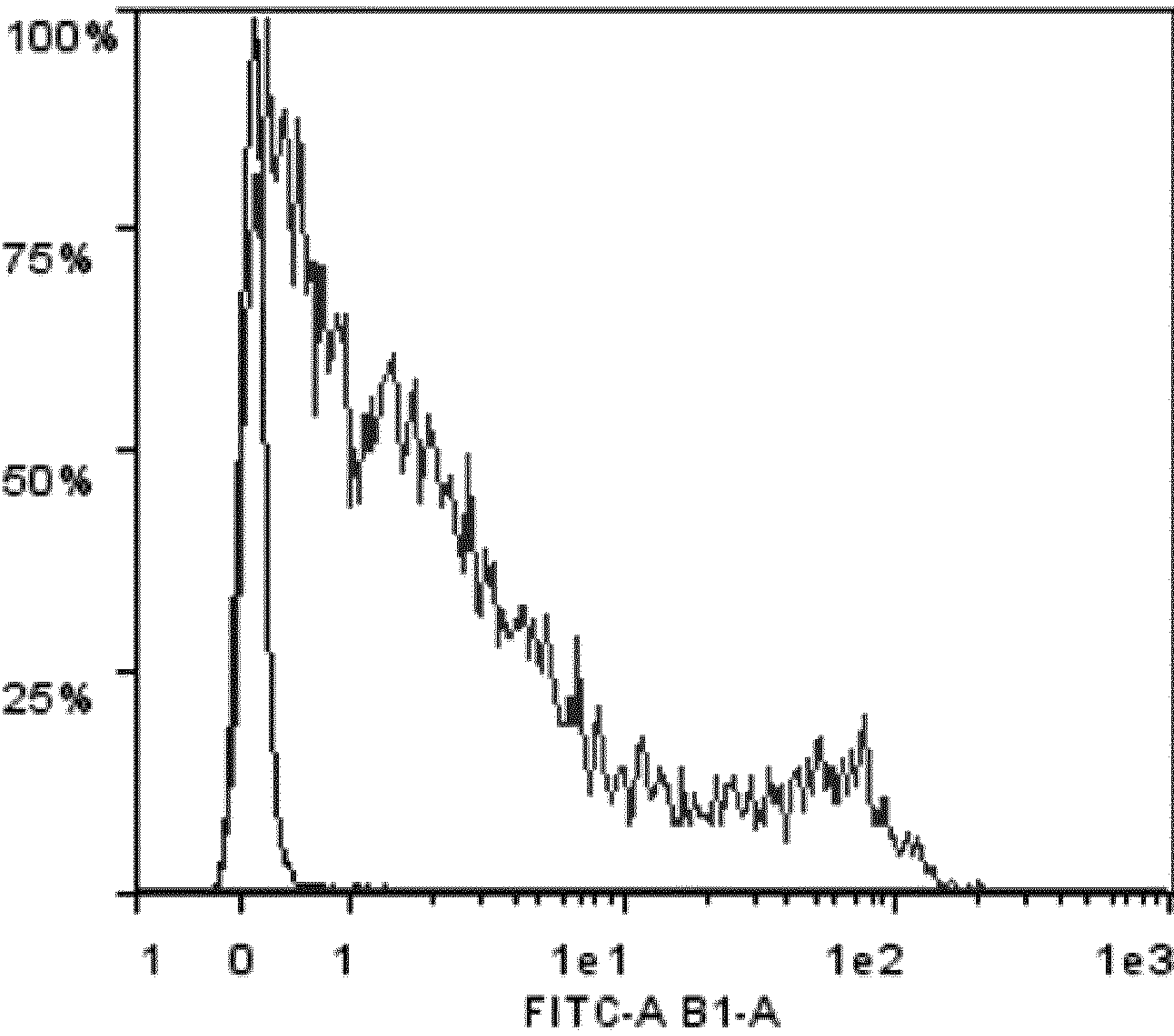
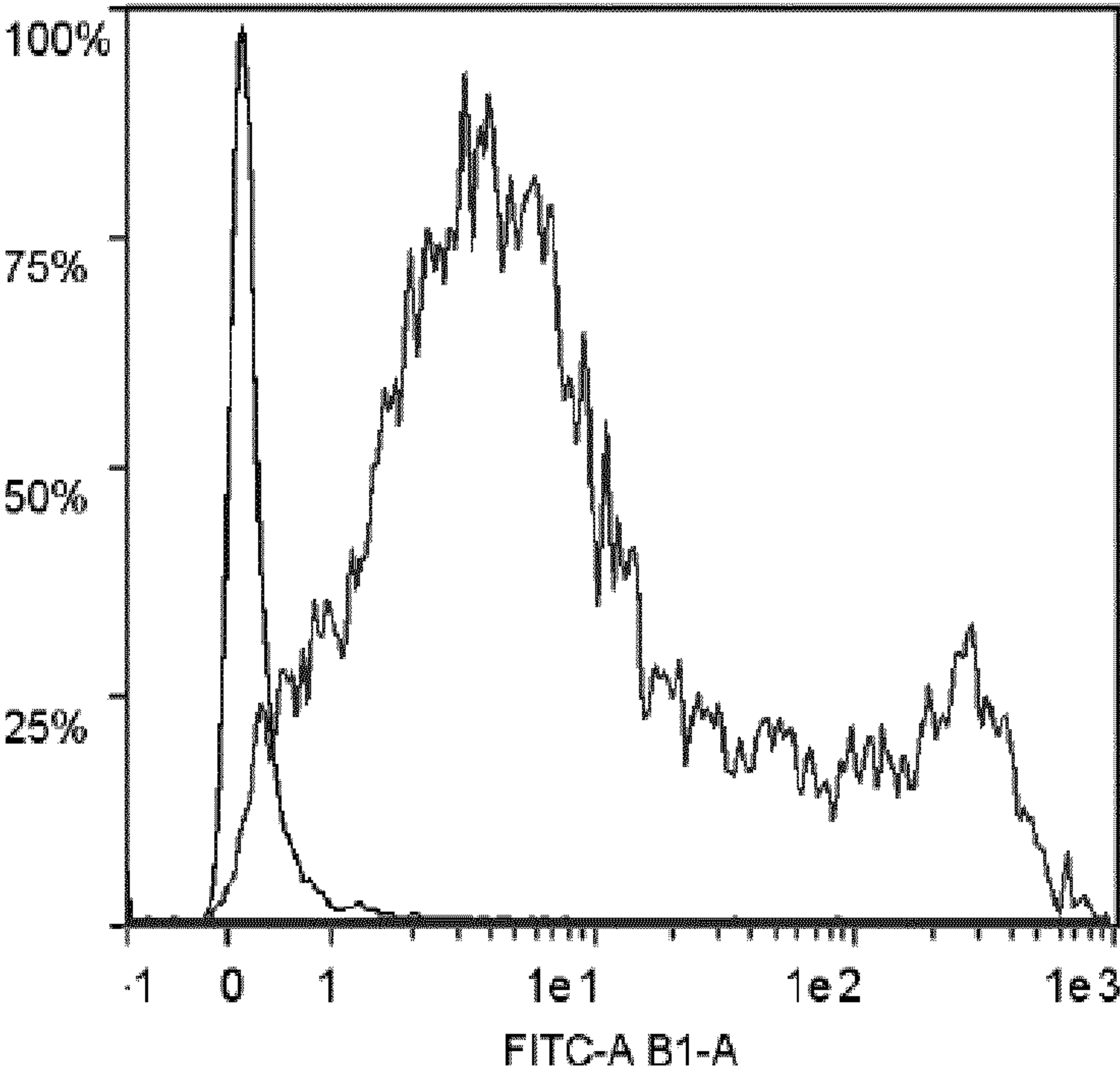


Figure 1C



Color	Population	Antibody	%Total
	HEK293	V4	2.25
	HEK293 VISTA O/E	V4	61.54

Figure 1D

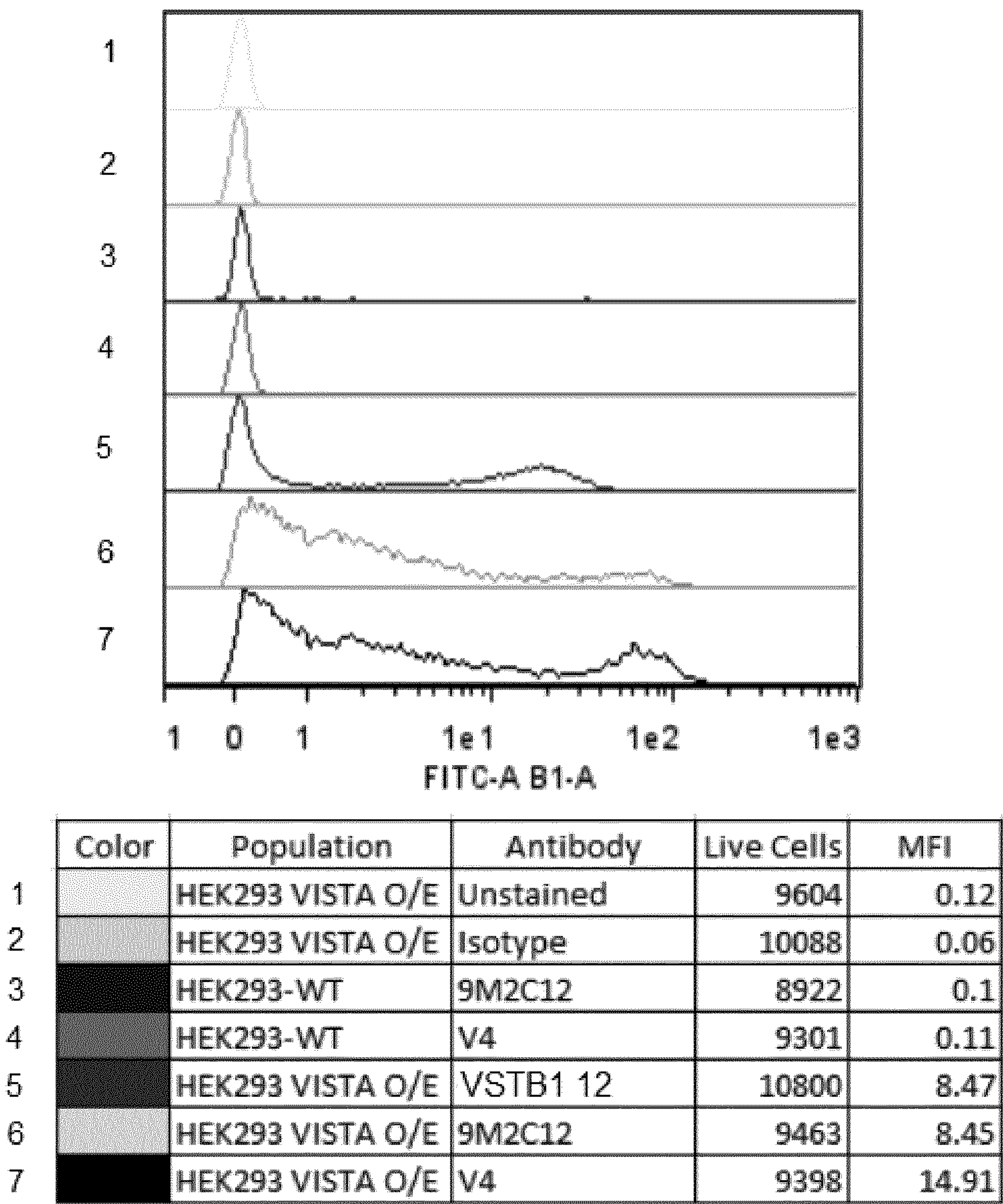
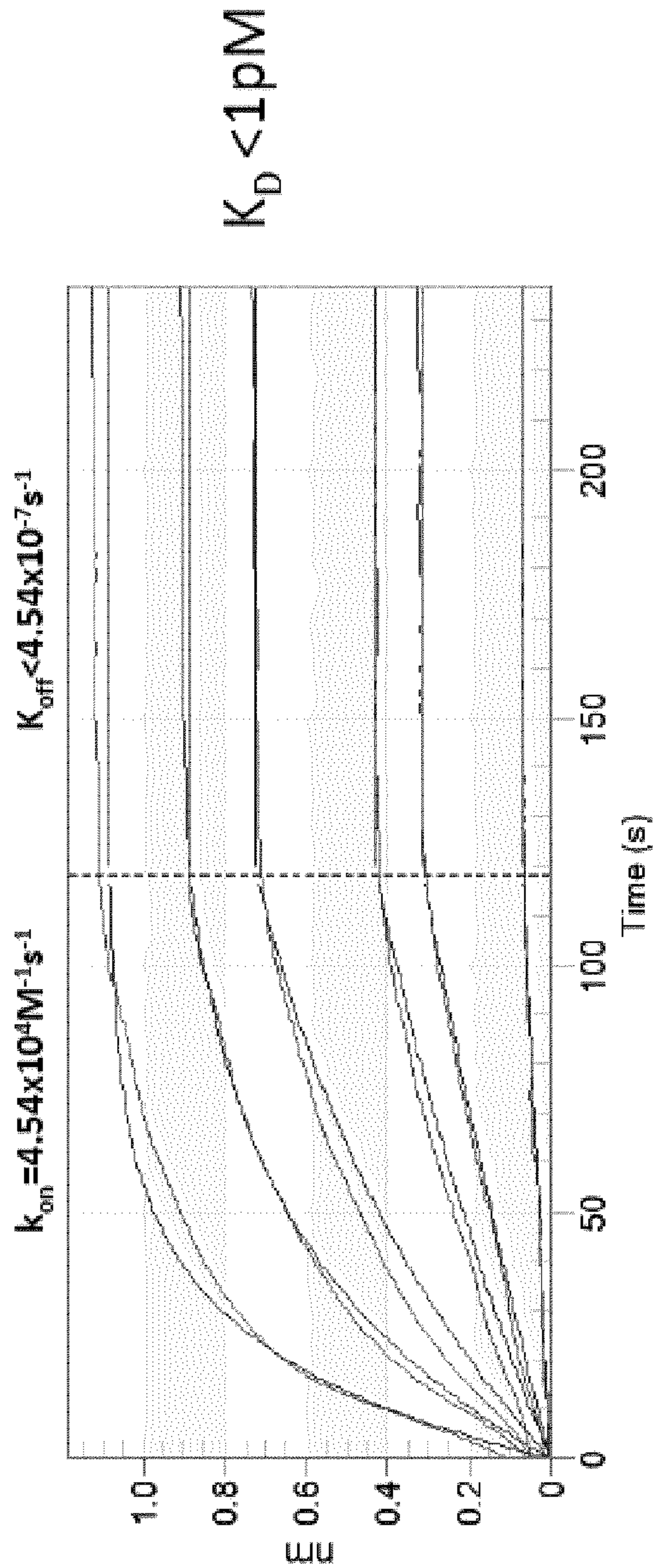
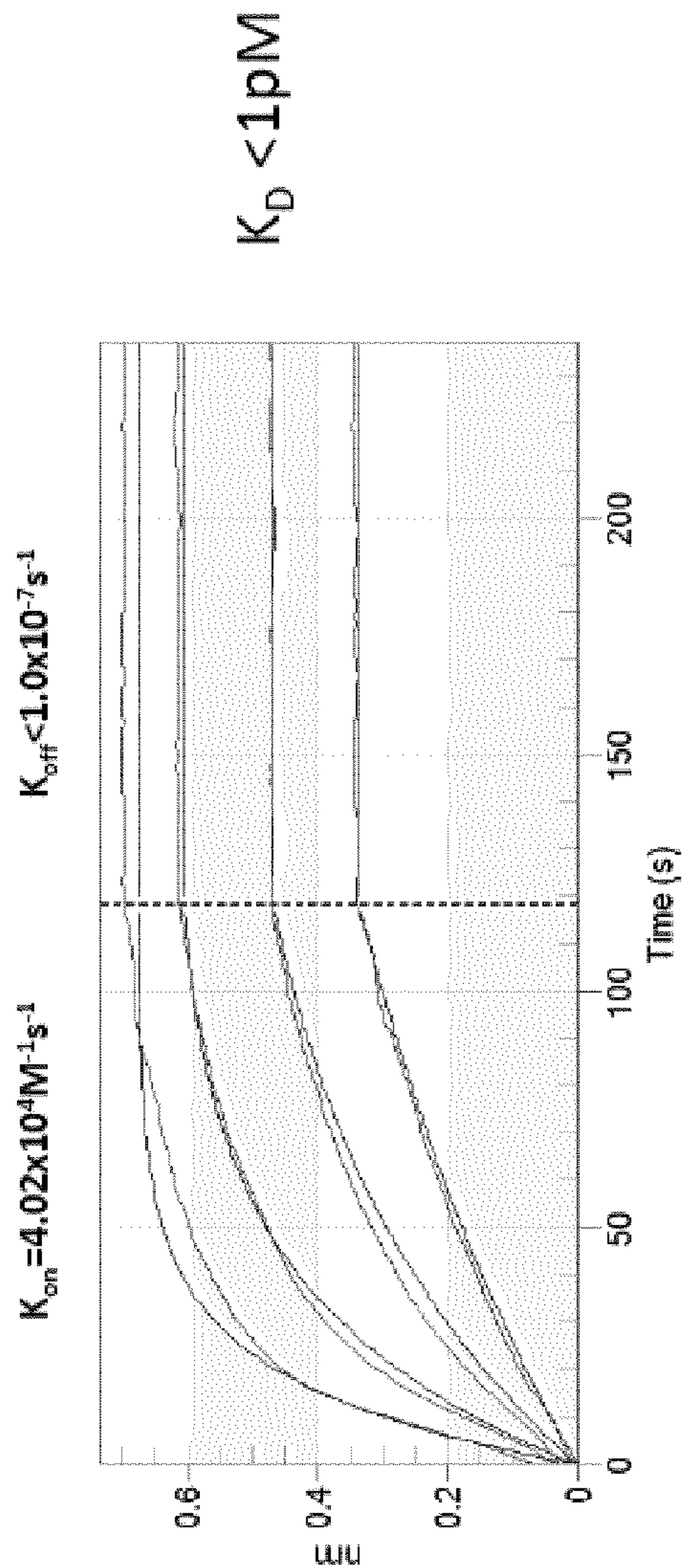


Figure 2



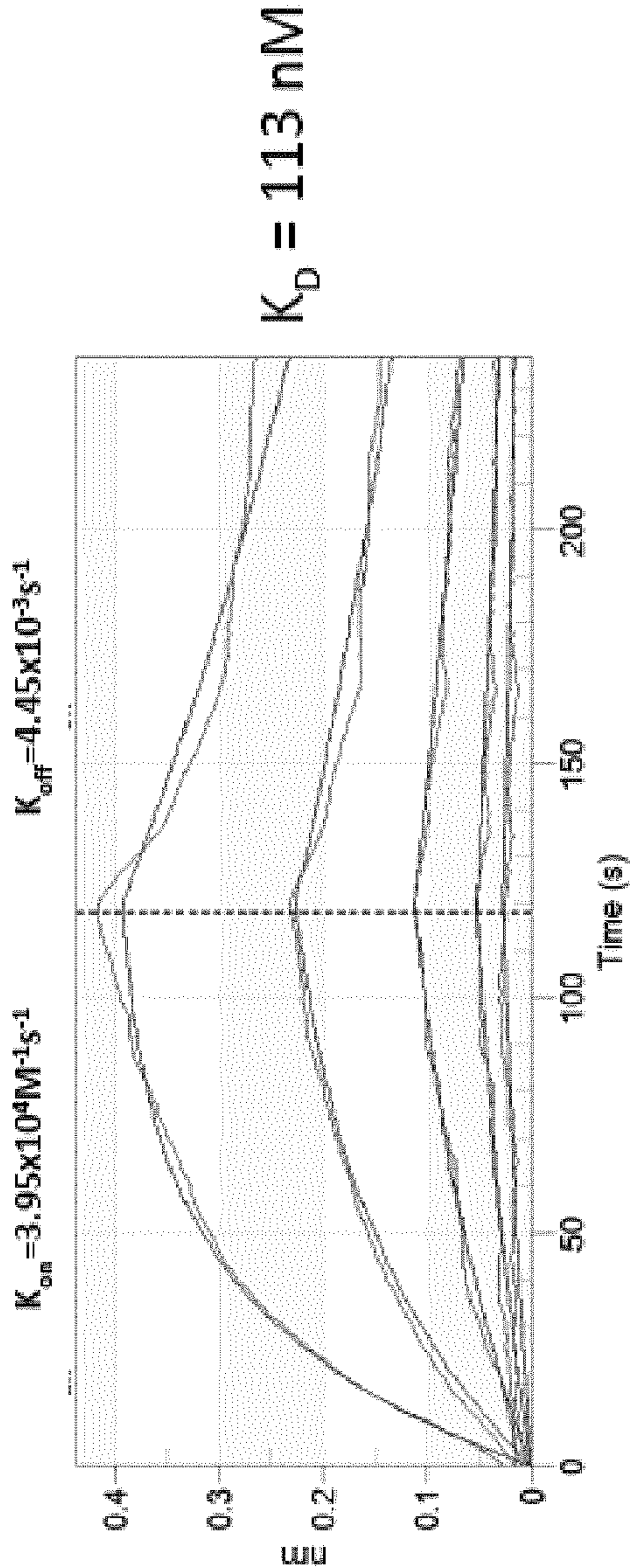
V4 Conc. (nM)	Response	KD (M)	KD Error	kon(1/ Ms)	kon Error	kdis(1/s)	RMax	Error	kobs(1/s)	Req	Req/ Rmax(%)	Full X^2	Full R^2
1000	1.1009	<1.0E-12	1.73E-09	4.54E+04	1.20E+03	<1.0E-07	1.0869	0.0077	4.54E-02	1.0869	100	0.1009	0.9961
500	0.881	<1.0E-12	1.73E-09	4.54E+04	1.20E+03	<1.0E-07	0.9508	0.0114	2.27E-02	0.9508	100	0.1009	0.9961
250	0.699	<1.0E-12	1.73E-09	4.54E+04	1.20E+03	<1.0E-07	0.975	0.0185	1.13E-02	0.975	100	0.1009	0.9961
125	0.4105	<1.0E-12	1.73E-09	4.54E+04	1.20E+03	<1.0E-07	0.872	0.0228	5.67E-03	0.872	100	0.1009	0.9961
62.5	0.2962	<1.0E-12	1.73E-09	4.54E+04	1.20E+03	<1.0E-07	1.094	0.0343	2.83E-03	1.094	100	0.1009	0.9961
31.3	0.0618	<1.0E-12	1.73E-09	4.54E+04	1.20E+03	<1.0E-07	0.4238	0.0342	1.42E-03	0.4238	100	0.1009	0.9961

Figure 3A



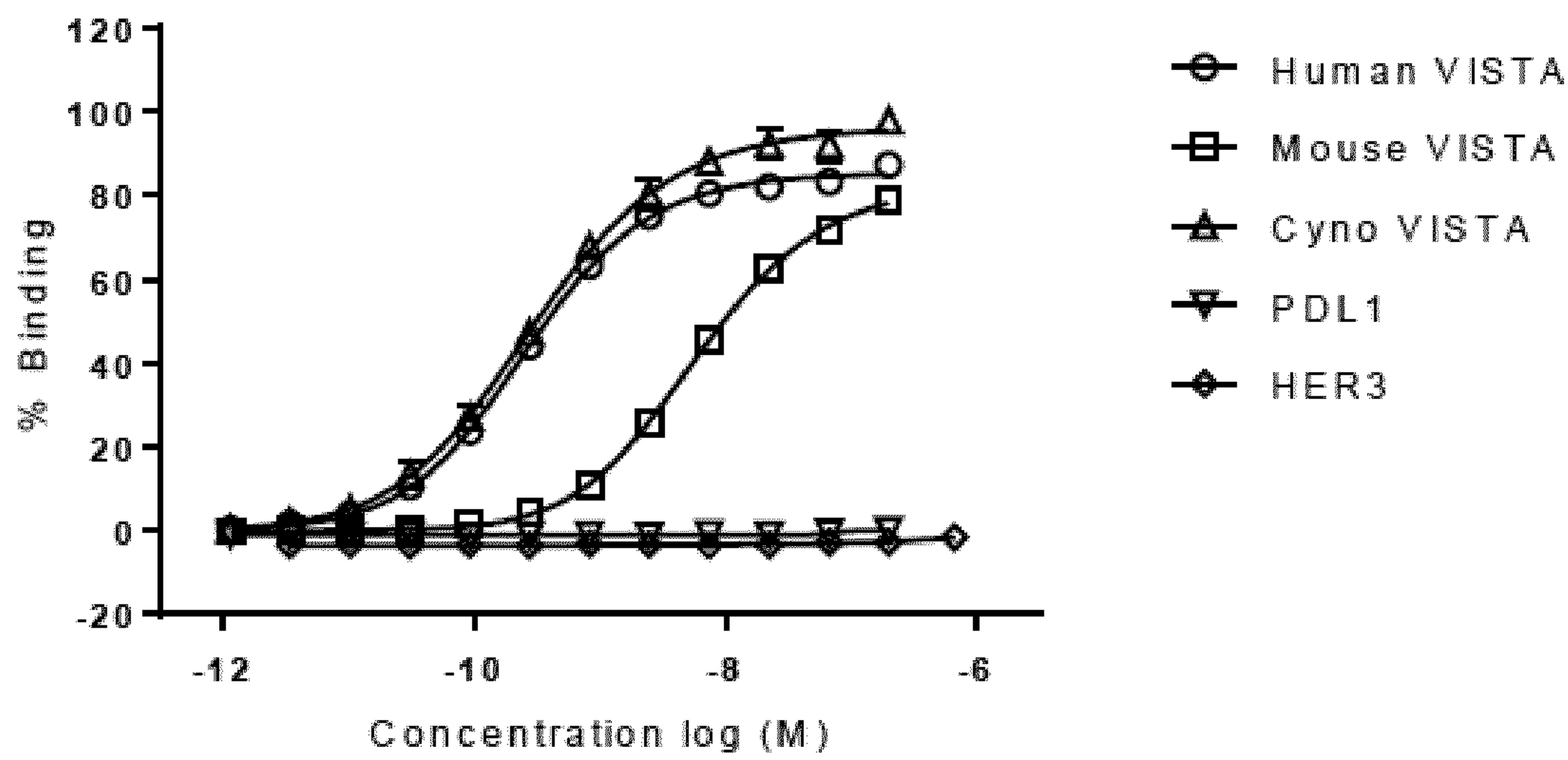
V4 Conc. (nM)	Response	KD (M)	KD Error	kon(1/ Ms)	kon Error	kdis(1/s)	RMax	RMax Error	kobs(1/s)	Req	Req/ Rmax(%)	Full X^2	Full R^2
1433	0.688	<1.0E-12	2.10E-09	4.02E+04	1.12E+03	<1.0E-07	0.6759	0.0047	5.76E-02	0.6759	100	0.0332	0.9927
716.5	0.6052	<1.0E-12	2.10E-09	4.02E+04	1.12E+03	<1.0E-07	0.6264	0.0066	2.88E-02	0.6264	100	0.0332	0.9927
358.3	0.4609	<1.0E-12	2.10E-09	4.02E+04	1.12E+03	<1.0E-07	0.5714	0.0101	1.44E-02	0.5714	100	0.0332	0.9927
179.1	0.3216	<1.0E-12	2.10E-09	4.02E+04	1.12E+03	<1.0E-07	0.5837	0.0147	7.20E-03	0.5837	100	0.0332	0.9927
143.3	0.688	<1.0E-12	2.10E-09	4.02E+04	1.12E+03	<1.0E-07	0.6759	0.0047	5.76E-02	0.6759	100	0.0332	0.9927

Figure 3B



V4 Conc. (nM)	Response	KD (M)	KD Error	kon(1/ Ms)	kon Error	kdis(1/s)	kdis Error	RMax	Error	kobs(1/s)	Req	Rmax(%)	Full X^2	Full R^2
666.5	0.4104	1.13E-07	5.65E-09	3.95E+04	1.58E+03	4.45E-03	1.34E-04	0.4719	0.0083	3.08E-02	0.4036	85.5	0.0099	0.9948
333.3	0.2261	1.13E-07	5.65E-09	3.95E+04	1.58E+03	4.45E-03	1.34E-04	0.3459	0.0097	1.76E-02	0.2584	74.7	0.0099	0.9948
166.6	0.1064	1.13E-07	5.65E-09	3.95E+04	1.58E+03	4.45E-03	1.34E-04	0.2573	0.0101	1.10E-02	0.1534	59.6	0.0099	0.9948
83.3	0.0514	1.13E-07	5.65E-09	3.95E+04	1.58E+03	4.45E-03	1.34E-04	0.207	0.0116	7.74E-03	0.0879	42.5	0.0099	0.9948
41.7	0.0275	1.13E-07	5.65E-09	3.95E+04	1.58E+03	4.45E-03	1.34E-04	0.1952	0.0172	6.10E-03	0.0527	27	0.0099	0.9948

Figure 3C



	Human VISTA	Mouse VISTA	Cyno VISTA	PDL1	HER3
EC ₅₀ (M)	2.56E-10	5.93E-09	2.82E-10	N/A	N/A

Figure 4A

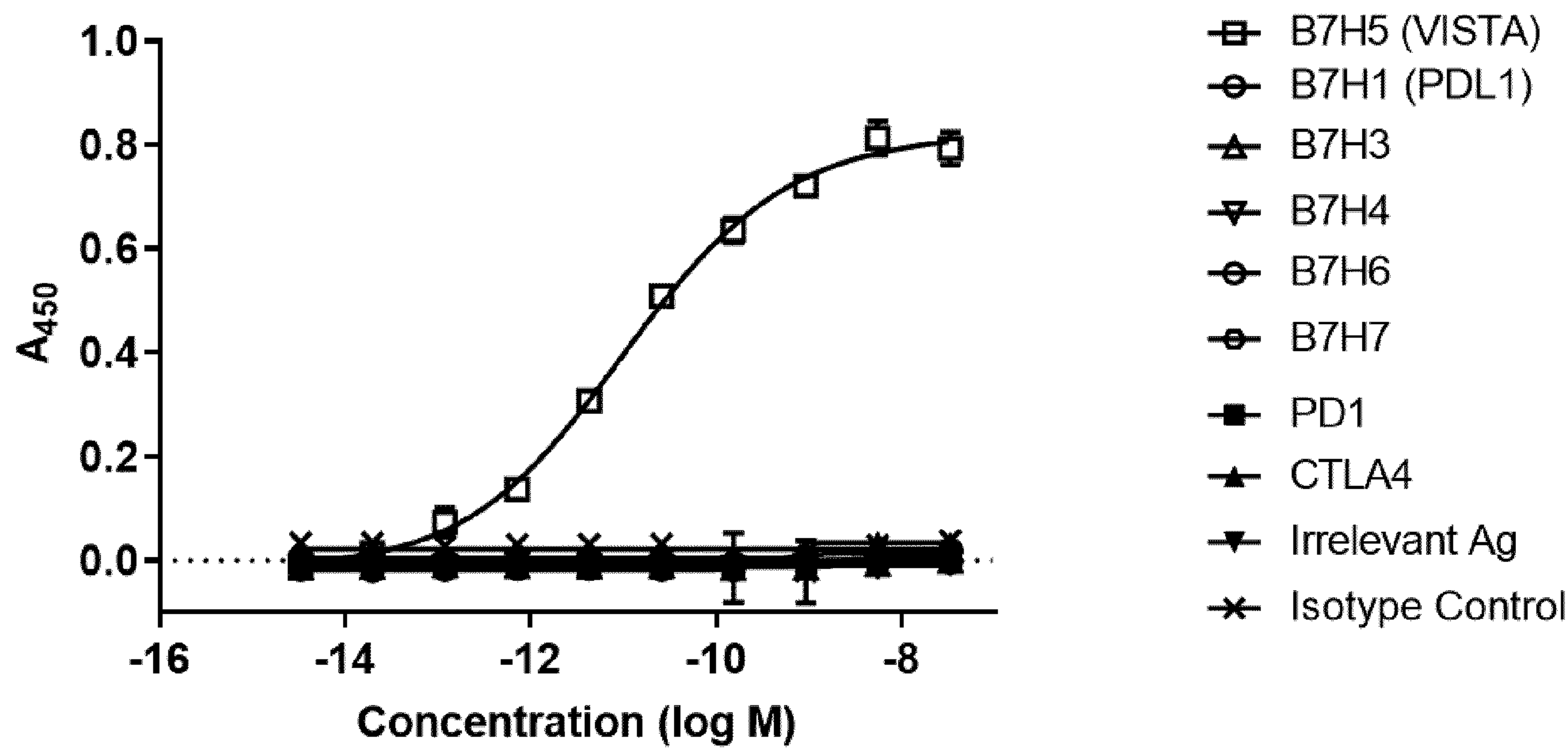


Figure 4B

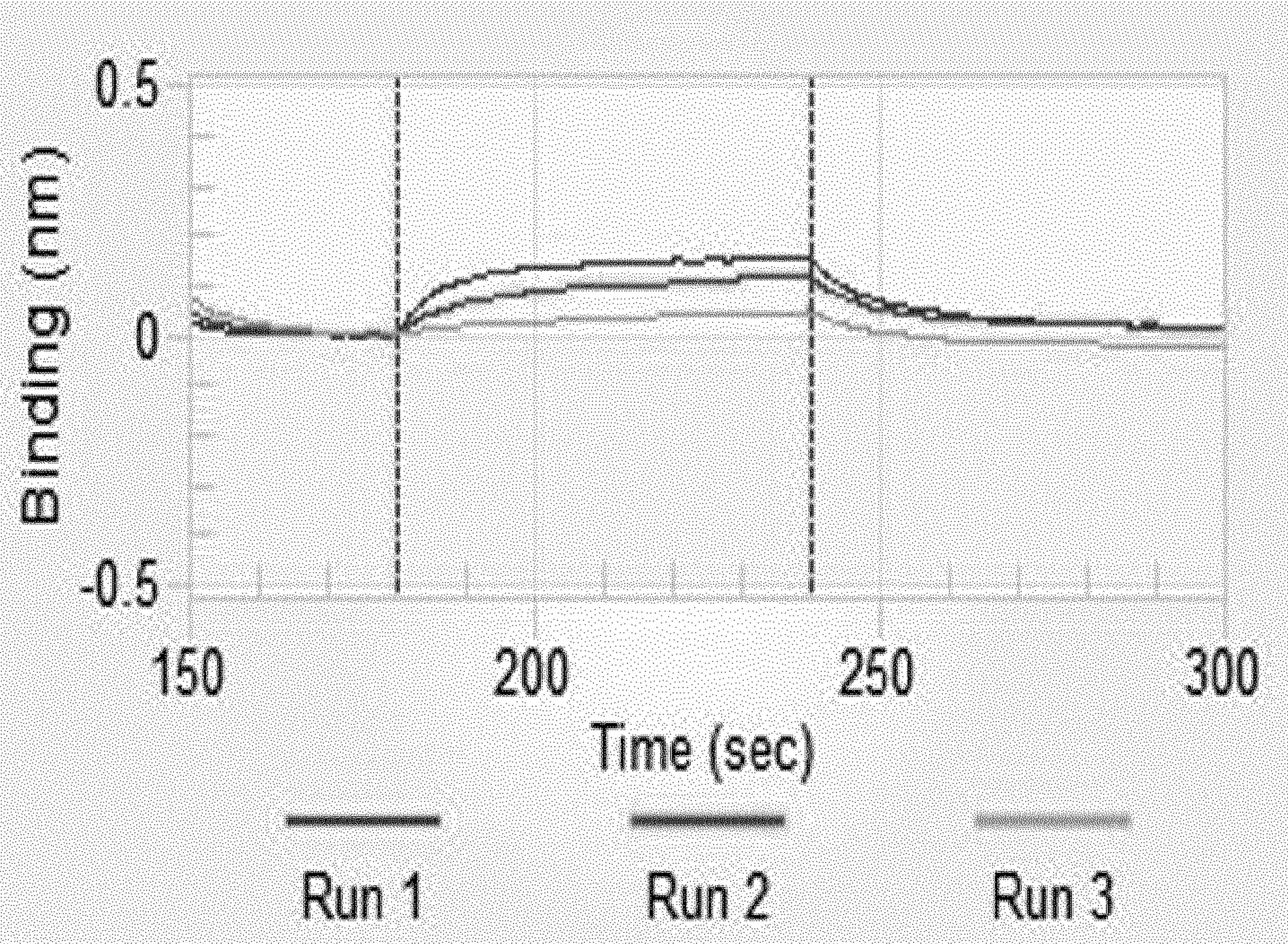


Figure 5

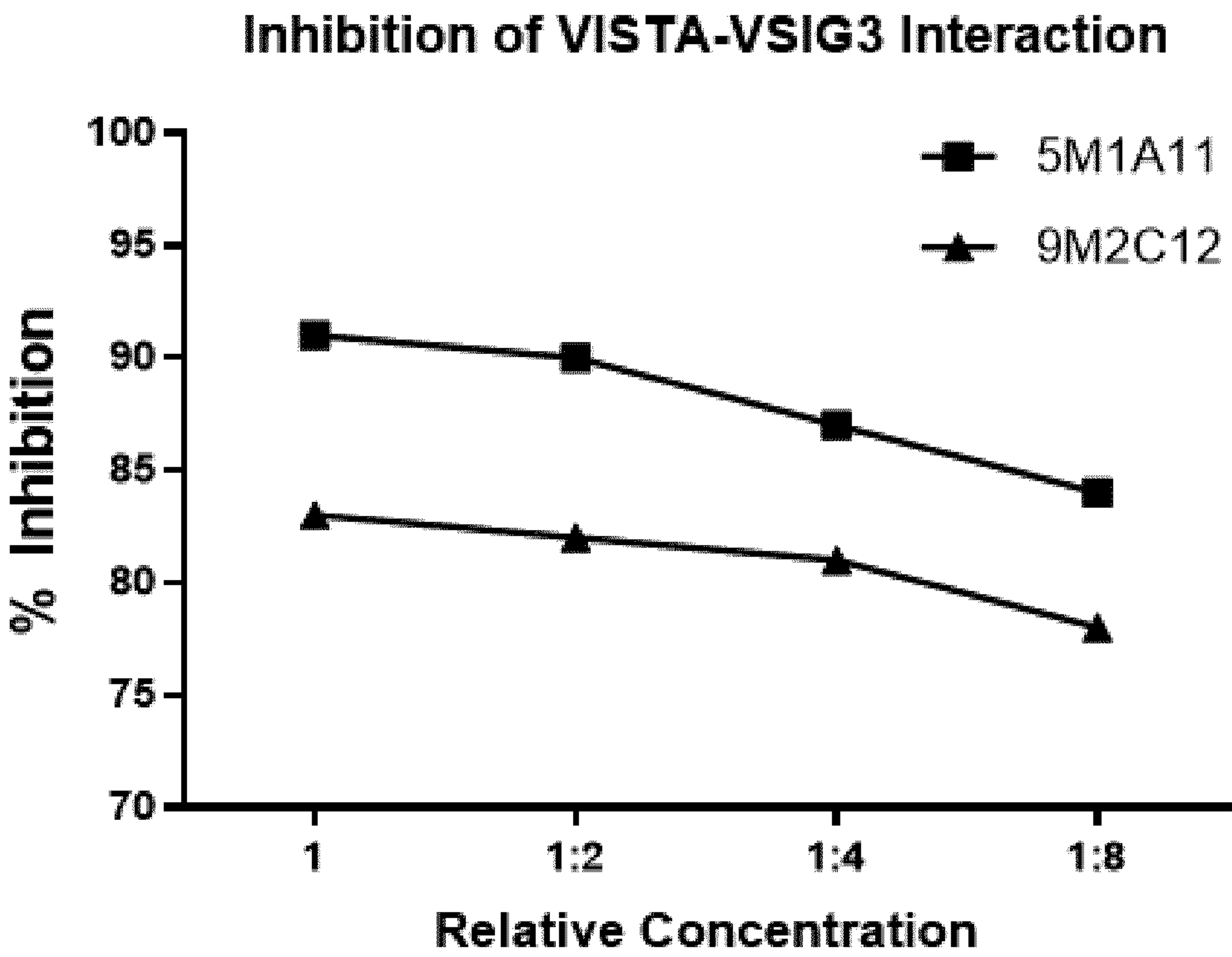


Figure 6

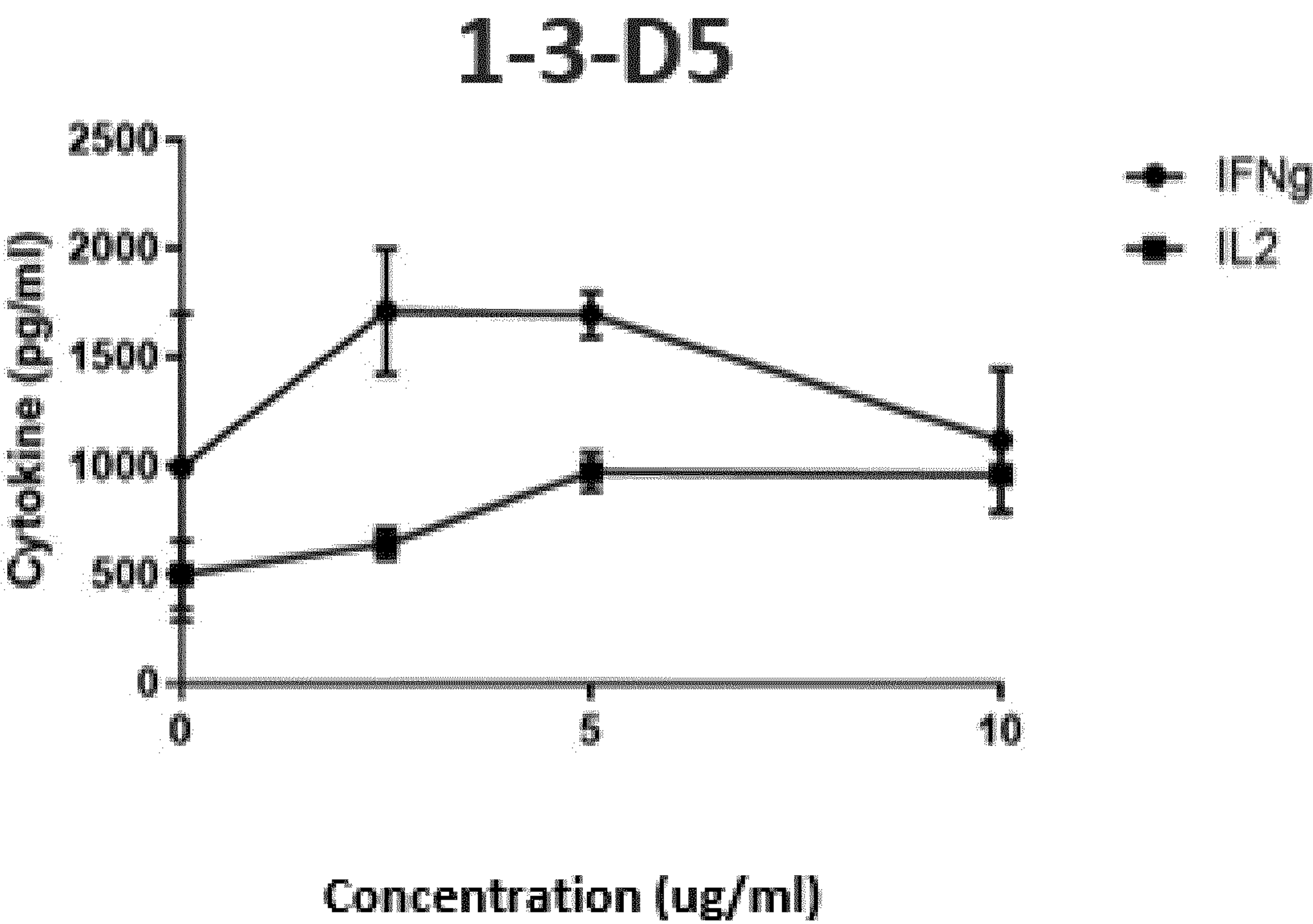


Figure 7A

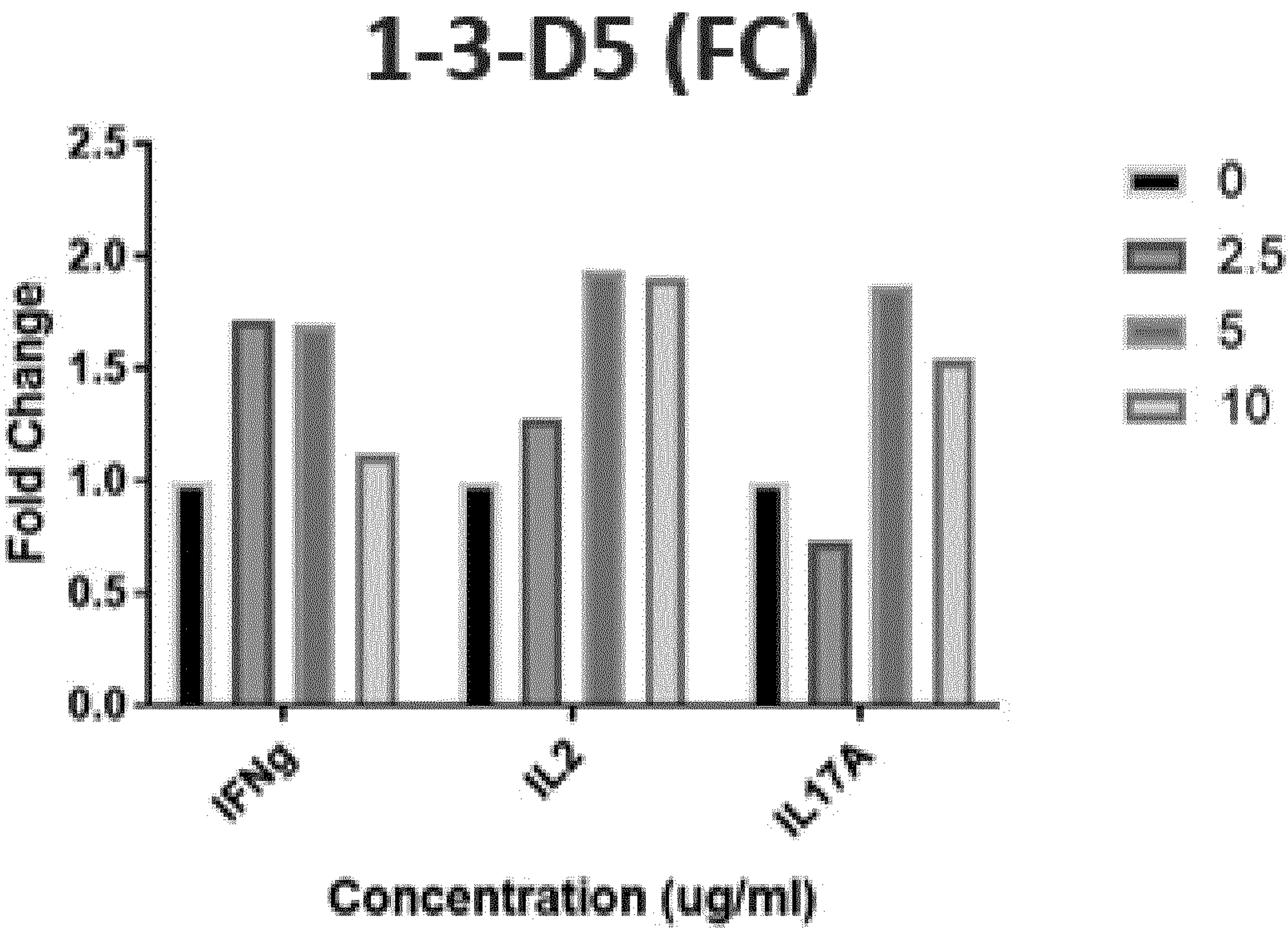


Figure 7B

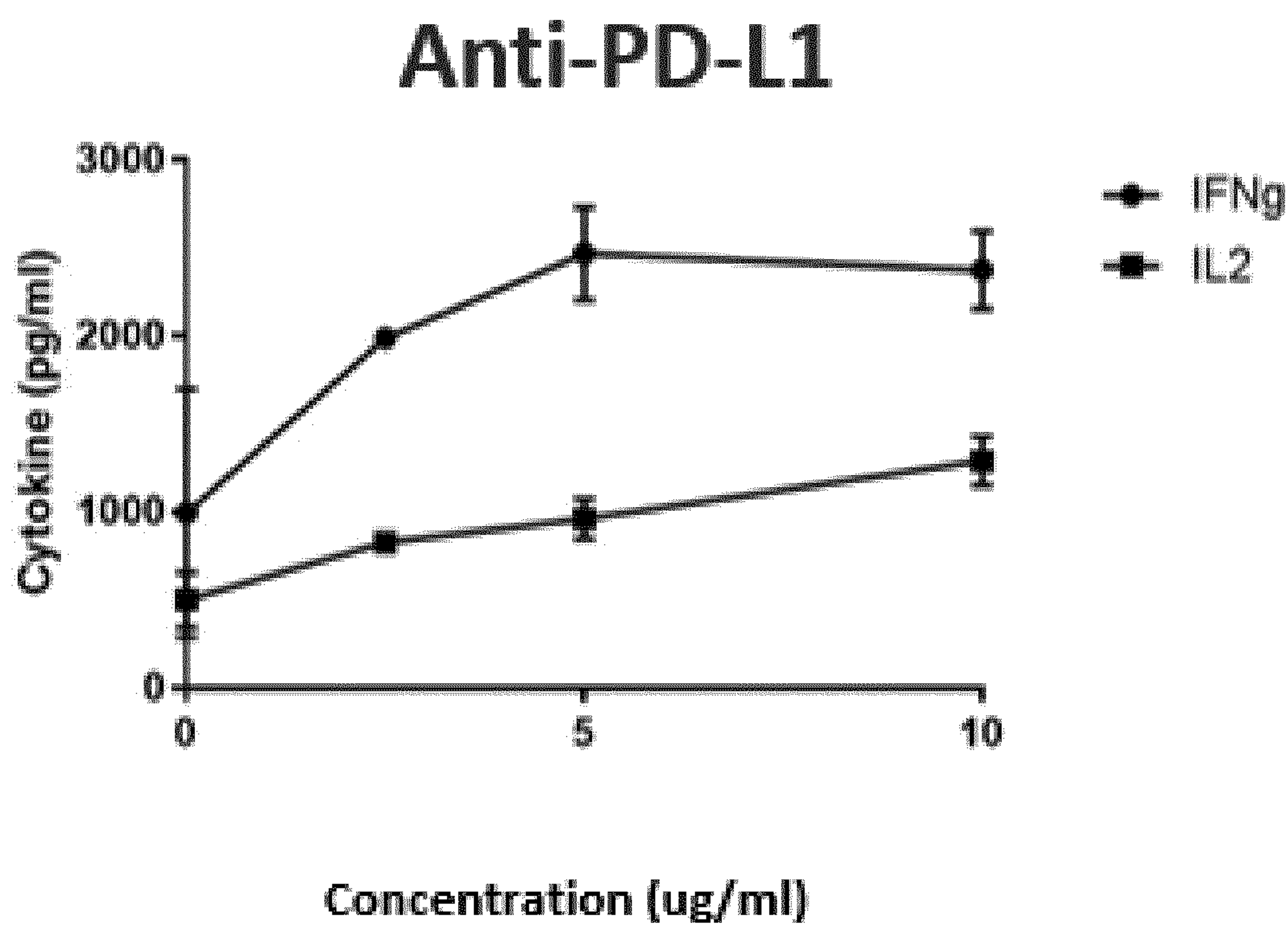


Figure 8A

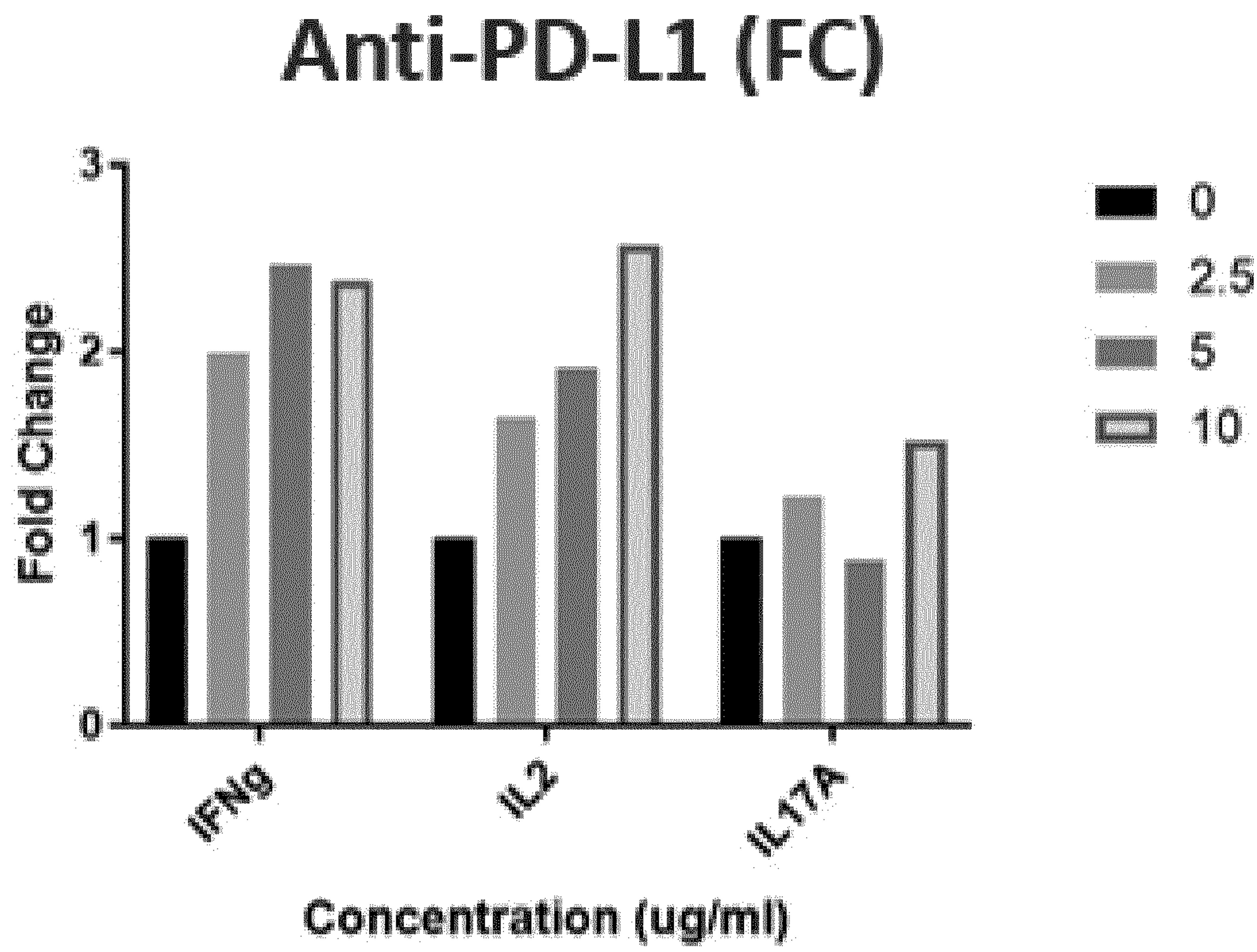


Figure 8B

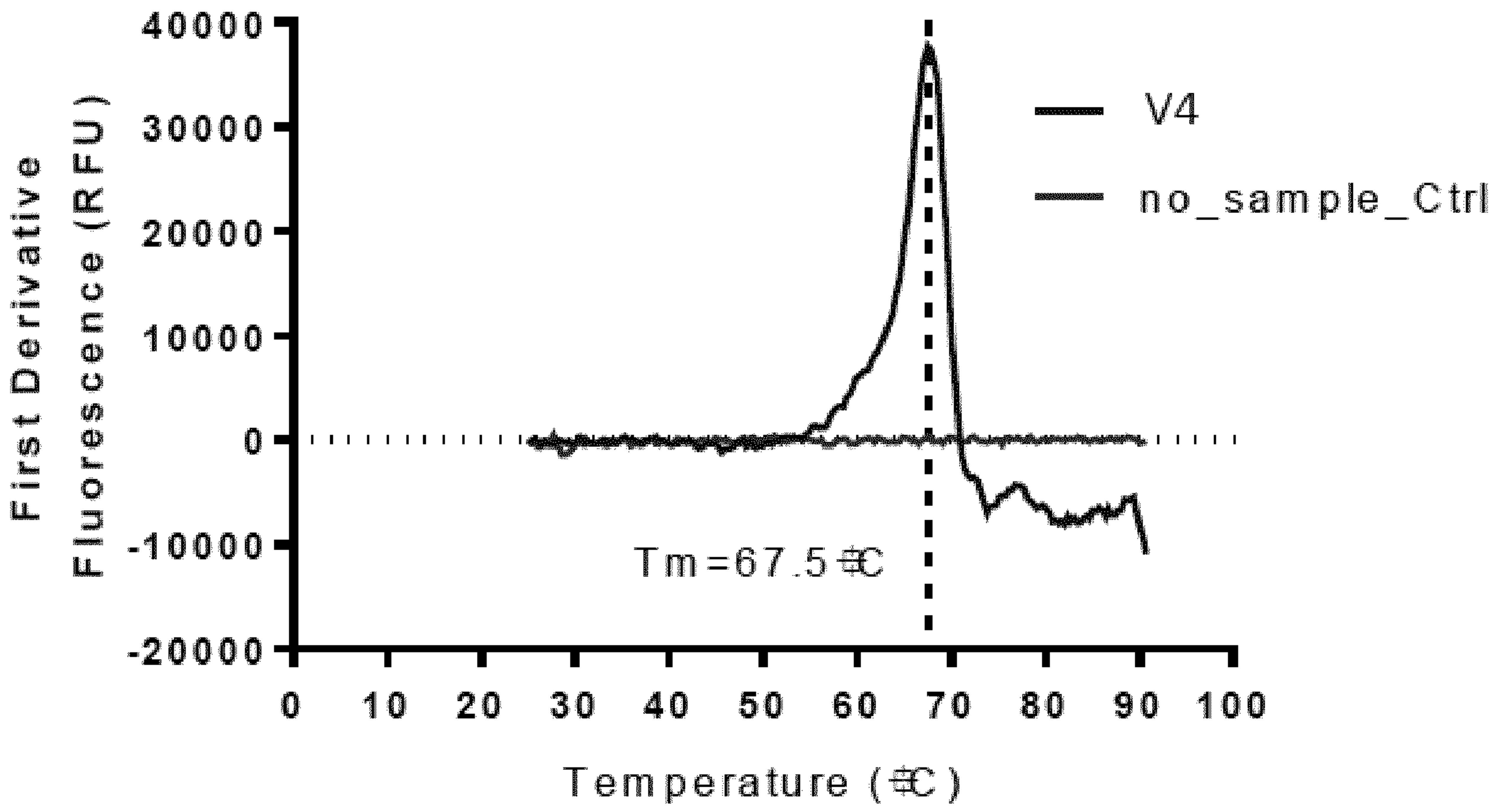


Figure 9

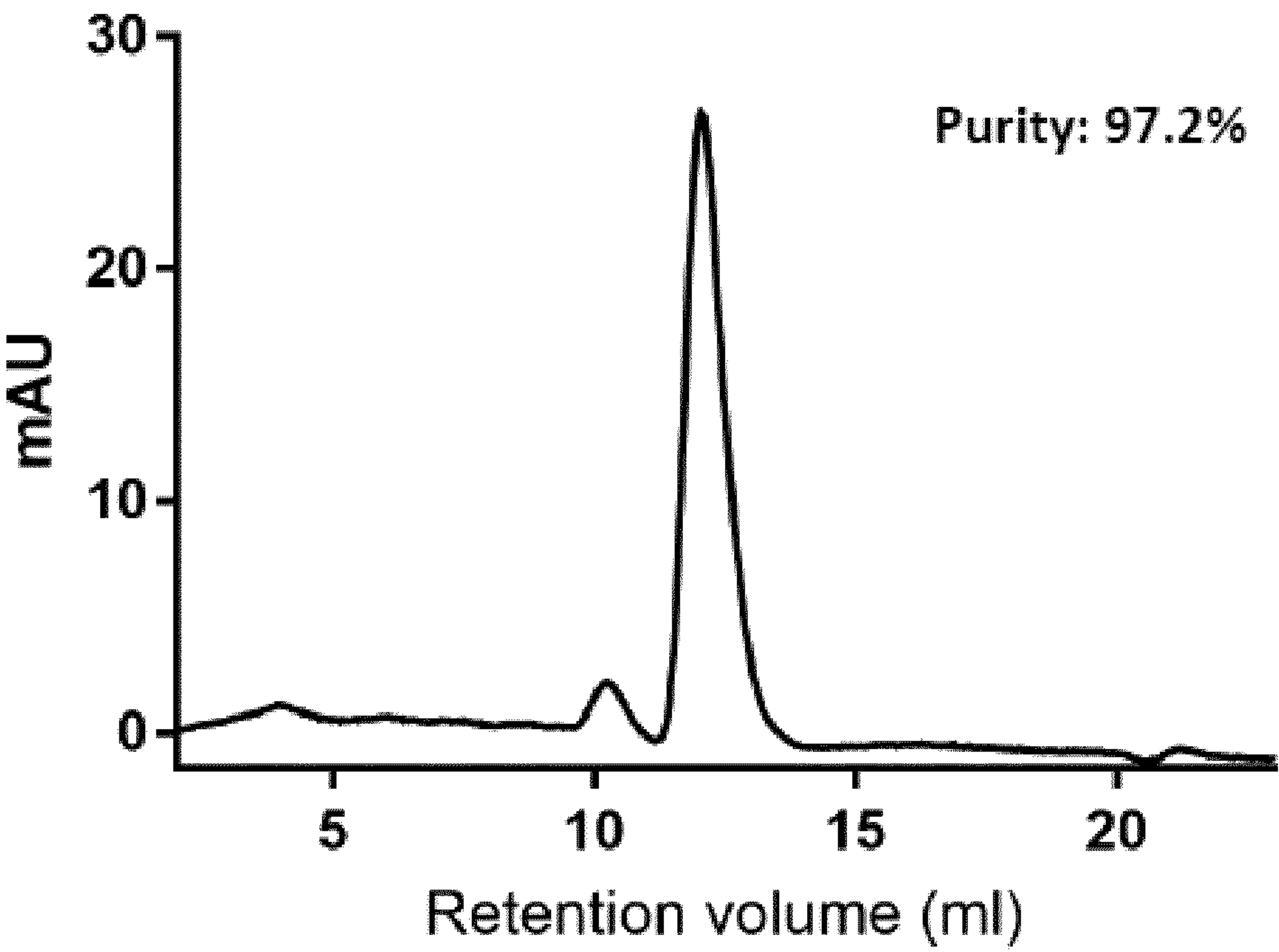


Figure 10

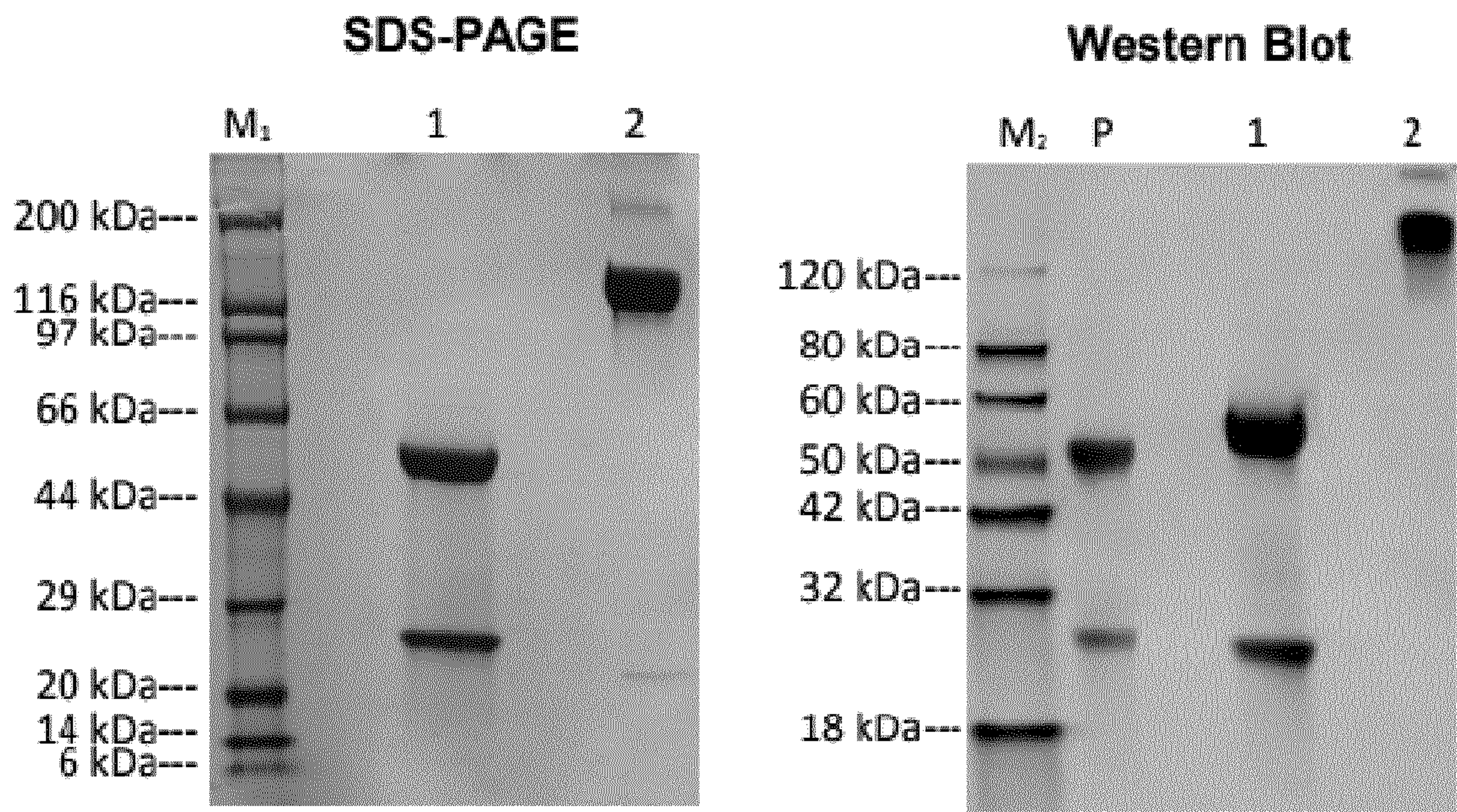
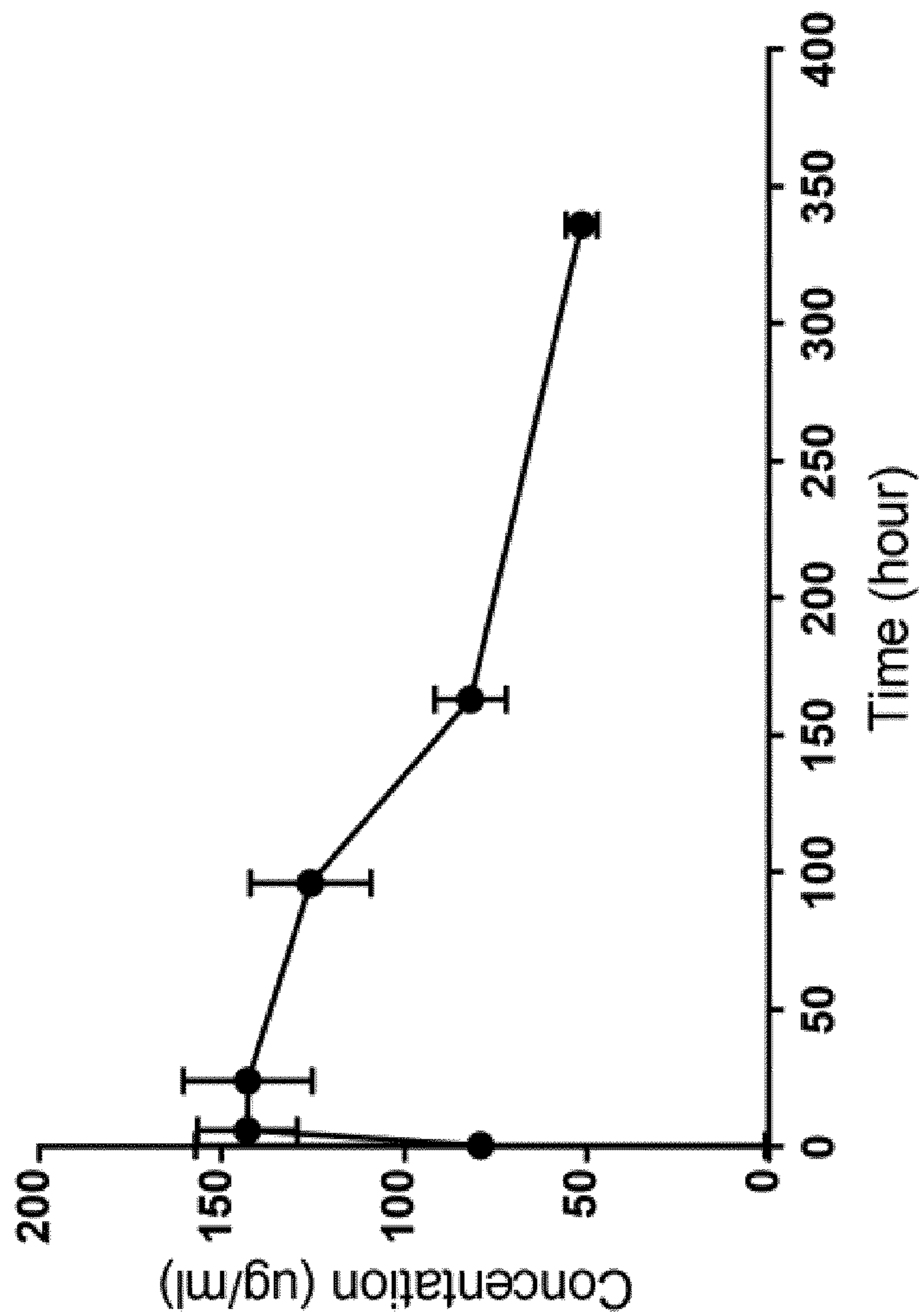


Figure 11



Arms	Dose	Cmax (ug/ml)	Tmax (hr)	AUC0-336 (ug*h/ml)	AUC0-Infinity (ug*h/ml)	T1/2 (hr)	CL (ml/h)	Vd (ml/kg)
V4P	25mg/kg	143.05	6.00	31382.88	47118.67	211.79	0.01	3.84

Figure 12

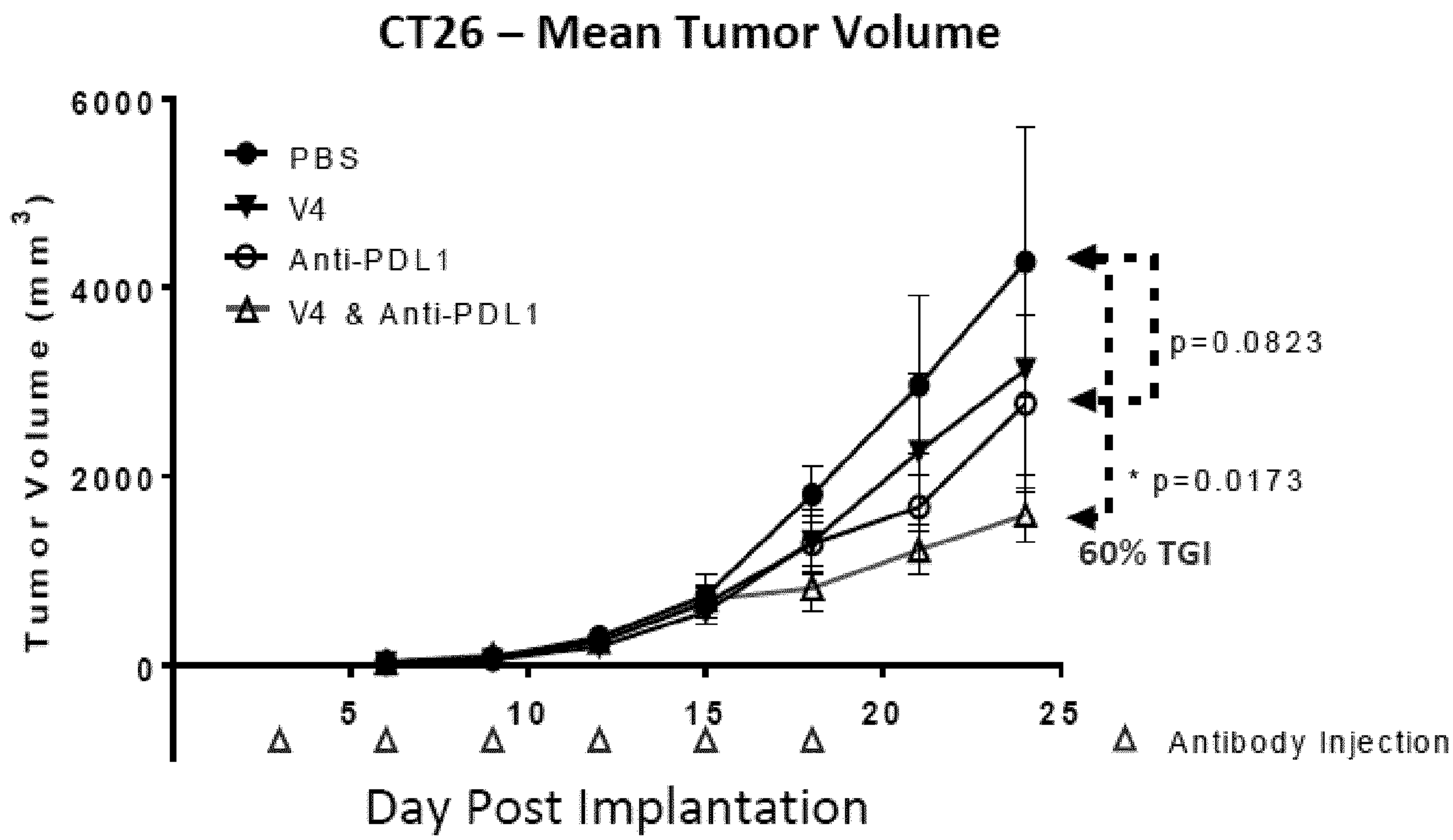


Figure 13

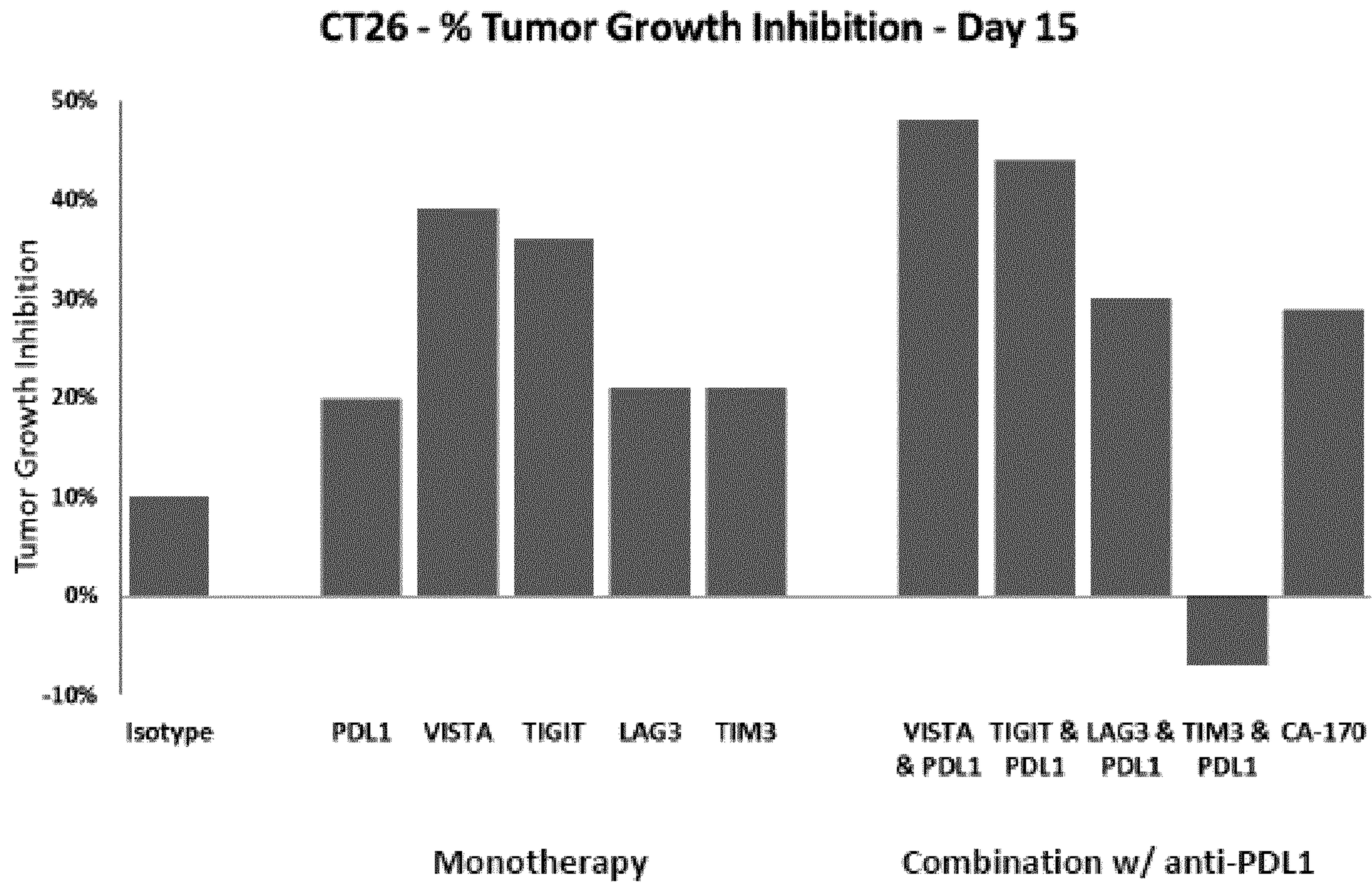


Figure 14

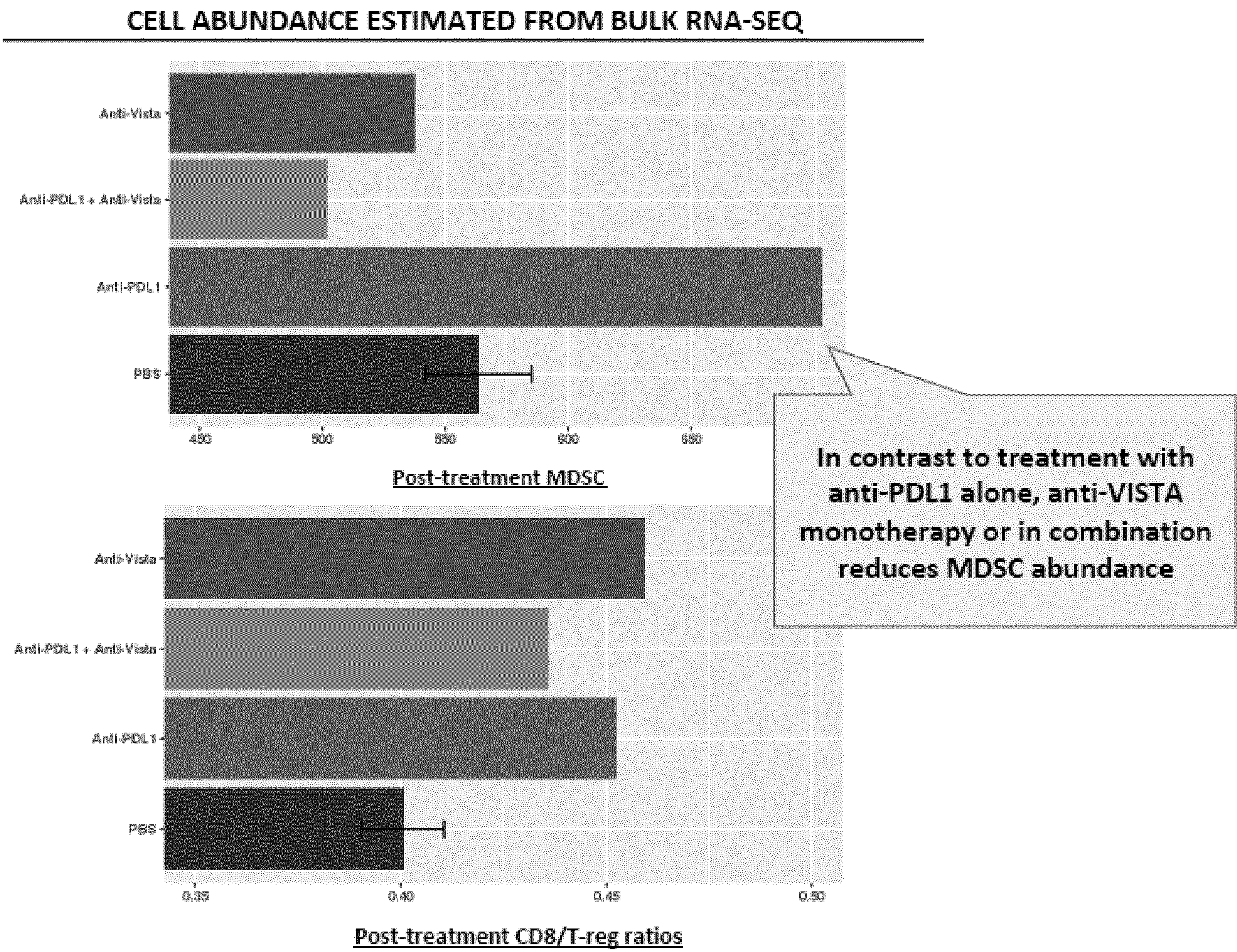


Figure 15

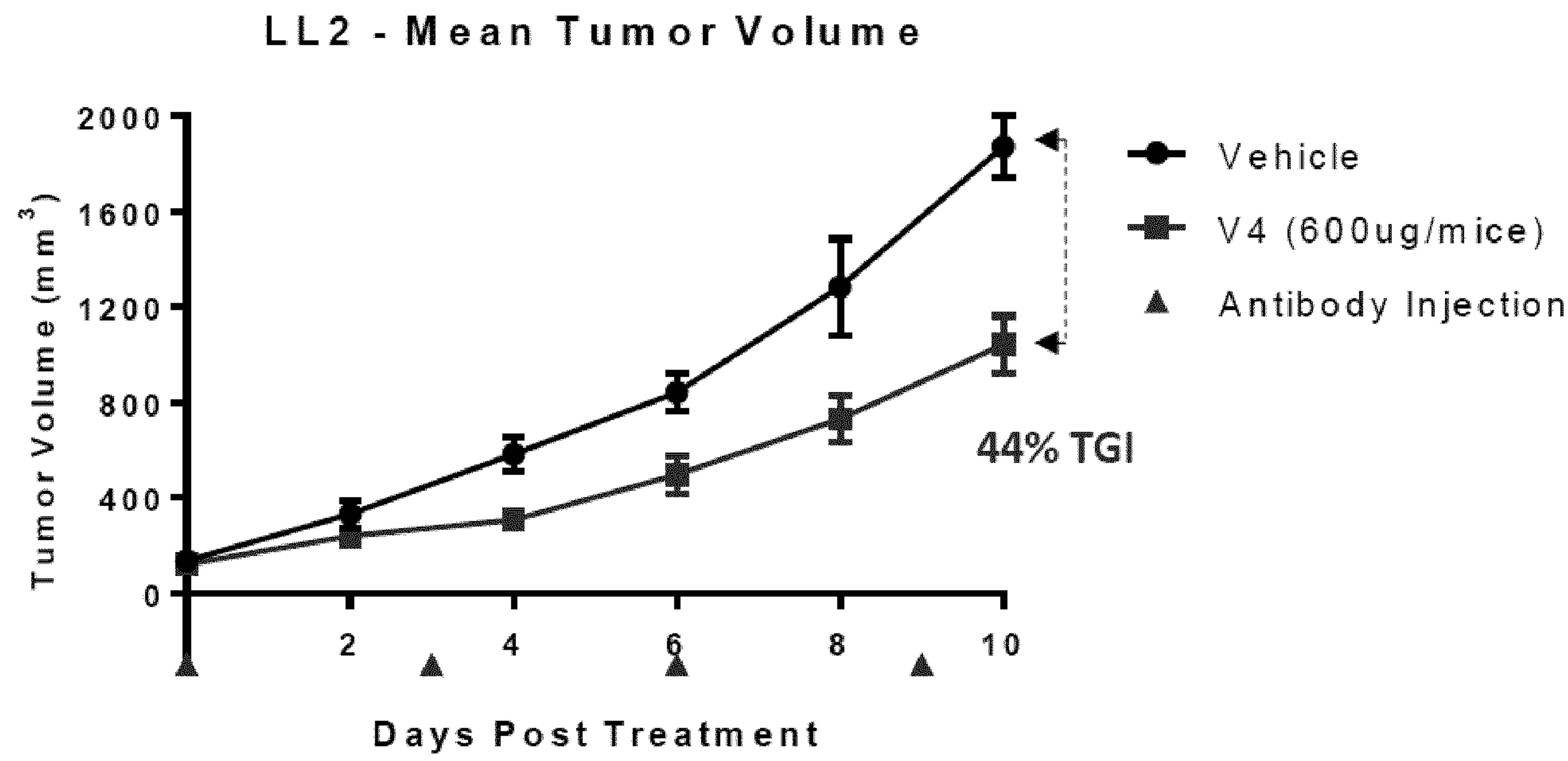


Figure 16

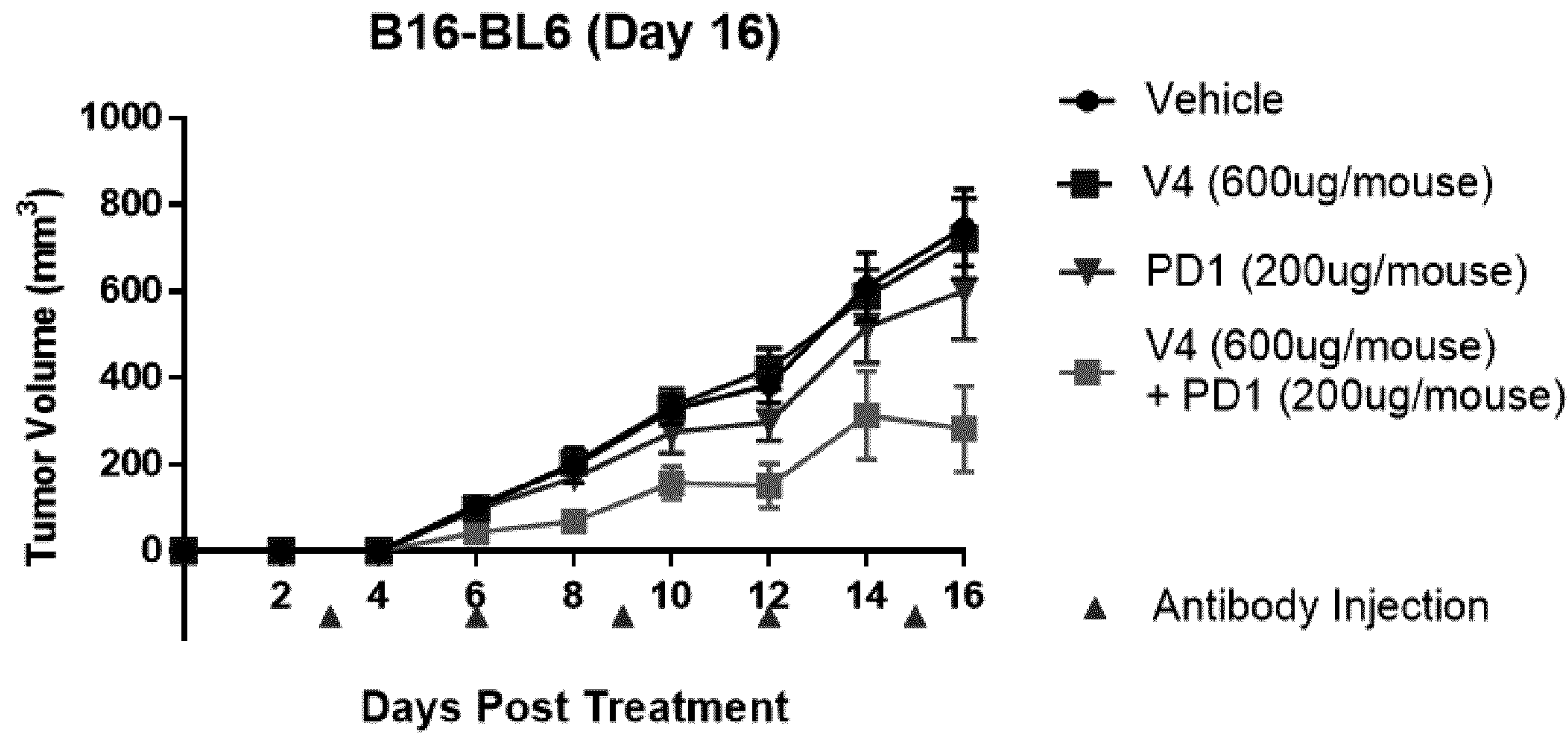


Figure 17

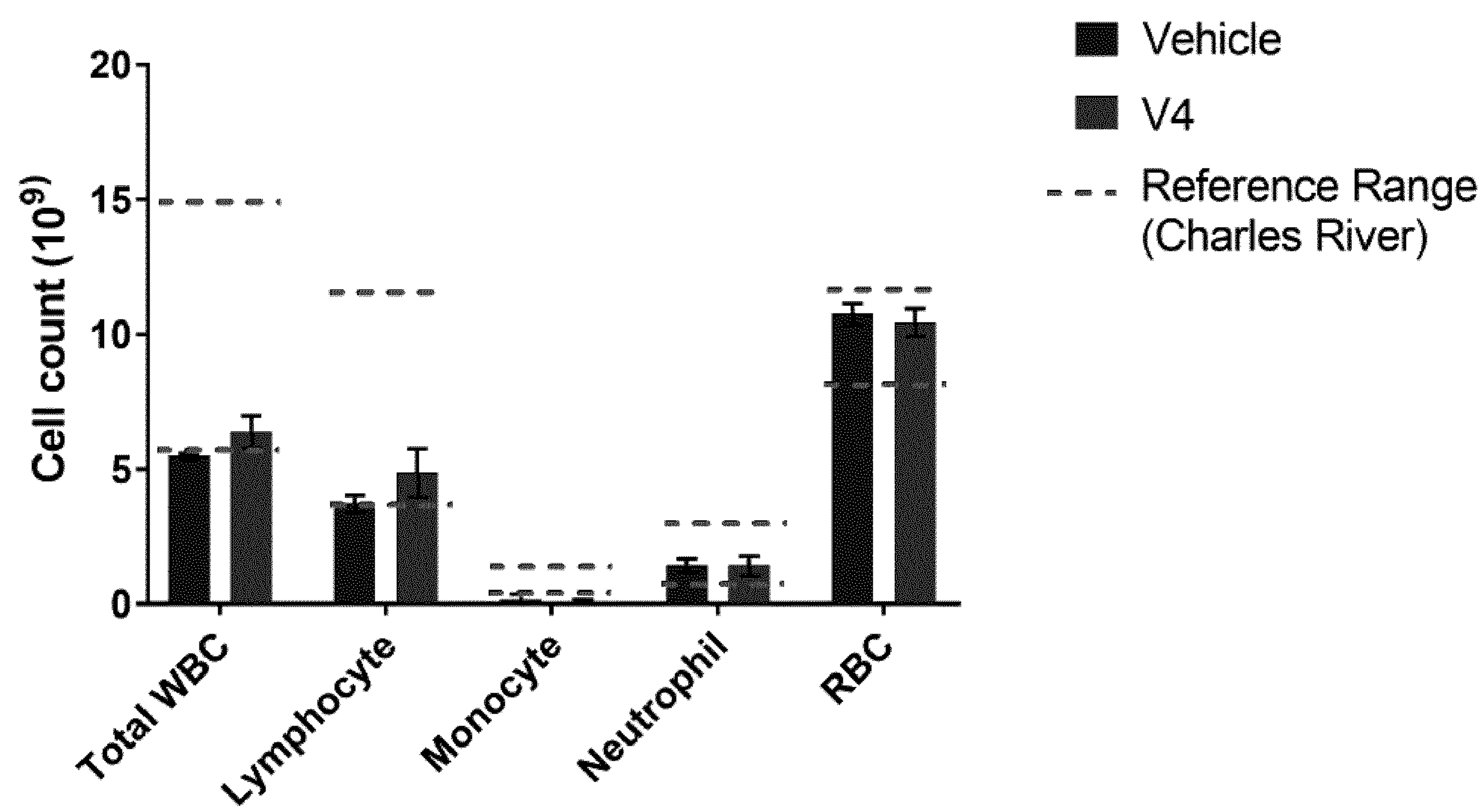


Figure 18

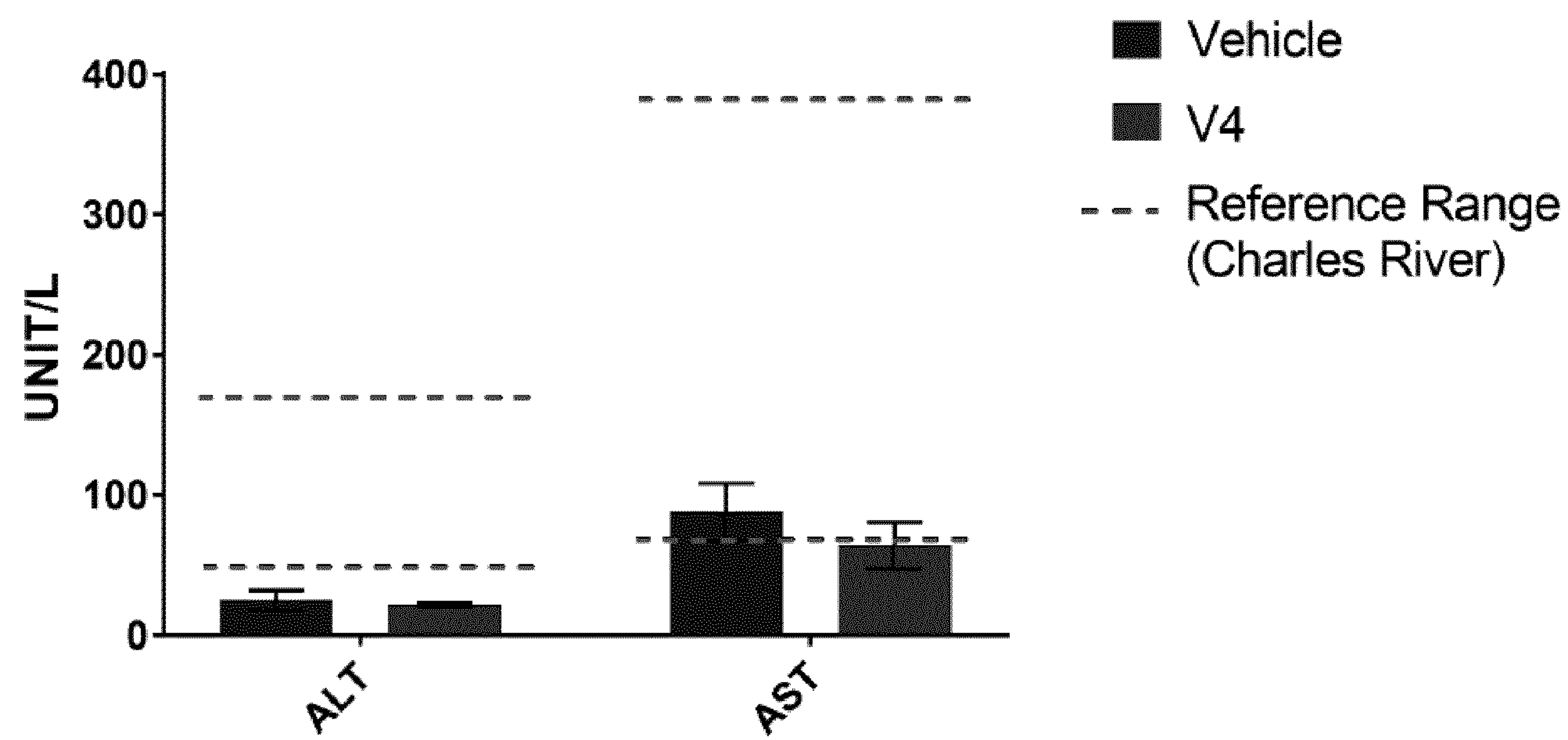


Figure 19A

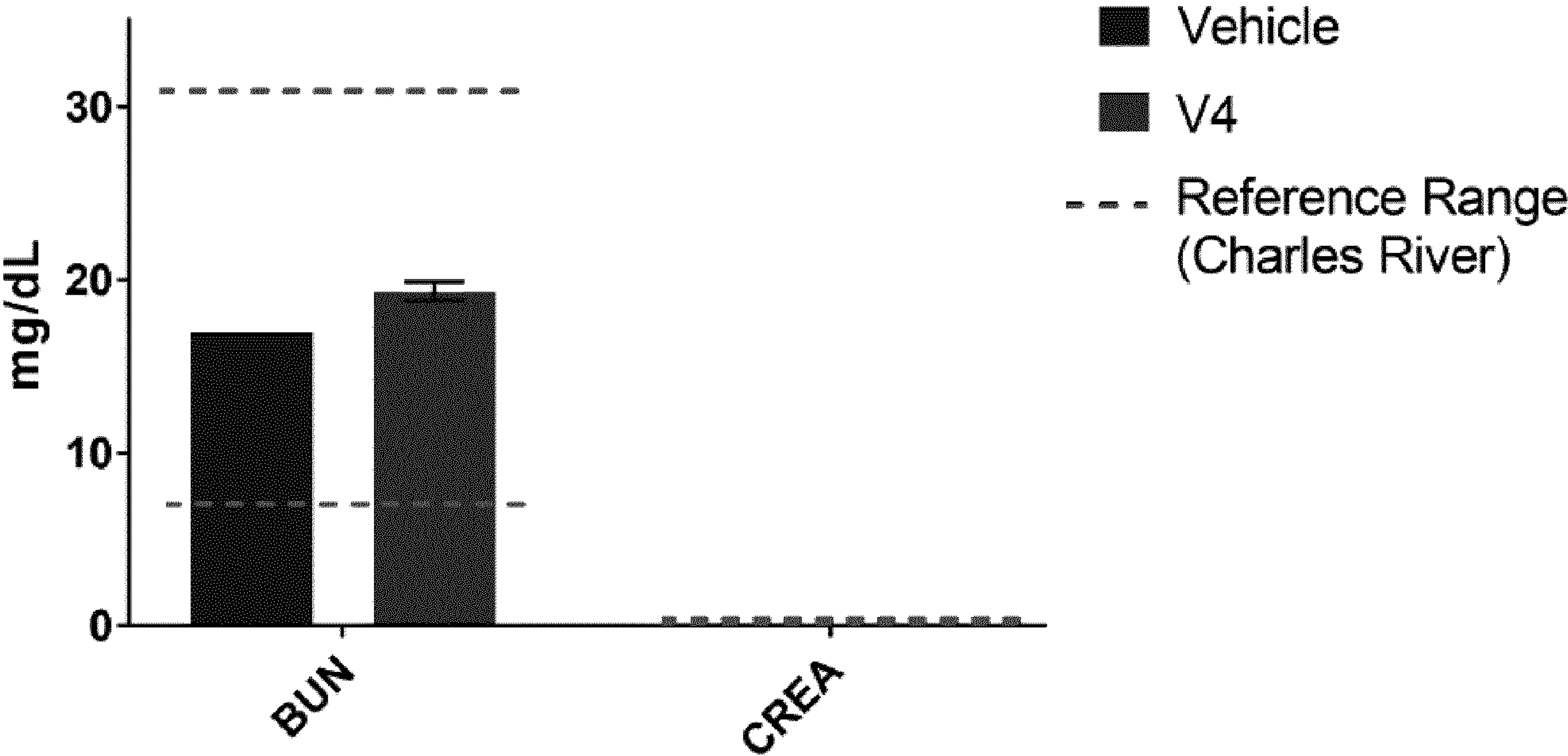


Figure 19B

13D5 clone 1 Cross Species and Family

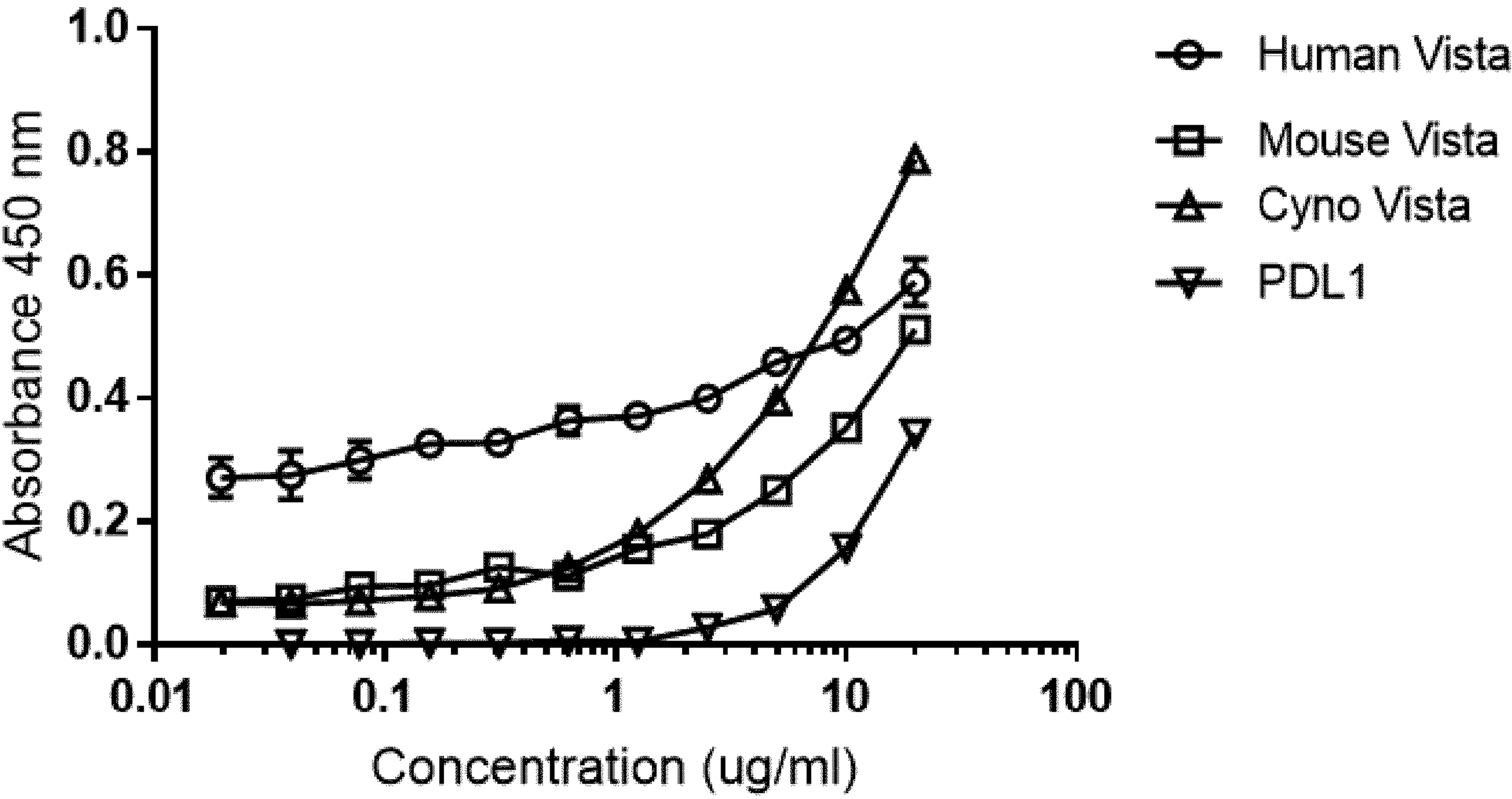


Figure 20

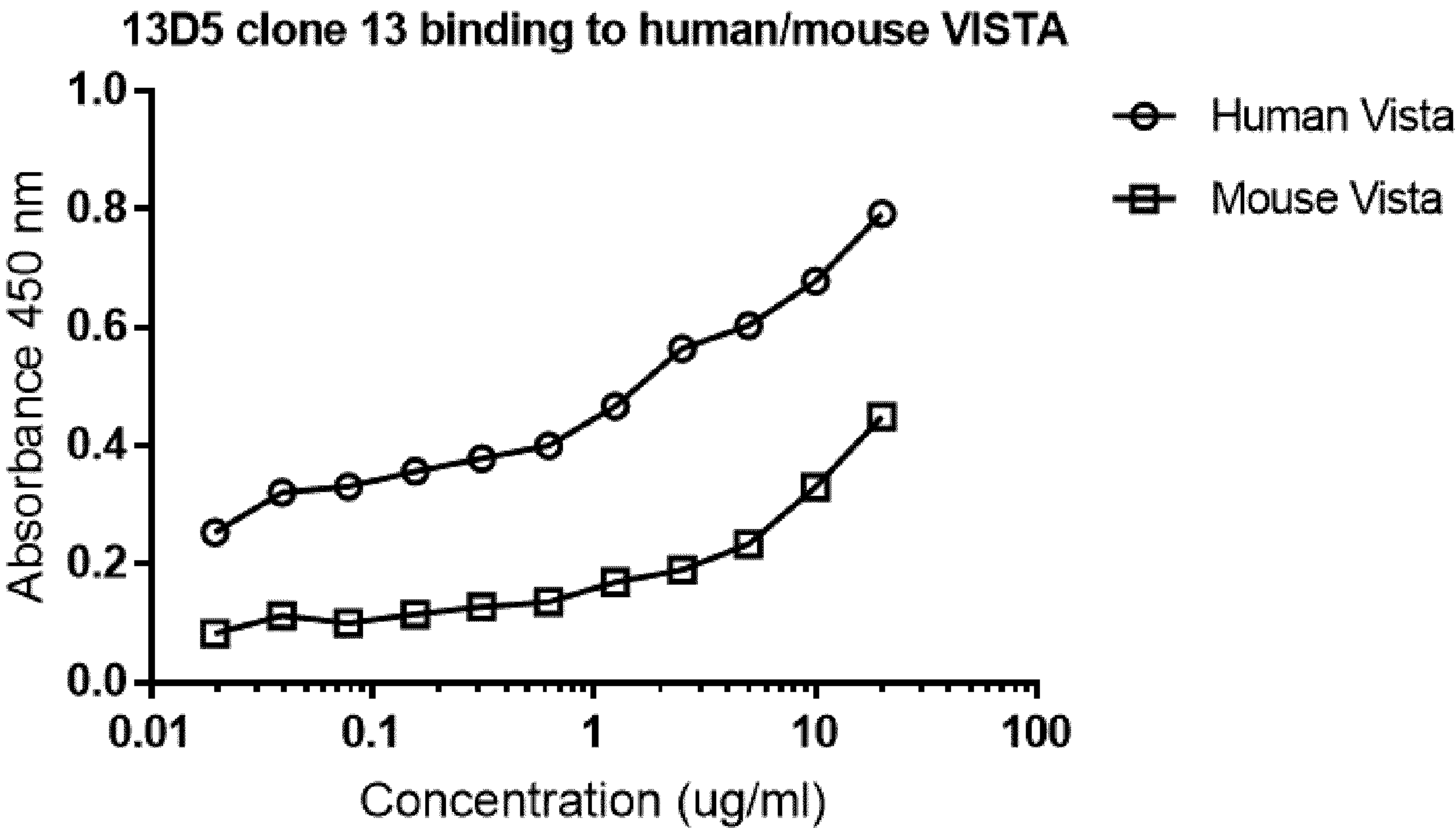


Figure 21

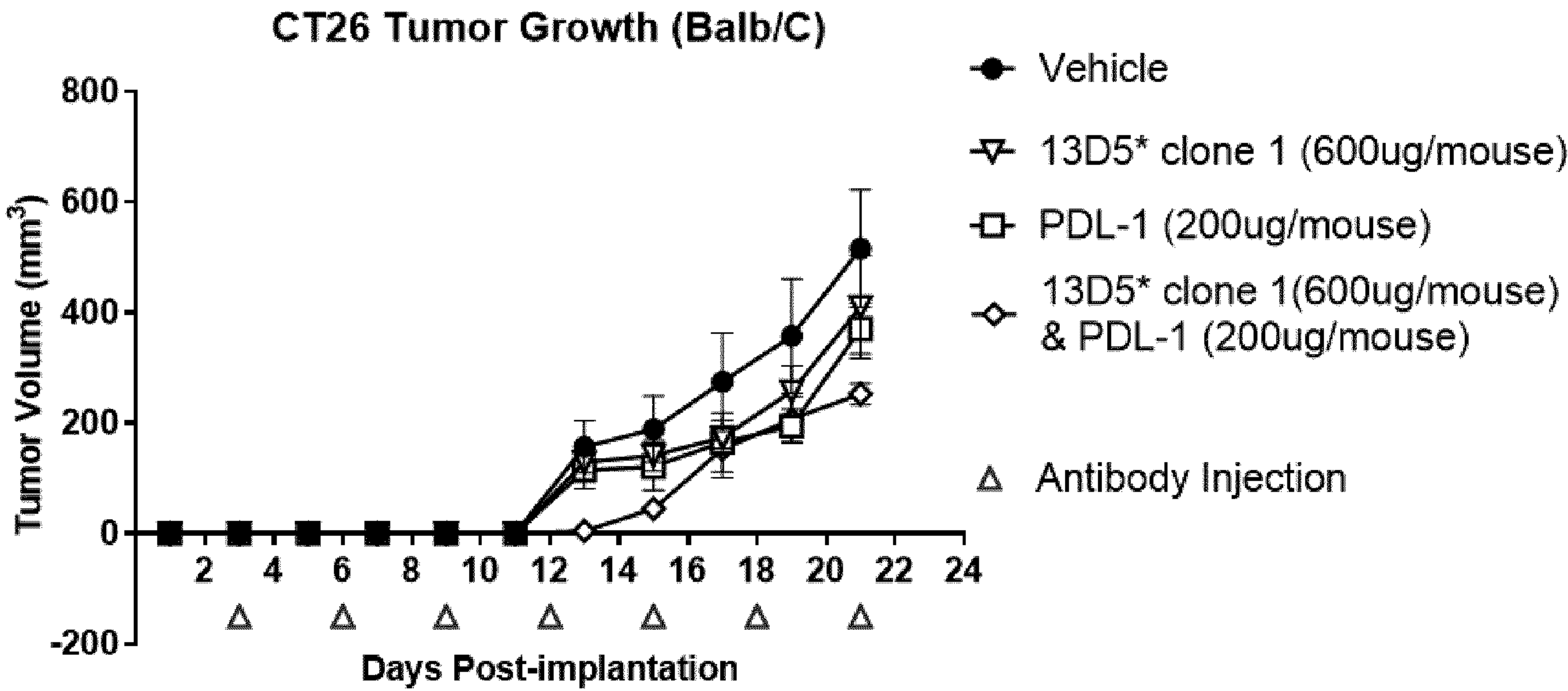


Figure 22

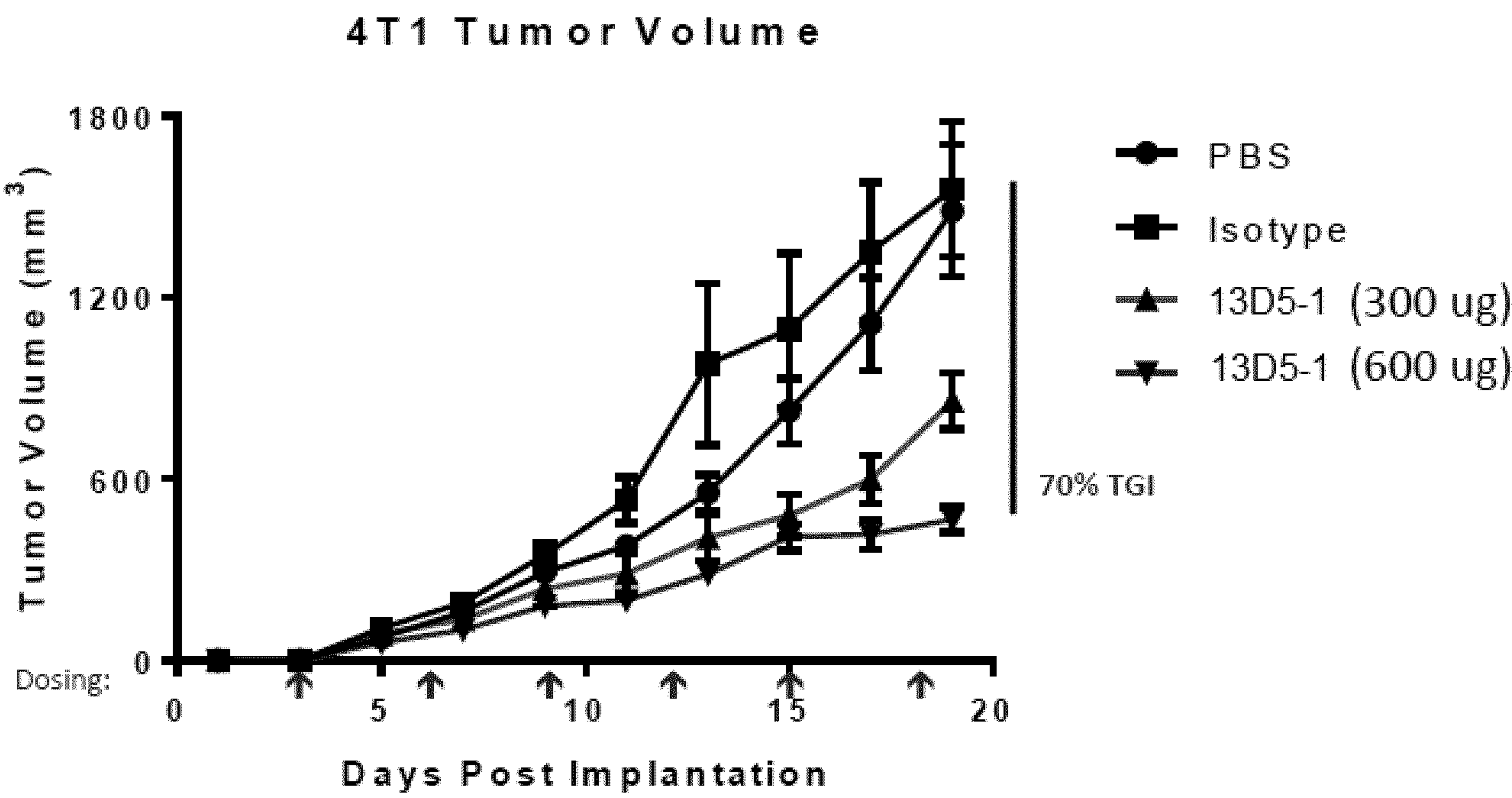


Figure 23

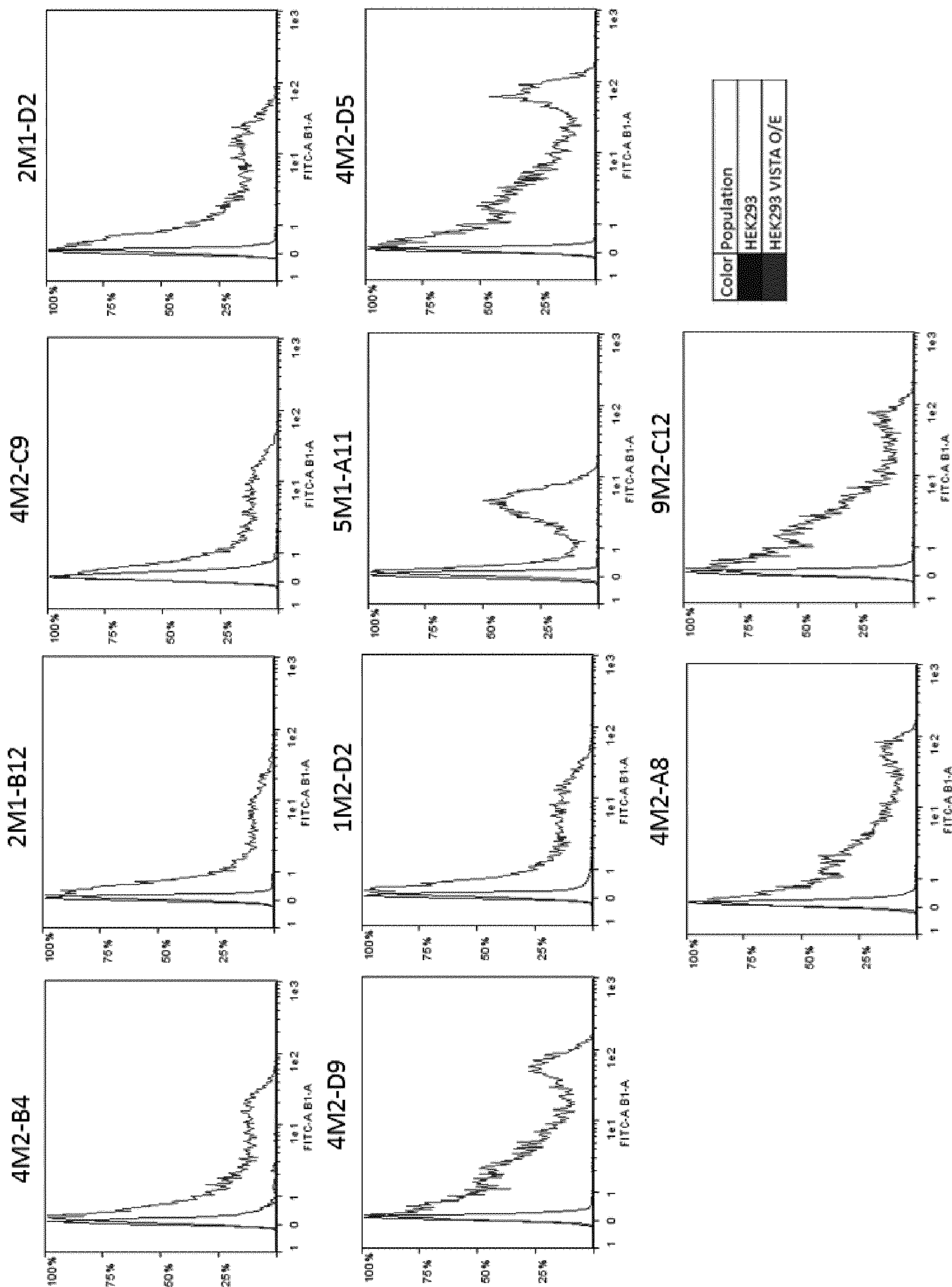


Figure 24

mFcγRIV

$k_{on} = ND \quad K_D = ND \quad k_{dis} = ND$

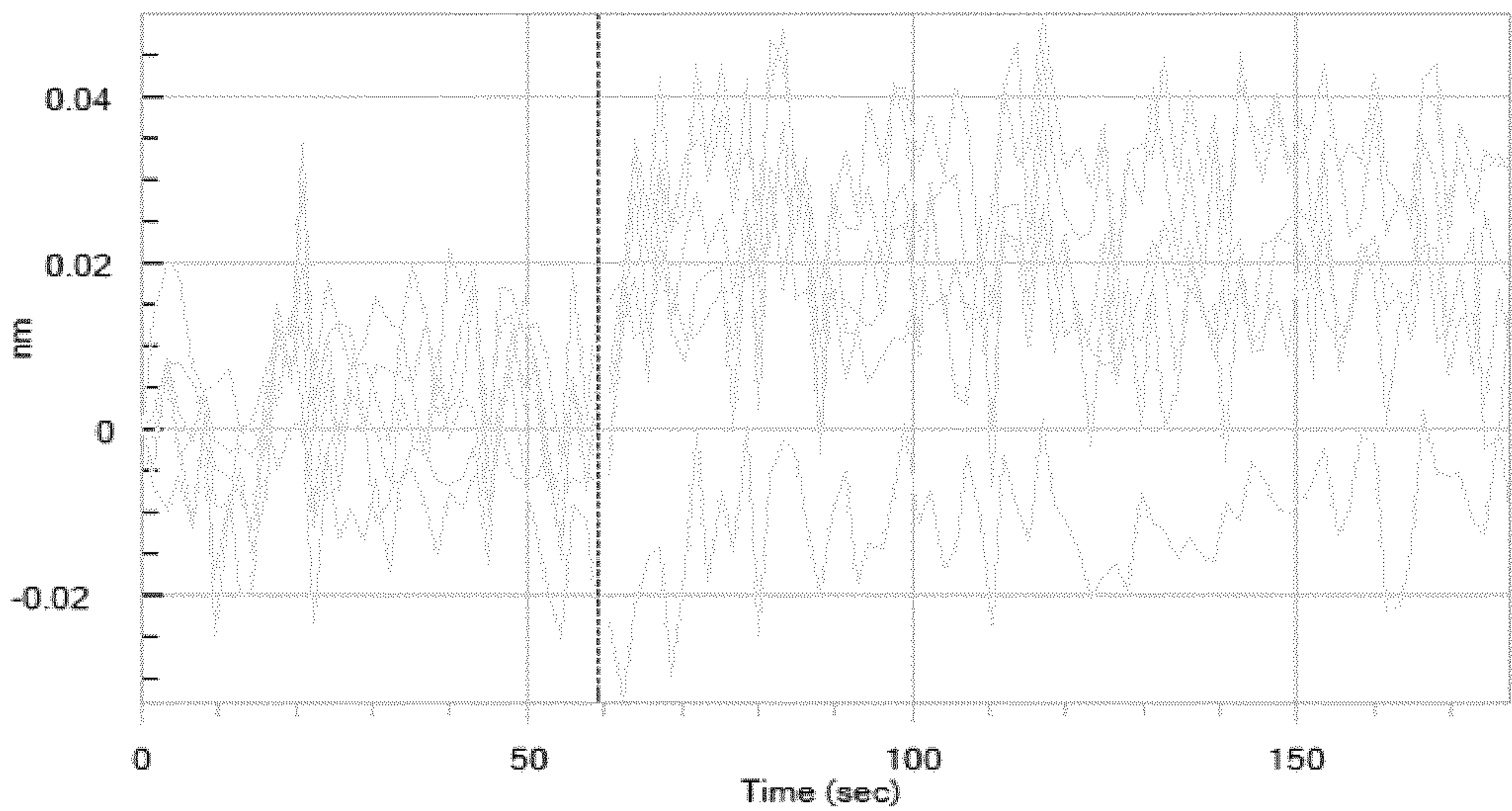


Figure 25A

mFcγRIII

$k_{on} = 2.7e^5 M^{-1} s^{-1} \quad K_D = 455 nM \quad k_{dis} = 12.5e^{-2} s^{-1}$

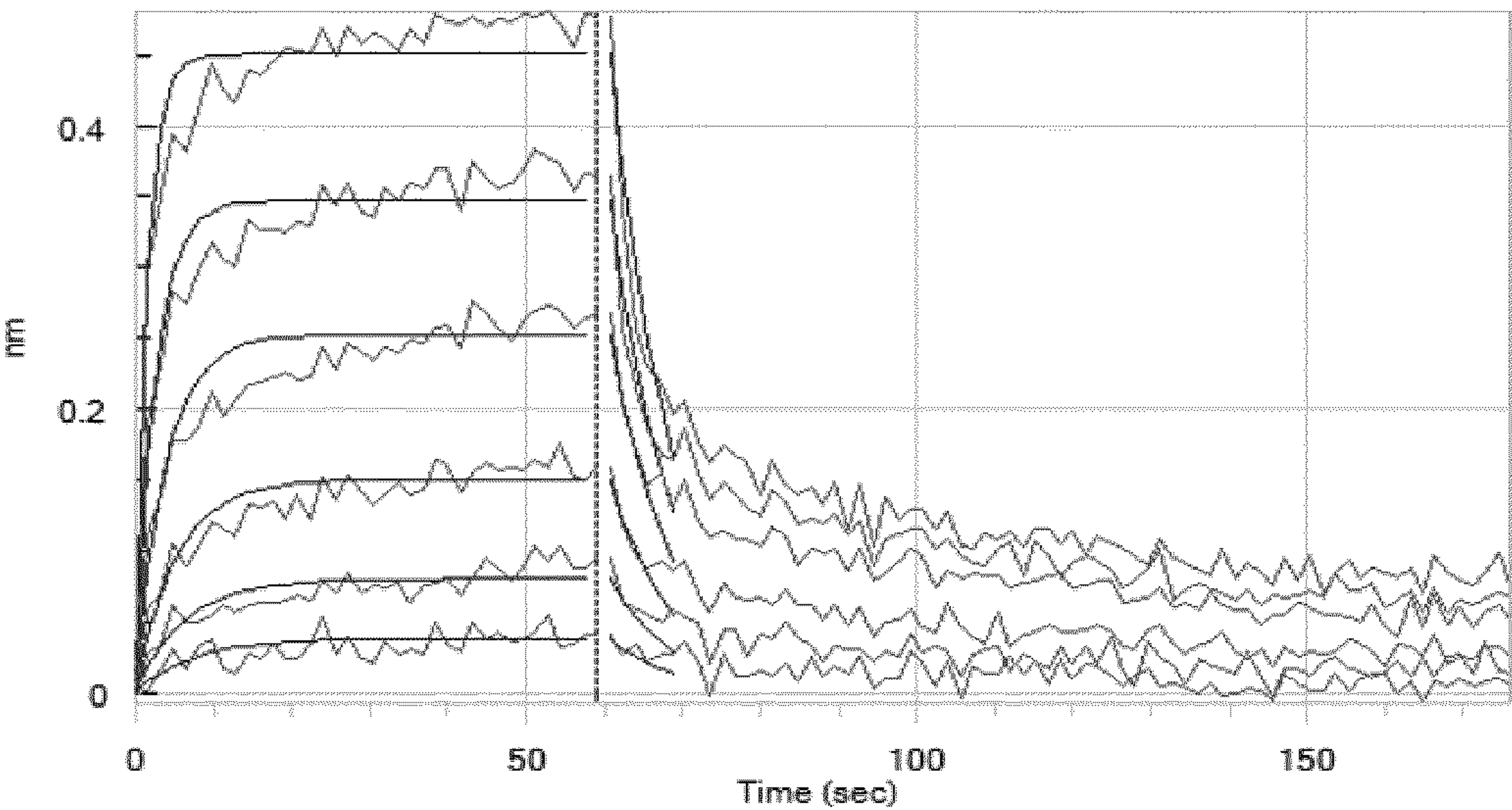


Figure 25B

mFcγRIIb

$k_{on} = 0.90e^5 M^{-1} s^{-1}$ $K_D = 1300 \text{ nM}$ $k_{dis} = 11.7e^{-2} s^{-1}$

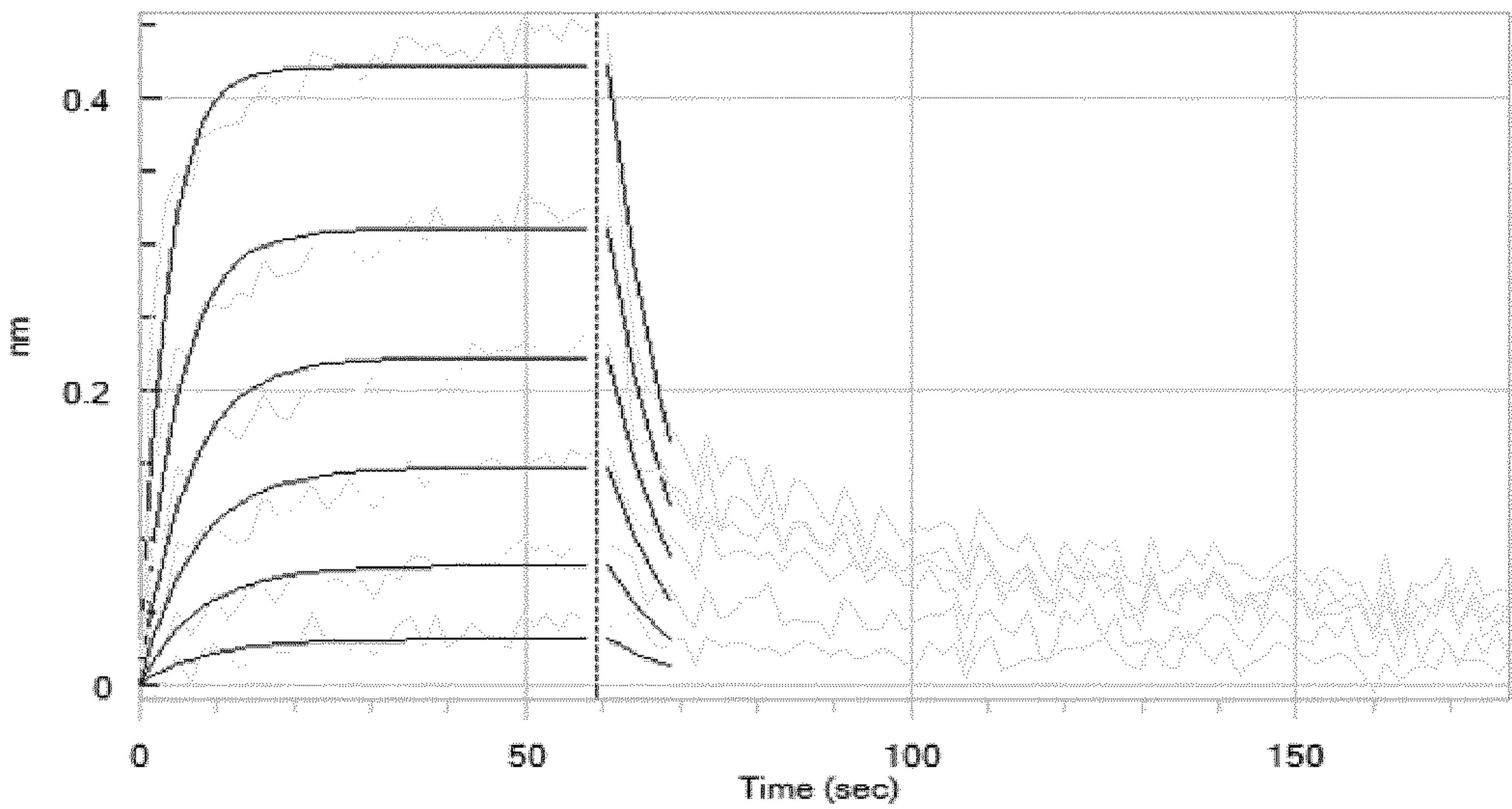


Figure 25C

mFcRn

$k_{on} = 1.7e^5 M^{-1} s^{-1}$ $K_D = 93.9 \text{ nM}$ $k_{dis} = 1.6e^{-2} s^{-1}$

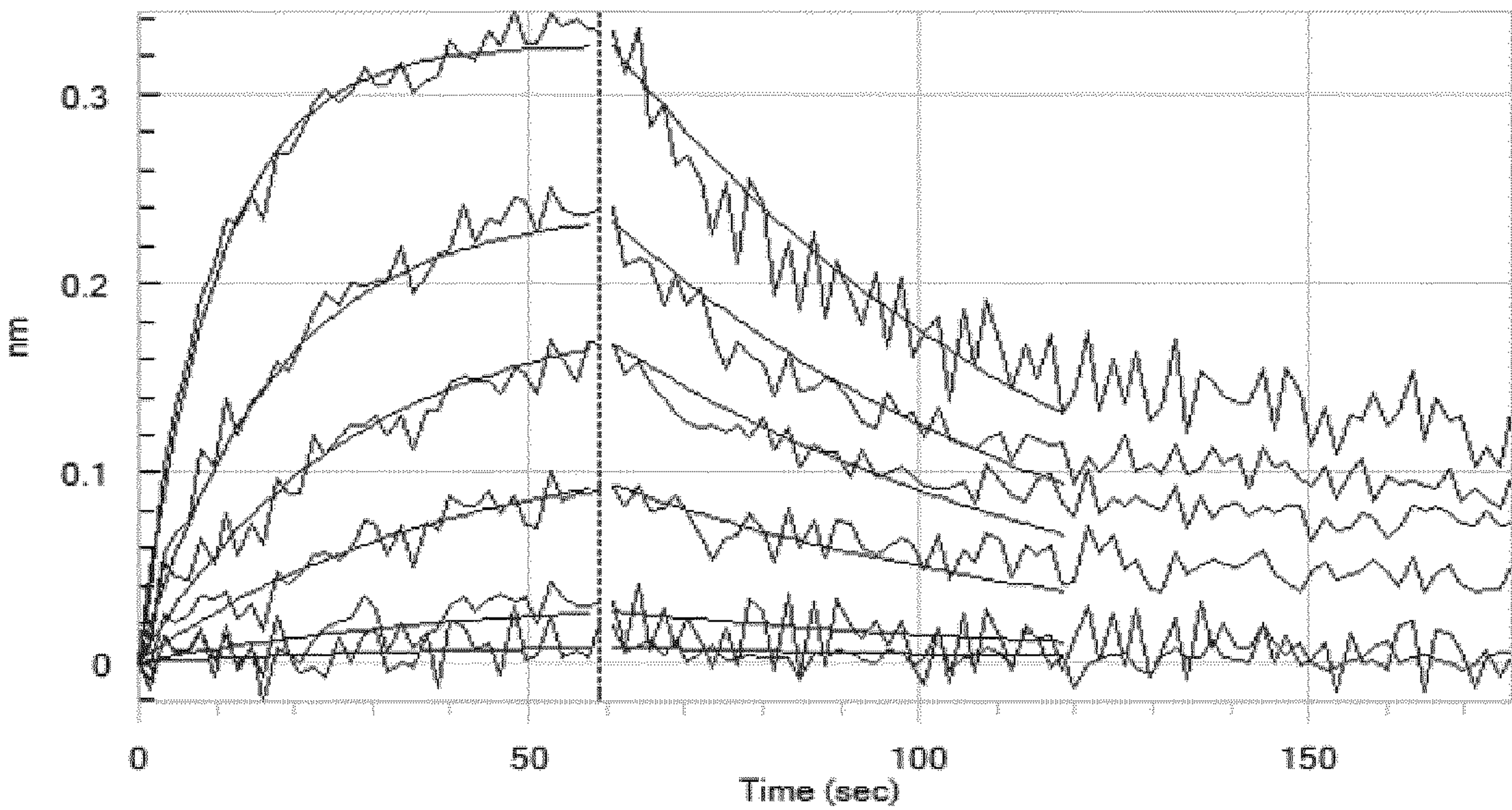


Figure 25D

mFcγRIV

$k_{on} = 0.92e^5 M^{-1} s^{-1}$ $K_D = 372 \text{ nM}$ $k_{dis} = 3.4e^{-2} s^{-1}$

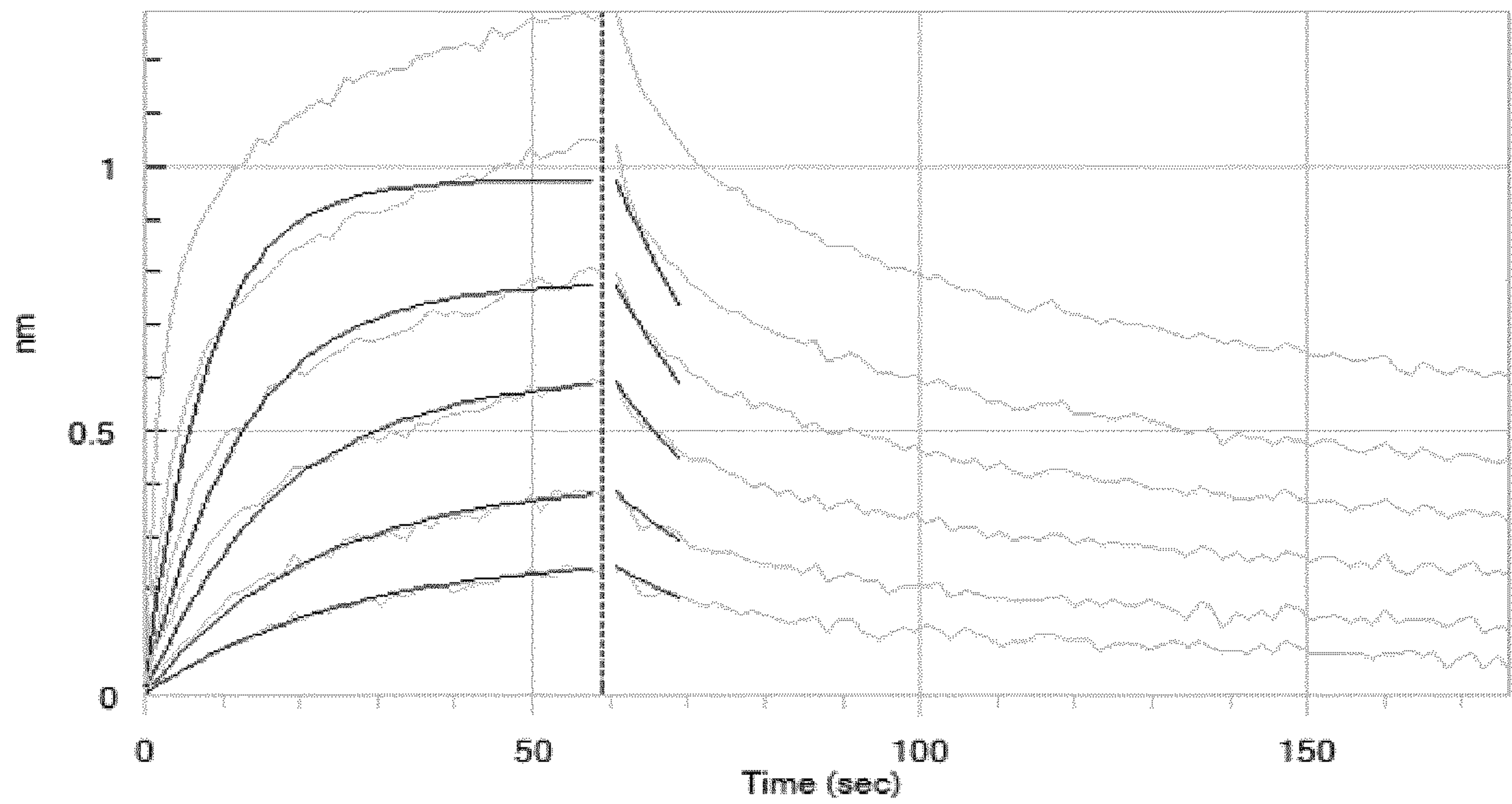


Figure 26A

mFcγRIII

$k_{on} = 0.67e^5 M^{-1} s^{-1}$ $K_D = 977 \text{ nM}$ $k_{dis} = 6.6e^{-2} s^{-1}$

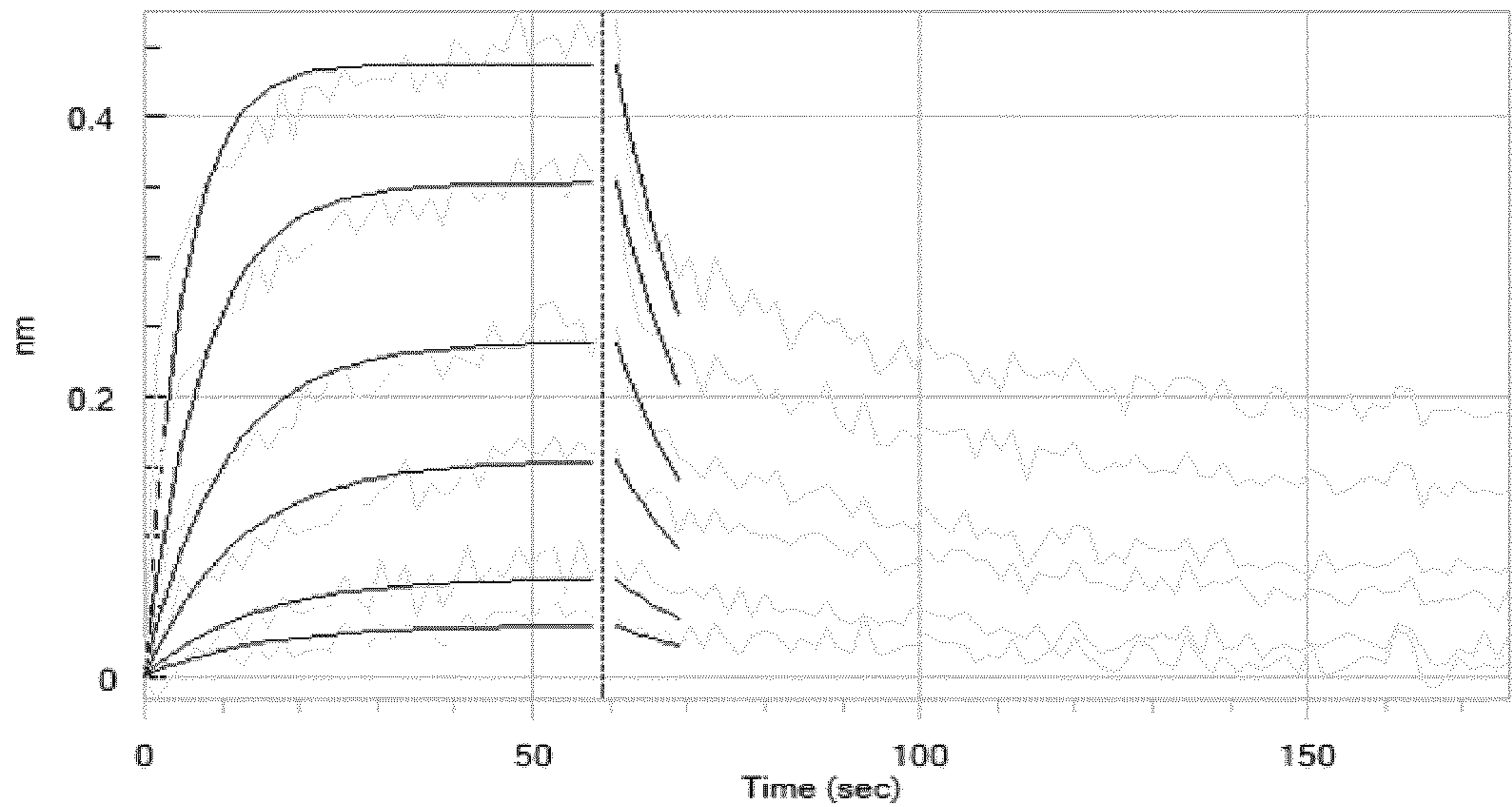


Figure 26B

mFcγRIIb

$k_{on} = 0.55e^5 M^{-1} s^{-1}$ $K_D = 2190 \text{ nM}$ $k_{dis} = 12.0e^{-2} s^{-1}$

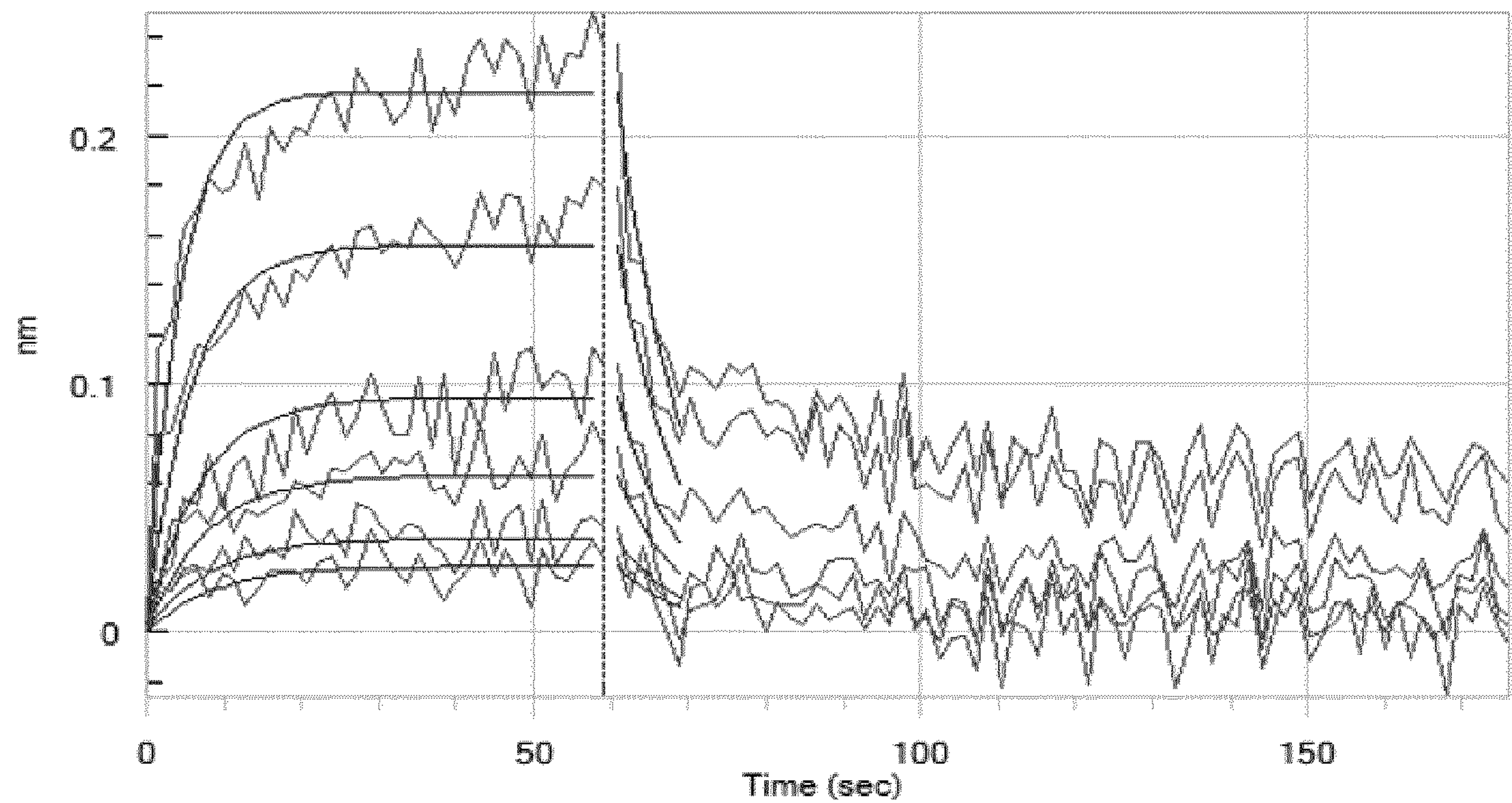


Figure 26C

mFcRn

$k_{on} = 2.2e^5 M^{-1} s^{-1}$ $K_D = 49.6 \text{ nM}$ $k_{dis} = 1.1e^{-2} s^{-1}$

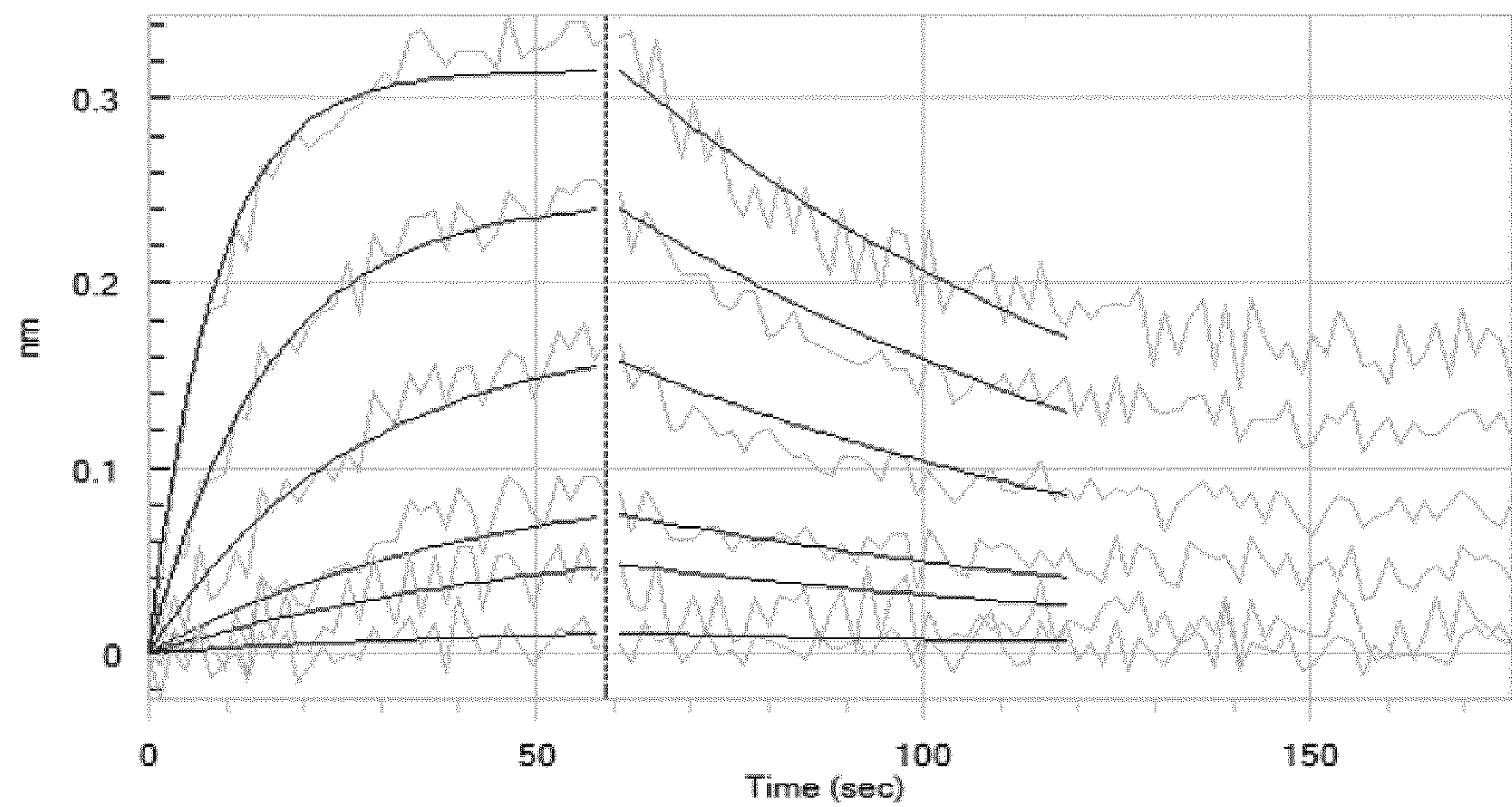


Figure 26D

mFcγRIV

$k_{on} = ND \quad K_D = ND \quad k_{dis} = ND$

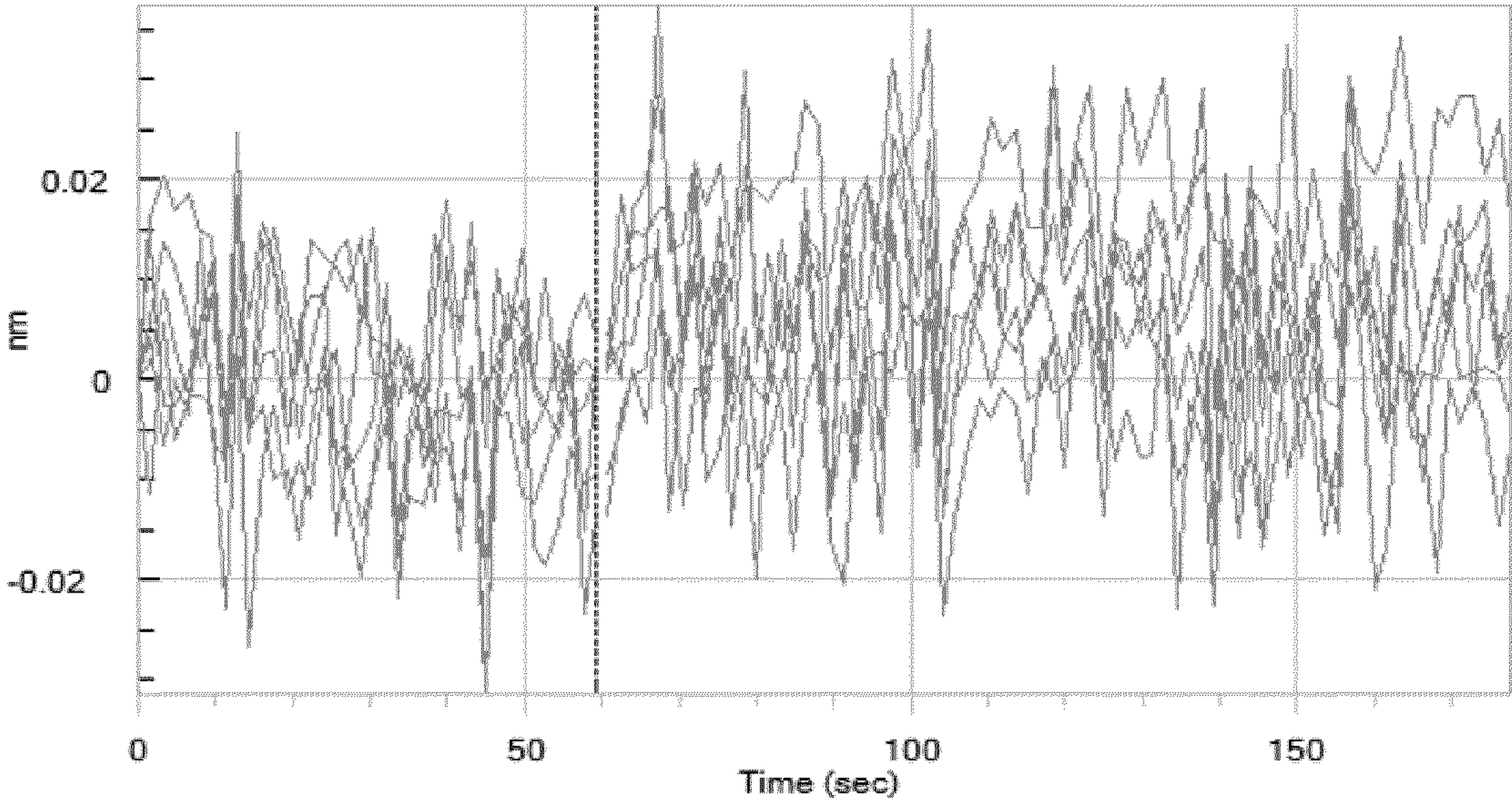


Figure 27A

mFcγRIII

$k_{on} = ND \quad K_D = ND \quad k_{dis} = ND$

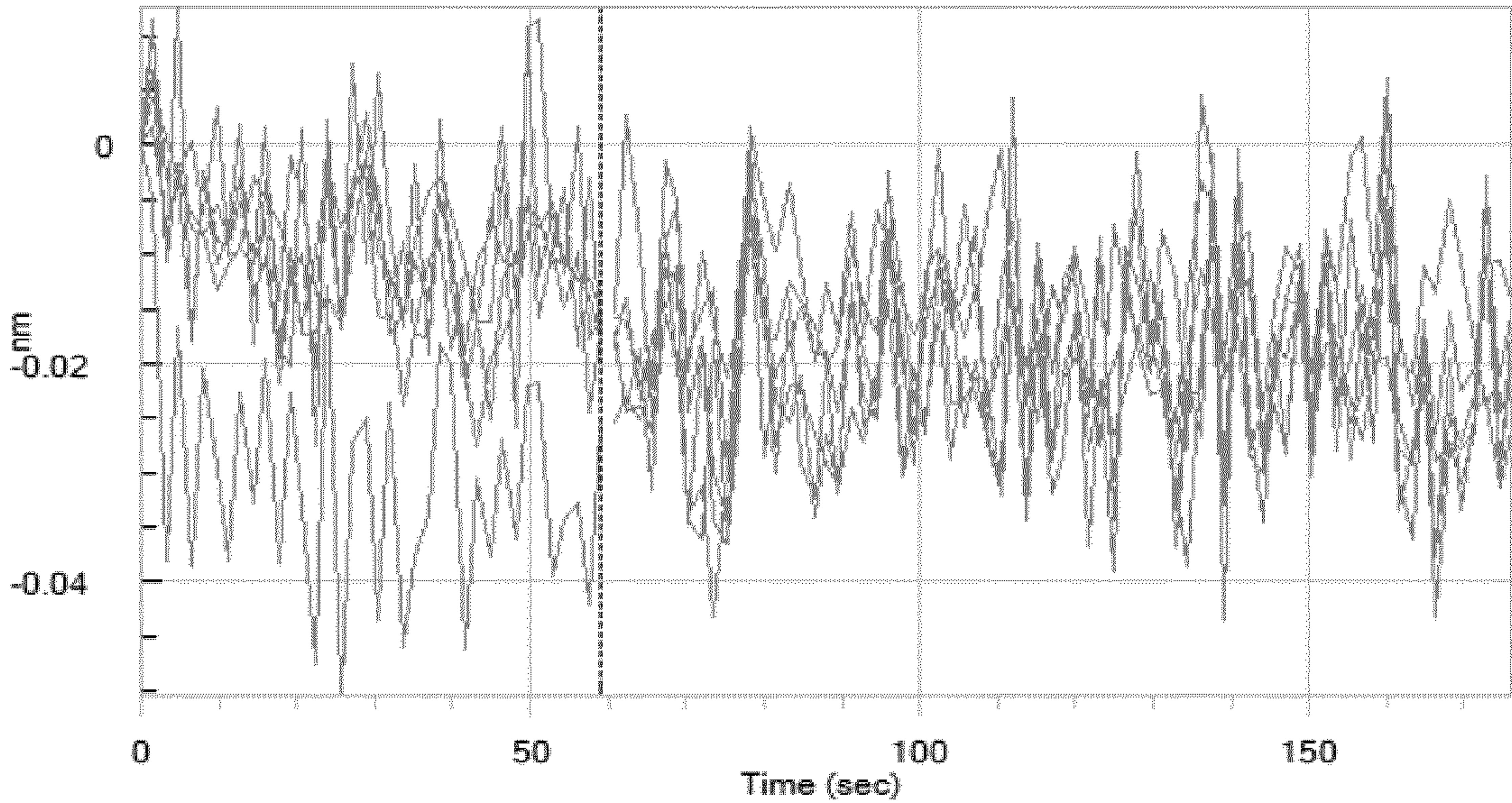


Figure 27B

mFcγRIIb

$k_{on} = ND \quad K_D = ND \quad k_{dis} = ND$

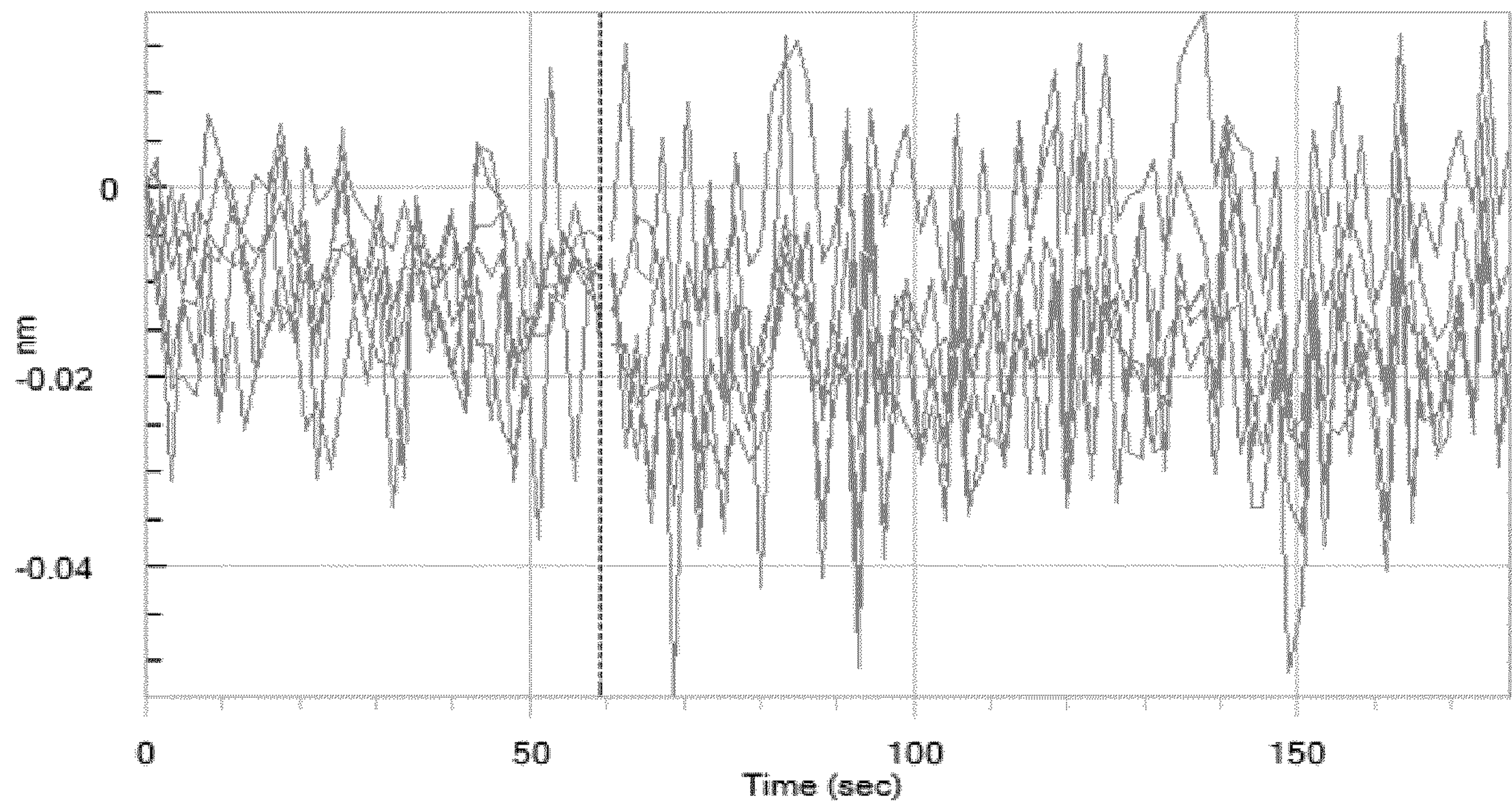


Figure 27C

mFcRn

$k_{on} = 2.7e^5 M^{-1} s^{-1} \quad K_D = 35.8 \text{ nM} \quad k_{dis} = 0.97e^{-2} s^{-1}$

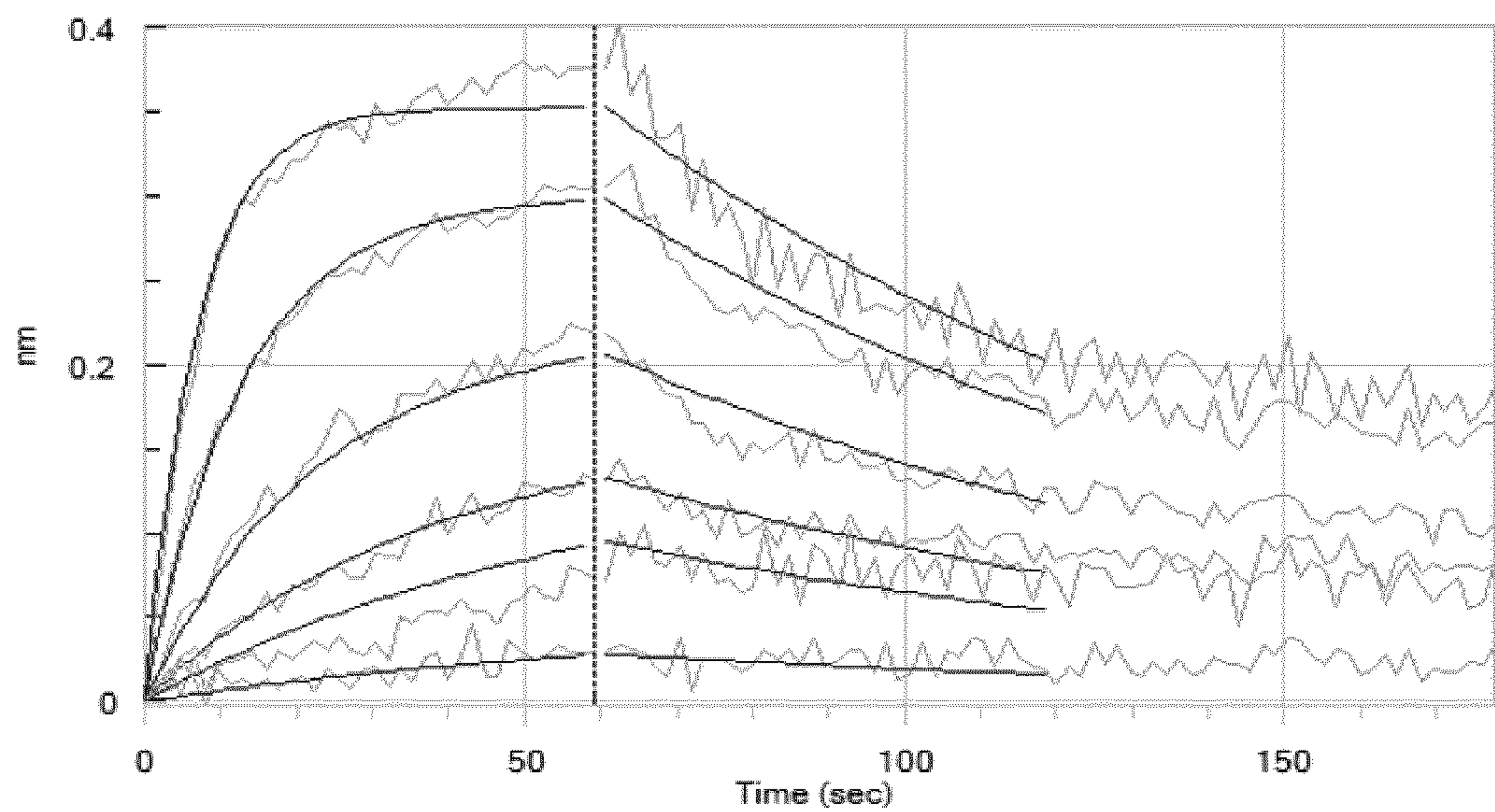


Figure 27D

mFcγRIV

$k_{on} = ND$ $K_D = ND$ $k_{dis} = 34.8e^{-2} s^{-1}$

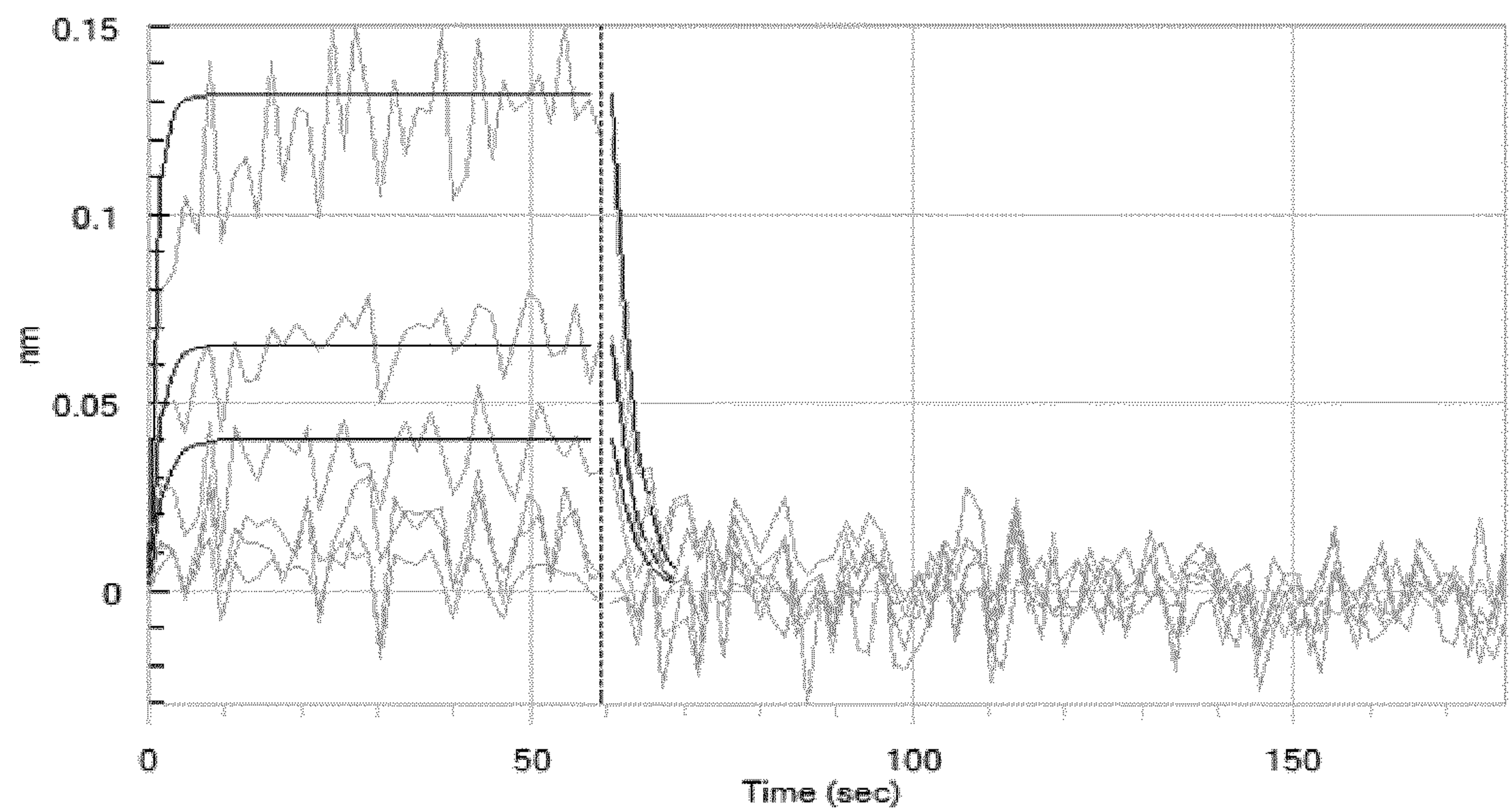


Figure 28A

mFcγRIII

$k_{on} = ND$ $K_D = ND$ $k_{dis} = ND$

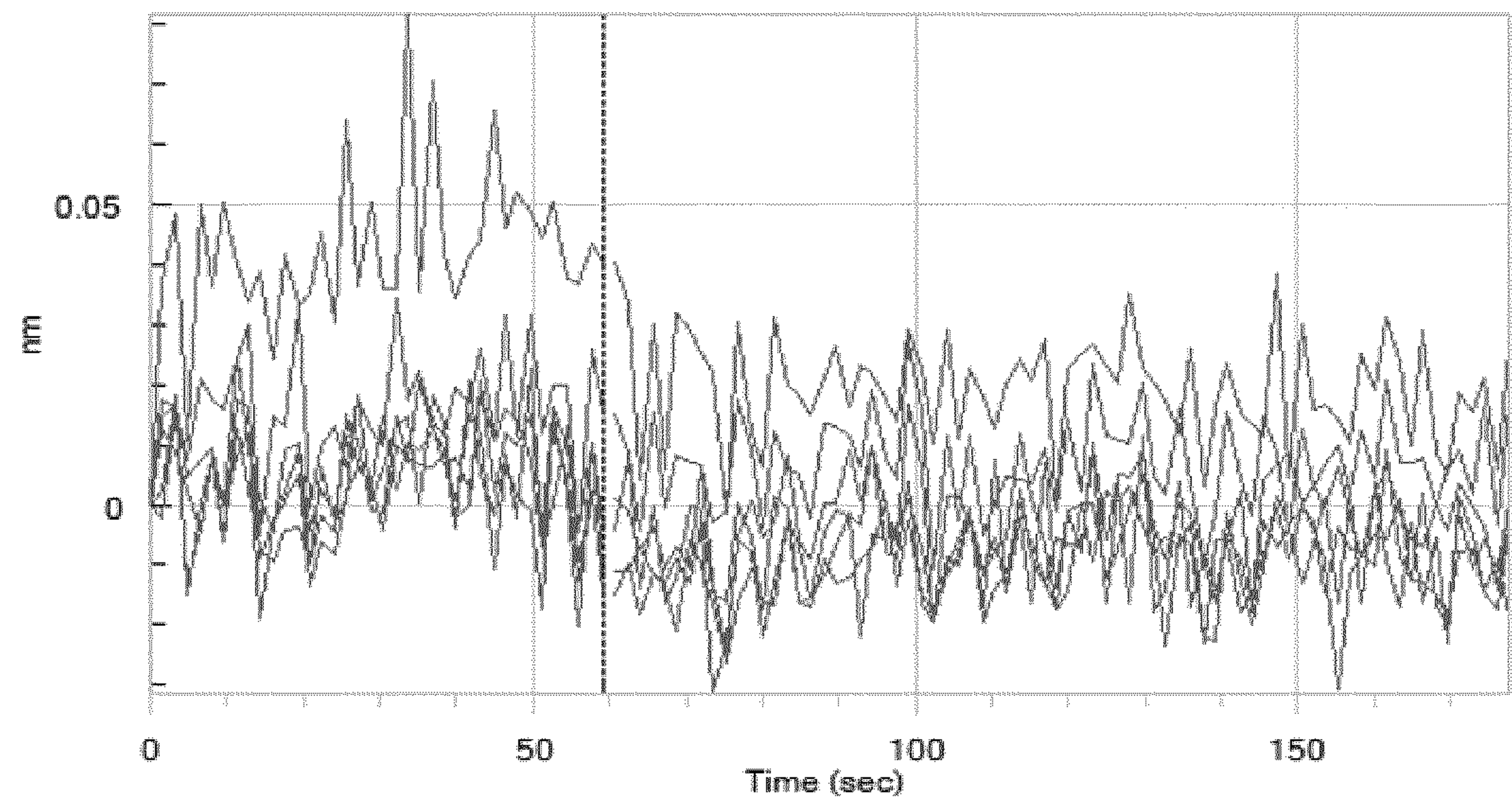


Figure 28B

mFcγRIIb

$k_{on} = ND$ $K_D = ND$ $k_{dis} = ND$

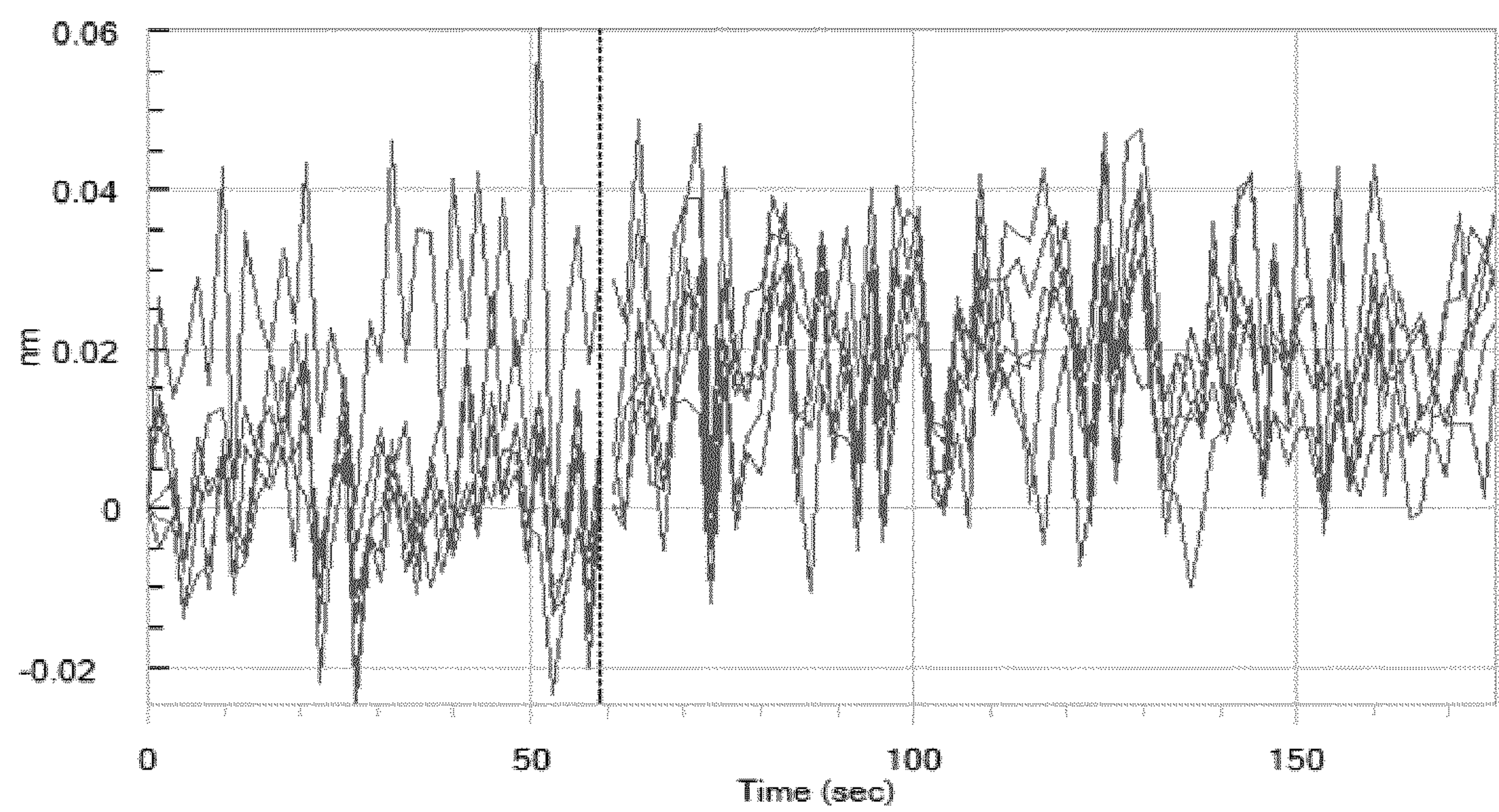


Figure 28C

mFcRn

$k_{on} = 1.8e^5 M^{-1} s^{-1}$ $K_D = 42.5 nM$ $k_{dis} = 0.75e^{-2} s^{-1}$

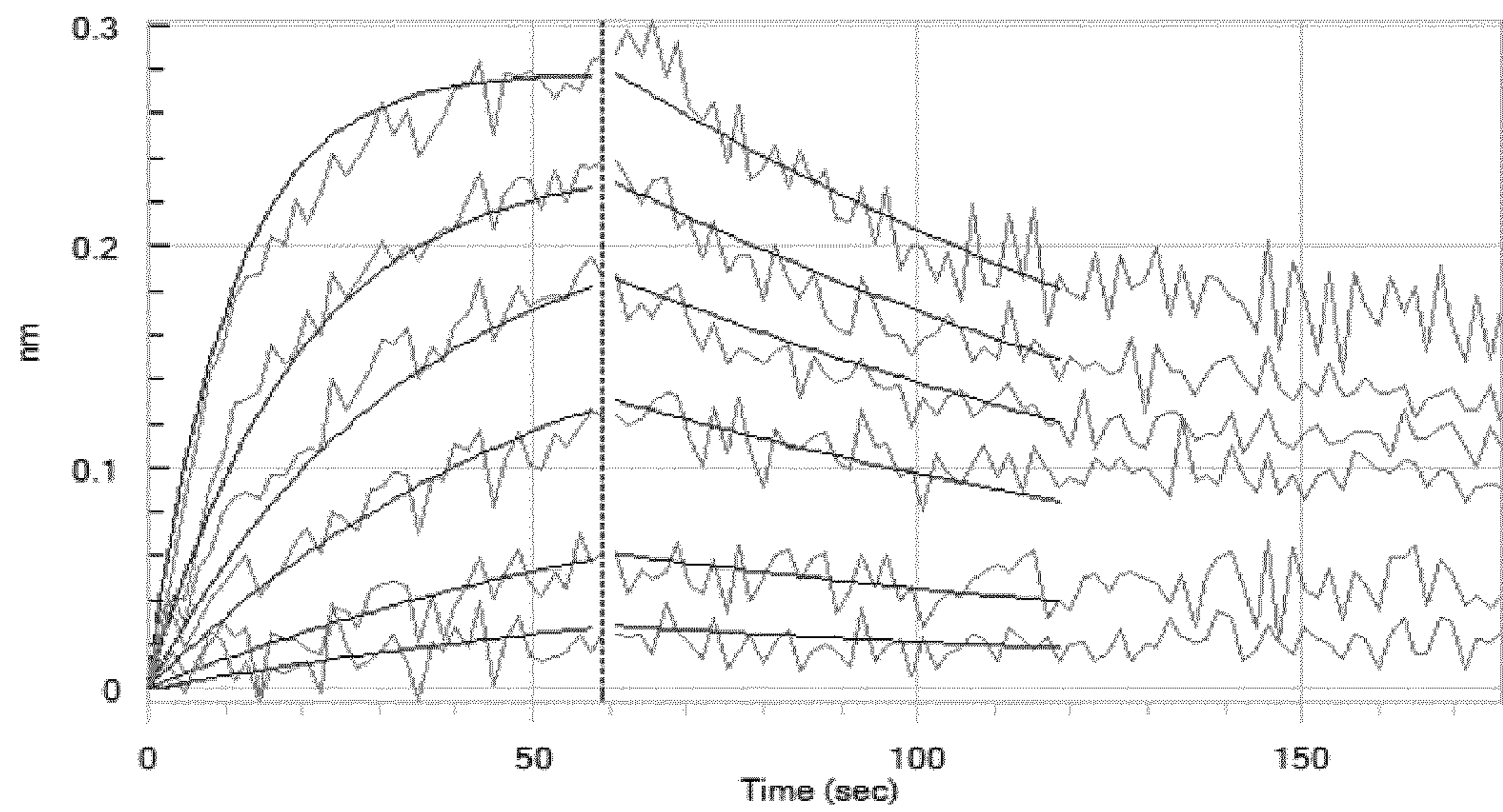


Figure 28D

Calculated k_{on} ($M^{-1} s^{-1}$)

Receptor	4M2-C12 mIgG2a k_{on} ($M^{-1}s^{-1}$)		4M2-C12 mIgG1 k_{on} ($M^{-1}s^{-1}$)	4M2-C12 mIgG2a LALA_PG k_{on} ($M^{-1}s^{-1}$)	4M2-C12 mIgG2a NQ k_{on} ($M^{-1}s^{-1}$)
	1	2			
mFcRn	1.9e ⁵	2.2e ⁵	1.7e ⁵	2.7e ⁵	1.8e ⁵
mFcγRIV	0.96e ⁵	0.92e ⁵	ND	ND	ND
mFcγRIII	0.55e ⁵	0.67e ⁵	2.7e ⁵	ND	ND
mFcγRIIb	0.51e ⁵	0.55e ⁵	0.90e ⁵	ND	ND

ND = Not Determined due to low binding affinity

Figure 29A

Calculated k_{dis} (s^{-1})

Receptor	4M2-C12 mIgG2a k_{dis} (s^{-1})		4M2-C12 mIgG1 k_{dis} (s^{-1})	4M2-C12 mIgG2a LALA_PG k_{dis} (s^{-1})	4M2-C12 mIgG2a NQ k_{dis} (s^{-1})
	1	2			
mFcRn	0.59e ⁻²	1.1e ⁻²	1.6e ⁻²	0.97e ⁻²	0.75e ⁻²
mFcγRIV	2.5e ⁻²	3.4e ⁻²	ND	ND	34.8e ⁻²
mFcγRIII	4.4e ⁻²	6.6e ⁻²	12.5e ⁻²	ND	ND
mFcγRIIb	4.5e ⁻²	12.0e ⁻²	11.7e ⁻²	ND	ND

ND = Not Determined due to low binding affinity

Figure 29B

Calculated K_D (nM)

Receptor	Gene	Function	Binding affinity	Reported K _D (nM)	4M2-C12 mlgG2a K _D (nM)		4M2-C12 mlgG1 K _D (nM)	4M2-C12 mlgG2a LALA_PG K _D (nM)	4M2-C12 mlgG2a NQ K _D (nM)
					1	2			
mFcRn	FCGRT	Recycling (Increased affinity → Increased half life)	Medium	mlgG1: 1157	31.5	49.5	93.9	35.8	42.5
				mlgG2a: 490					
				mlgG2b: 545					
				mlgG3: 140					
mFcgRIV	CD16-2	Cell activation	High	mlgG1: ND	258	372	ND	ND	ND
				mlgG2a: 34.5					
				mlgG2b: 59					
				mlgG3: ND					
mFcgRIII	CD16	Cell activation	Low	mlgG1: 3200	794	977	455	ND	ND
				mlgG2a: 1460					
				mlgG2b: 1555					
				mlgG3: ND					
mFcgRIIb	CD32	Cell inhibition	Low	mlgG1: 301	876	2190	1300	ND	ND
				mlgG2a: 2390					
				mlgG2b: 448					
				mlgG3: ND					

ND = K_D Not Determined due to low binding affinity

Figure 29C

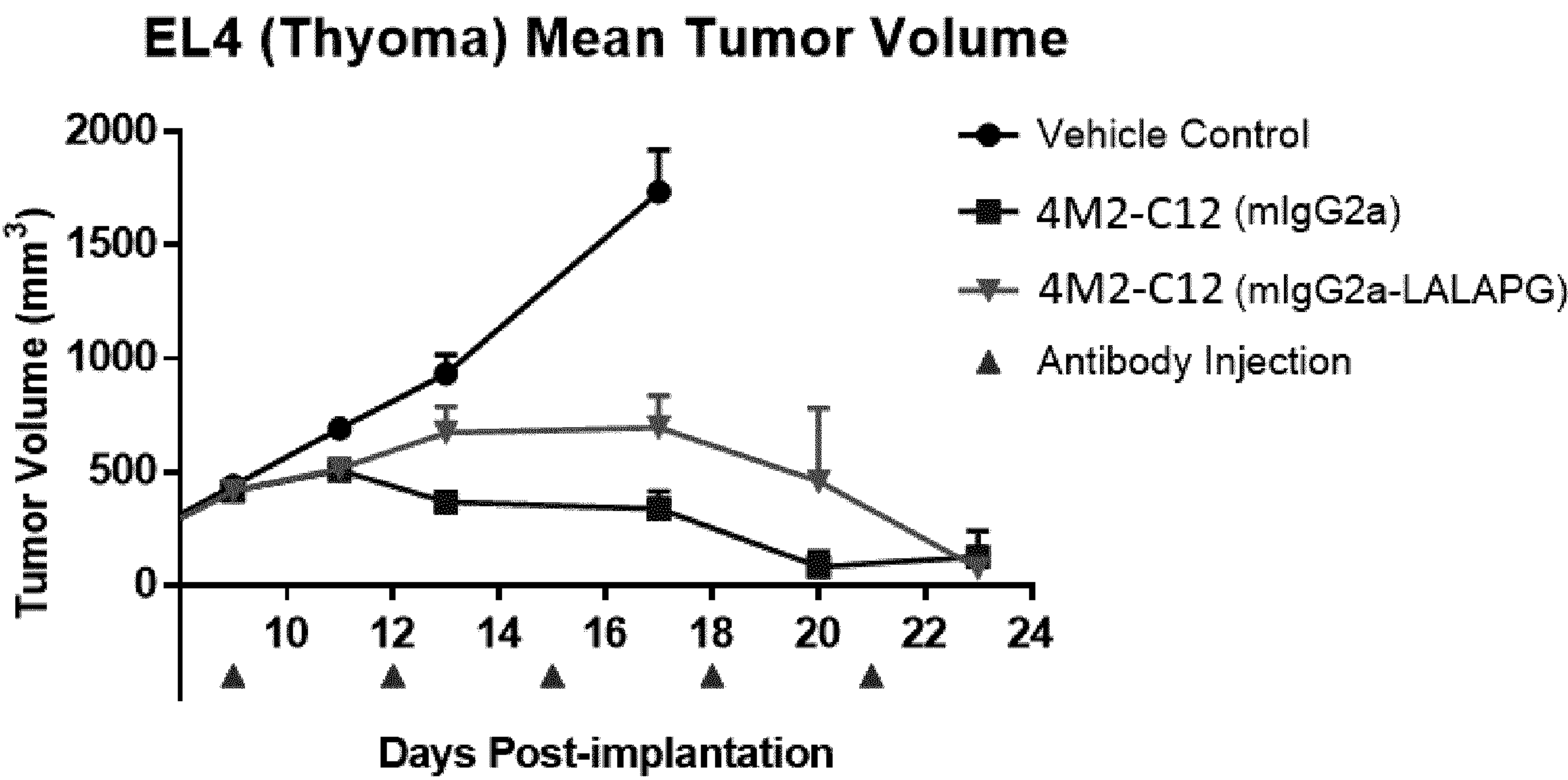


Figure 30A

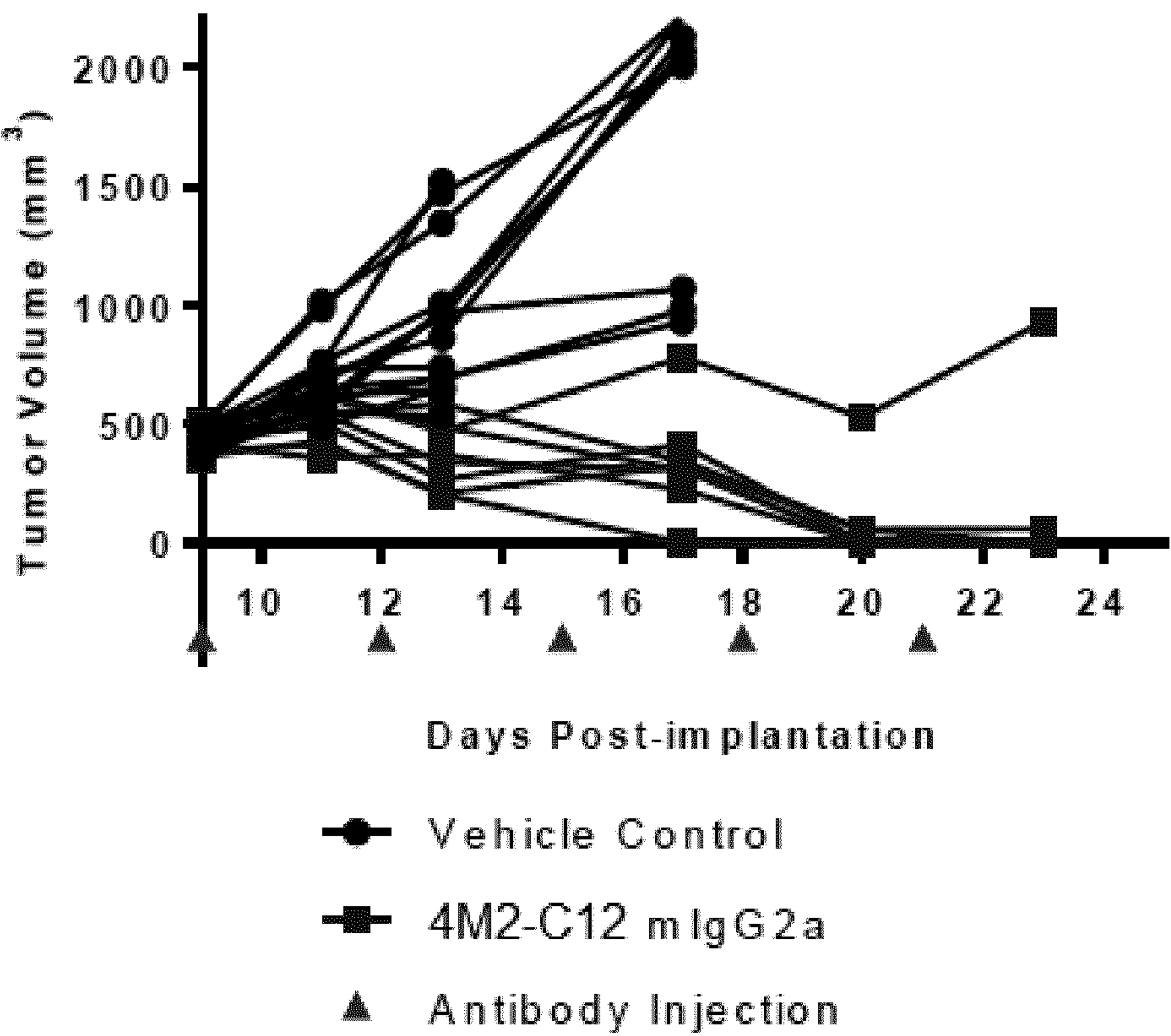


Figure 30B

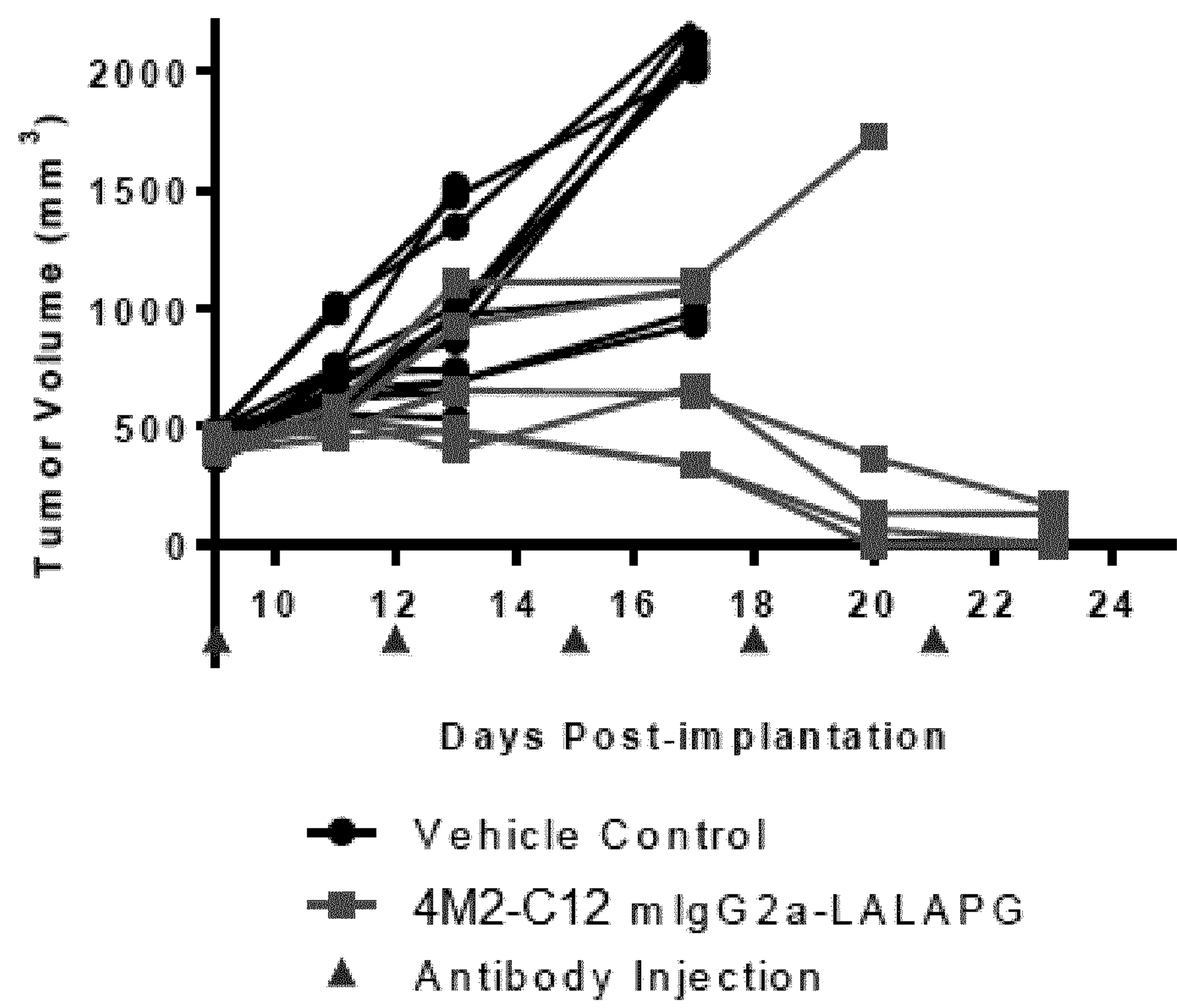


Figure 30C

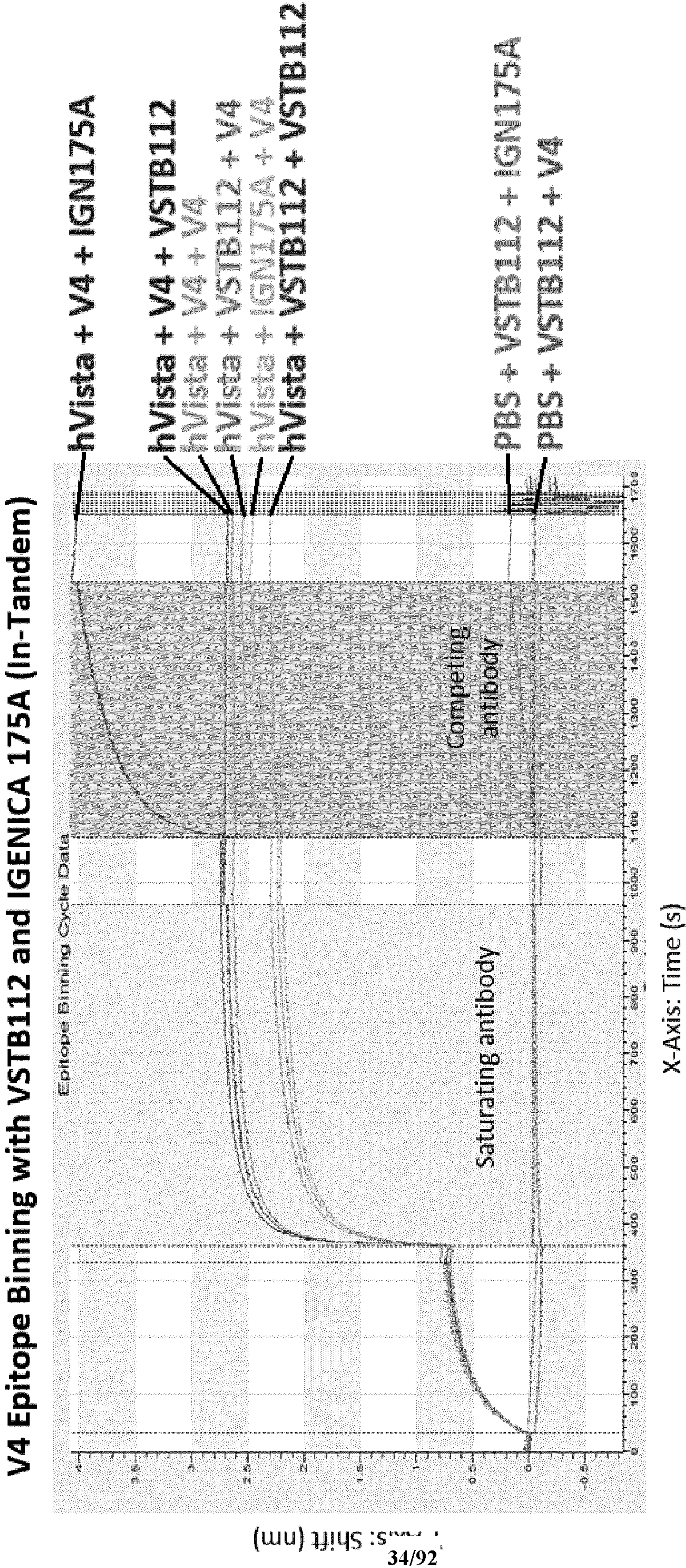


Figure 31A

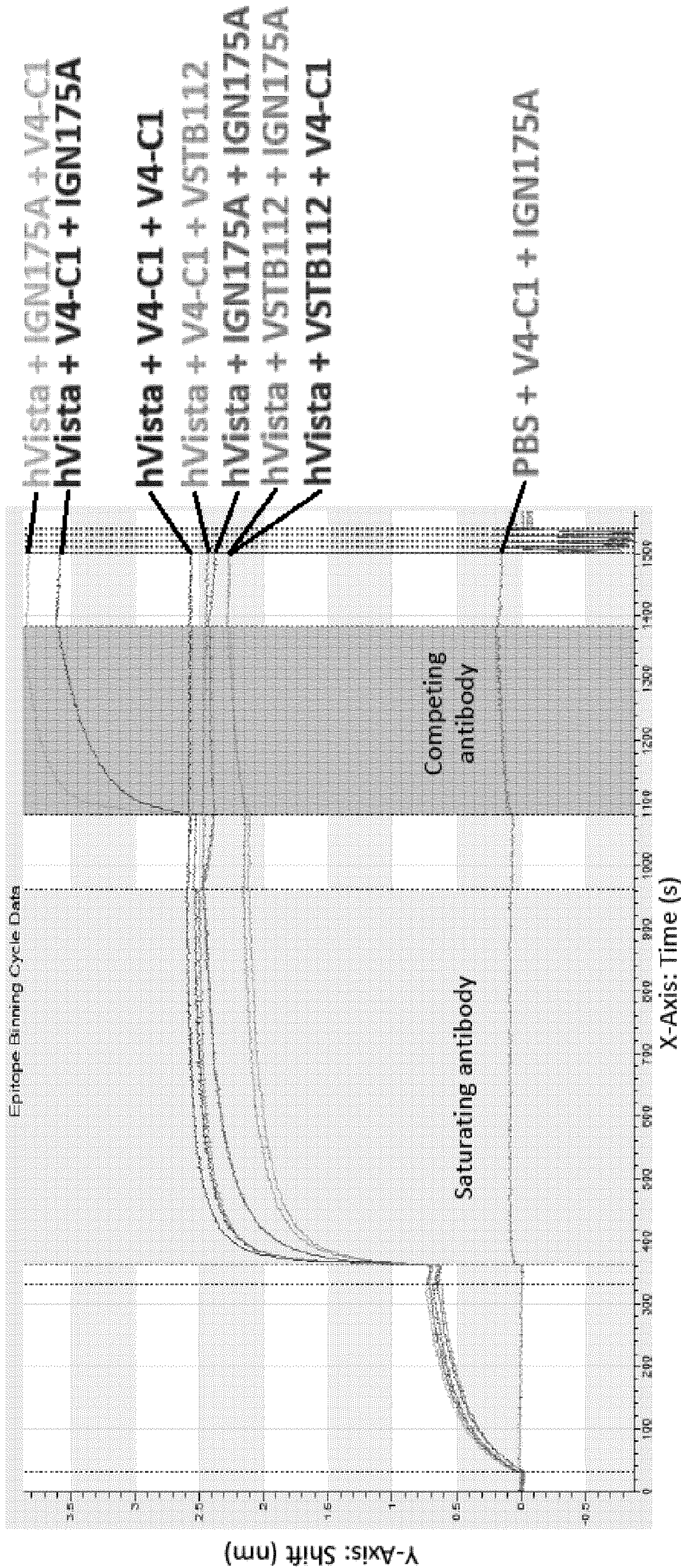


Figure 31B

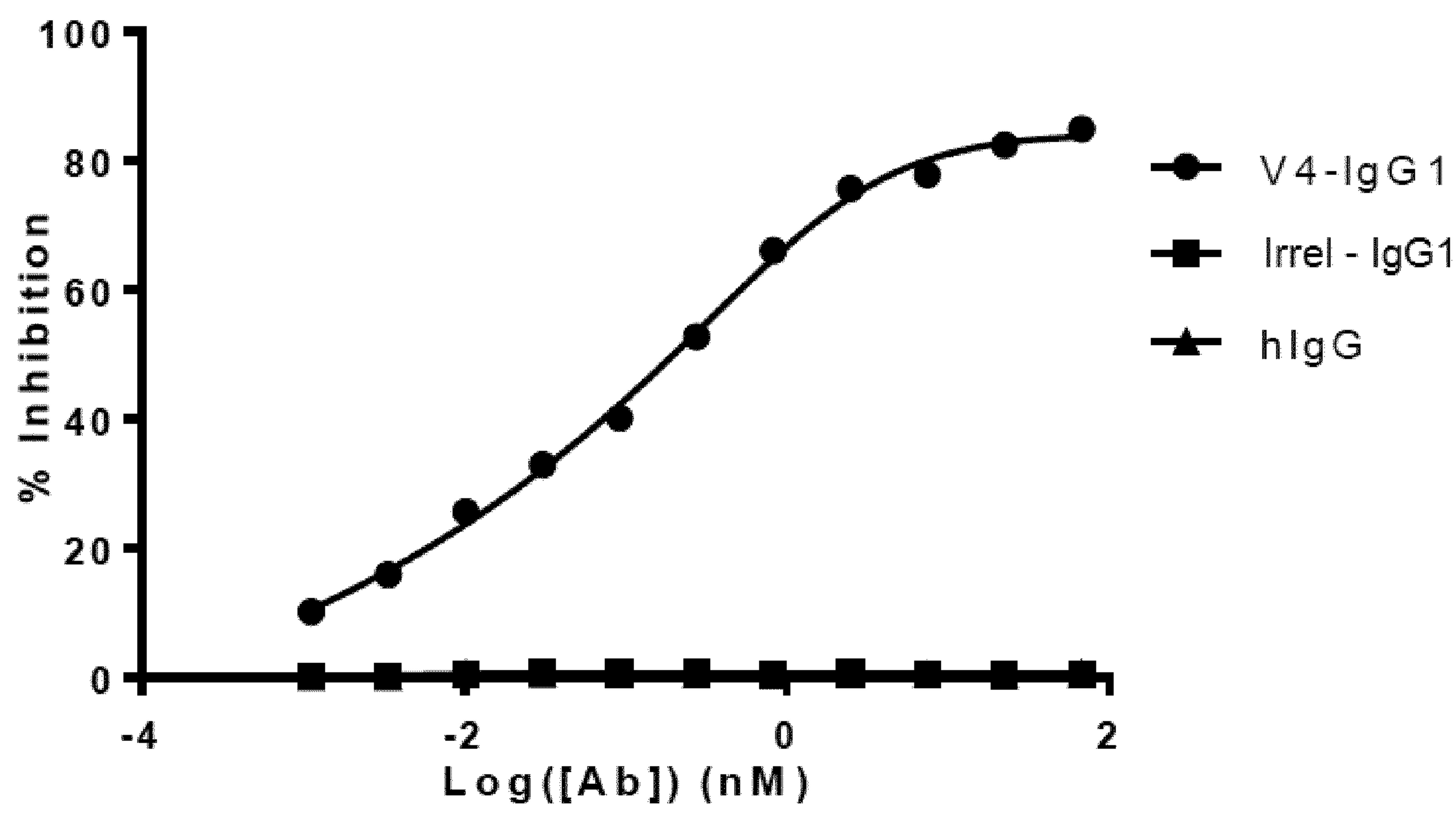


Figure 32

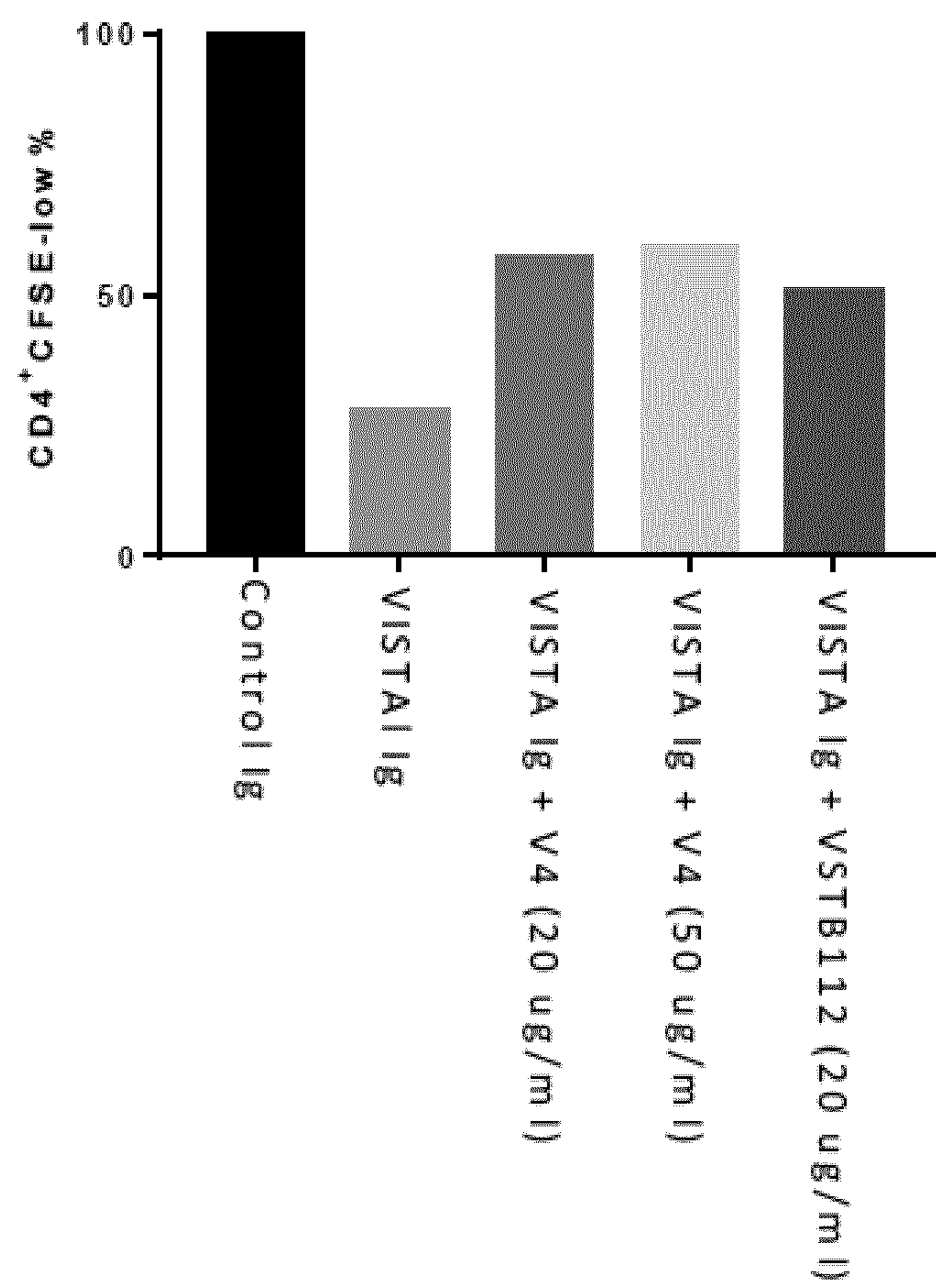


Figure 33A

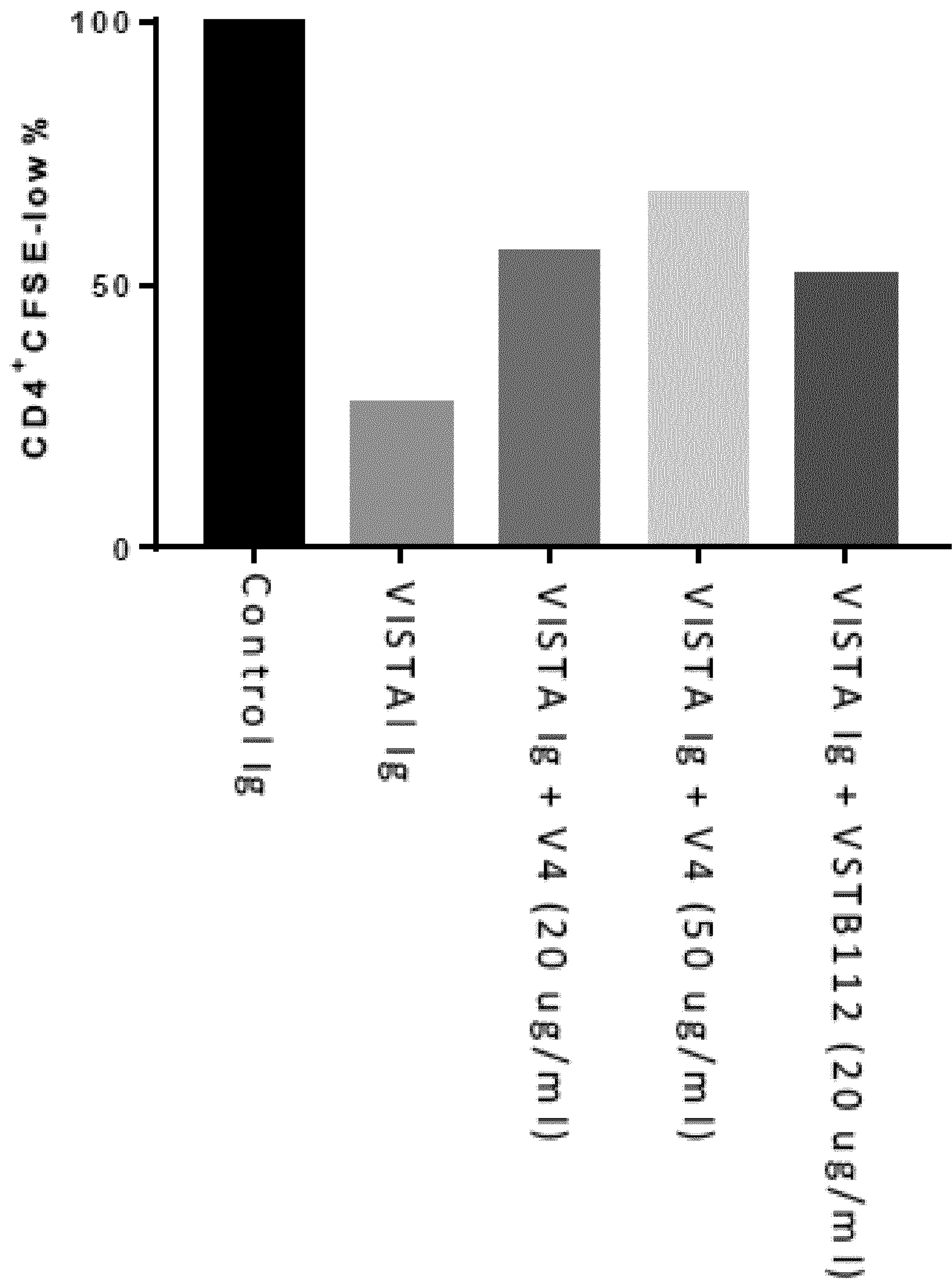


Figure 33B

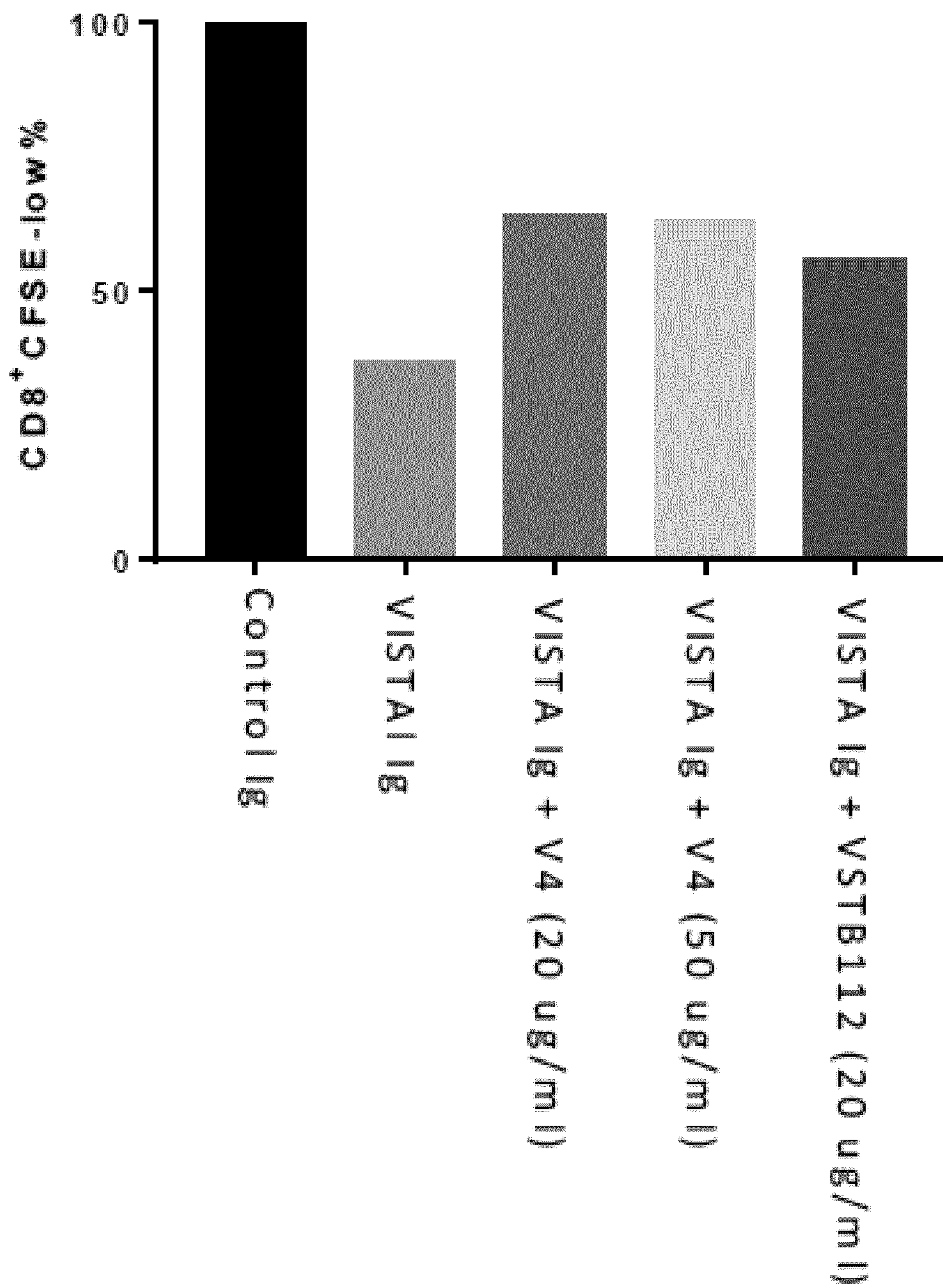


Figure 33C

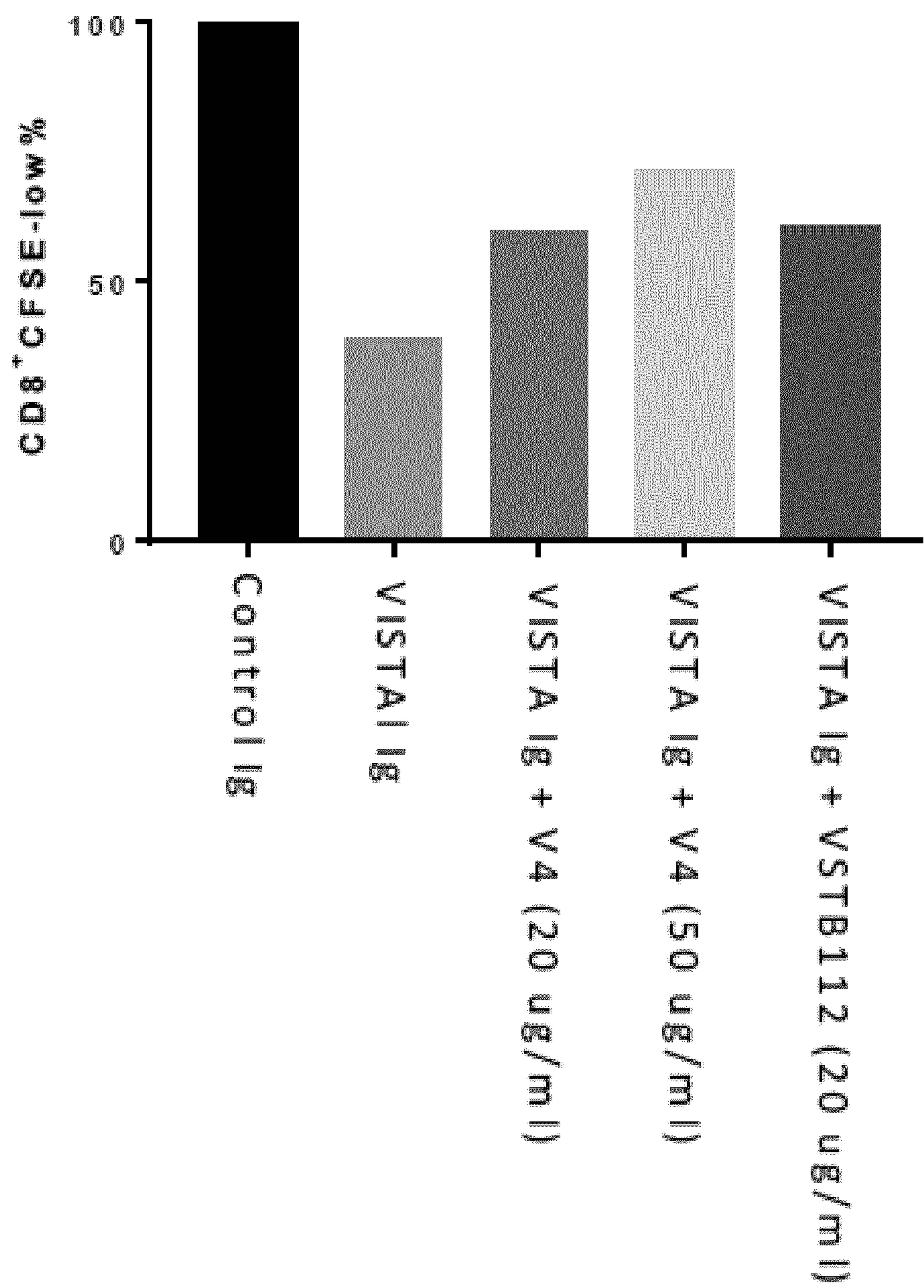


Figure 33D

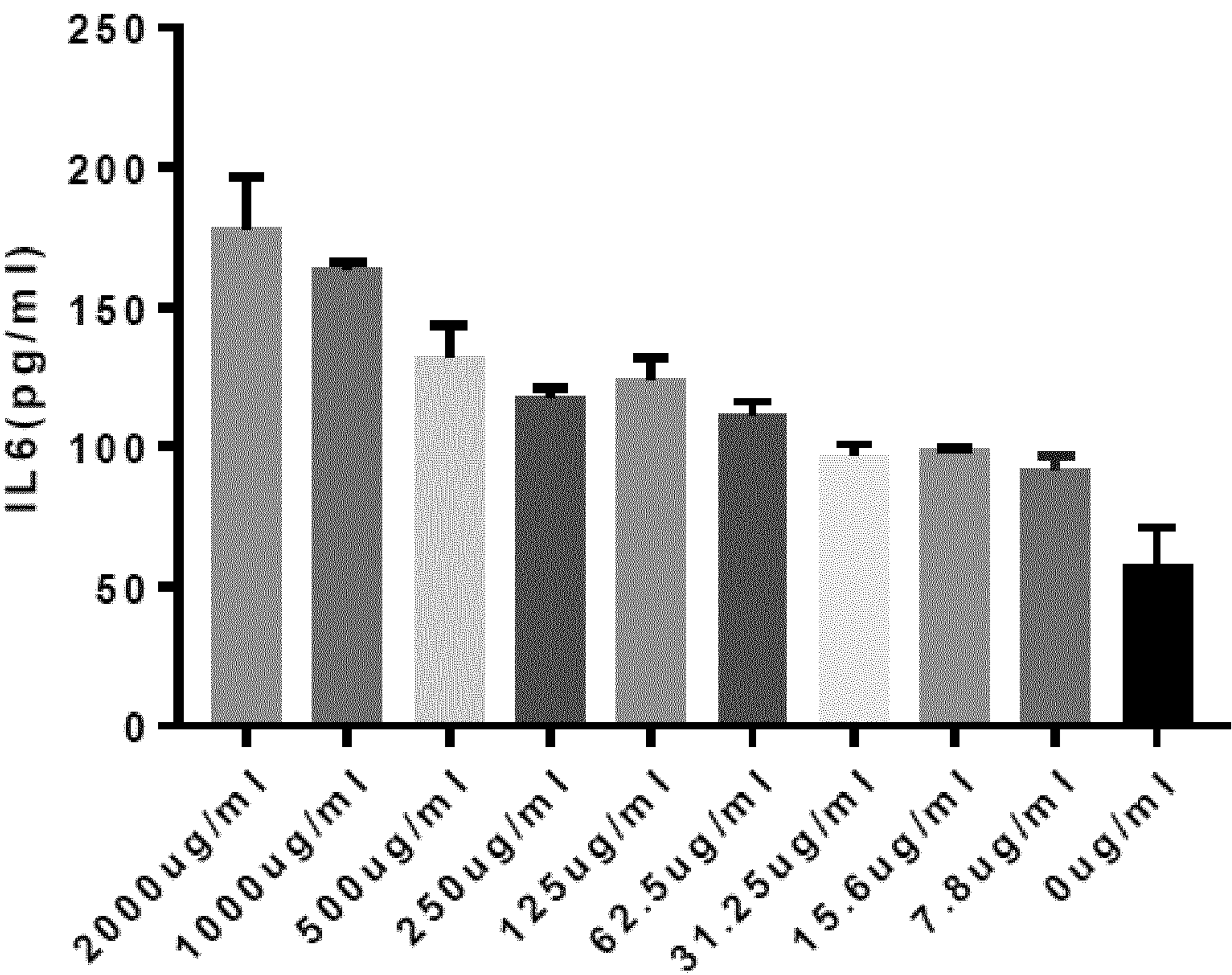


Figure 34A

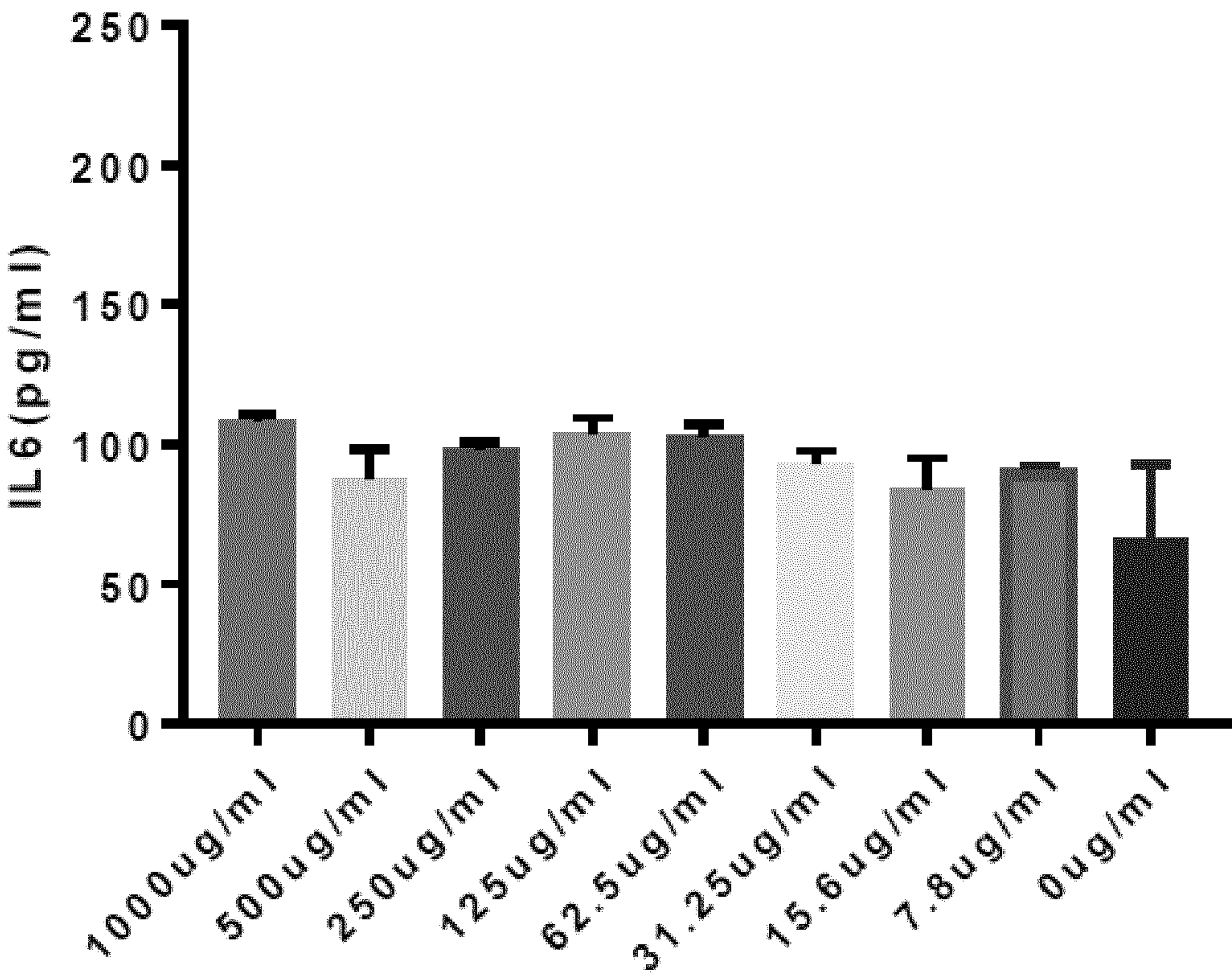


Figure 34B

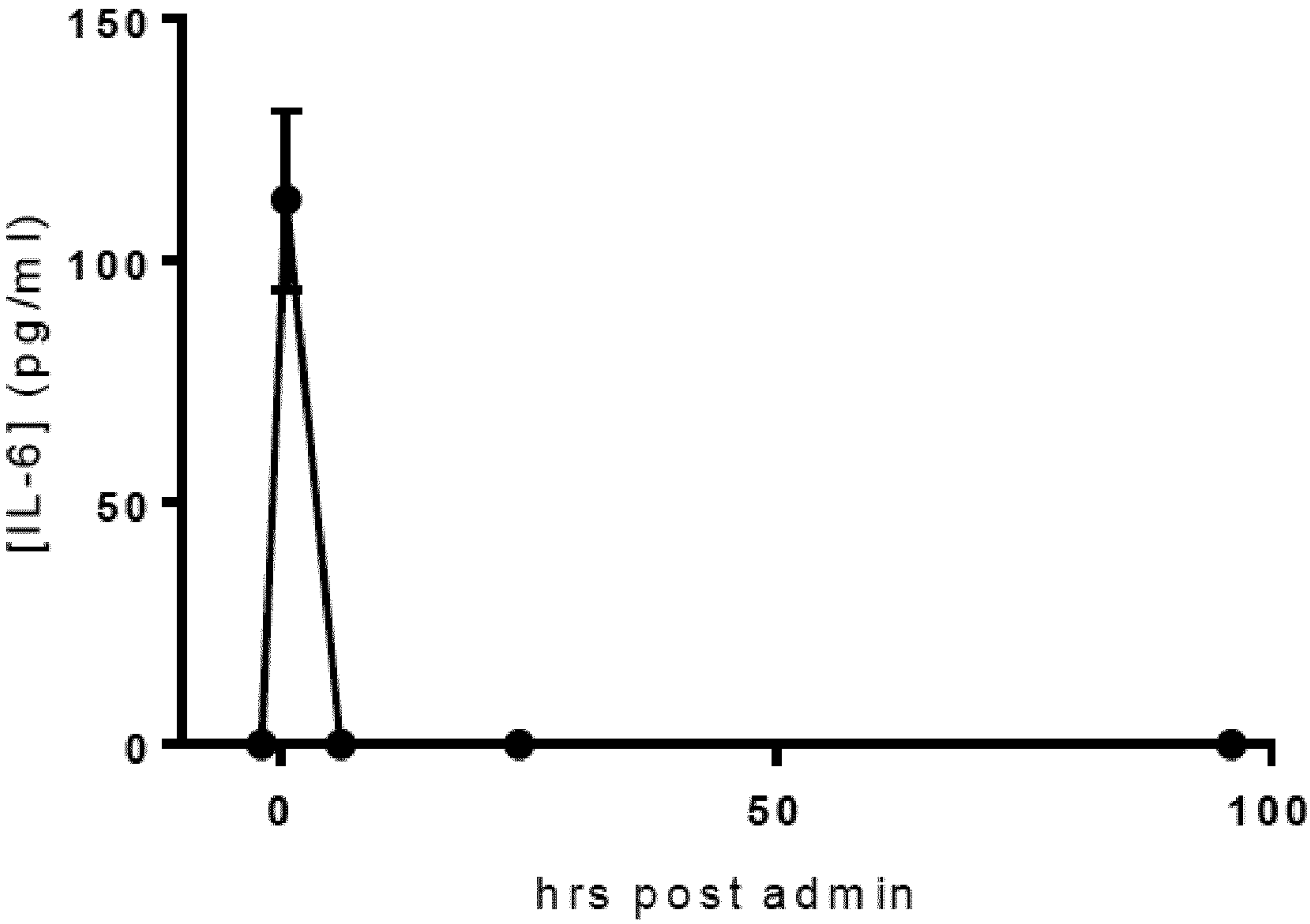


Figure 35

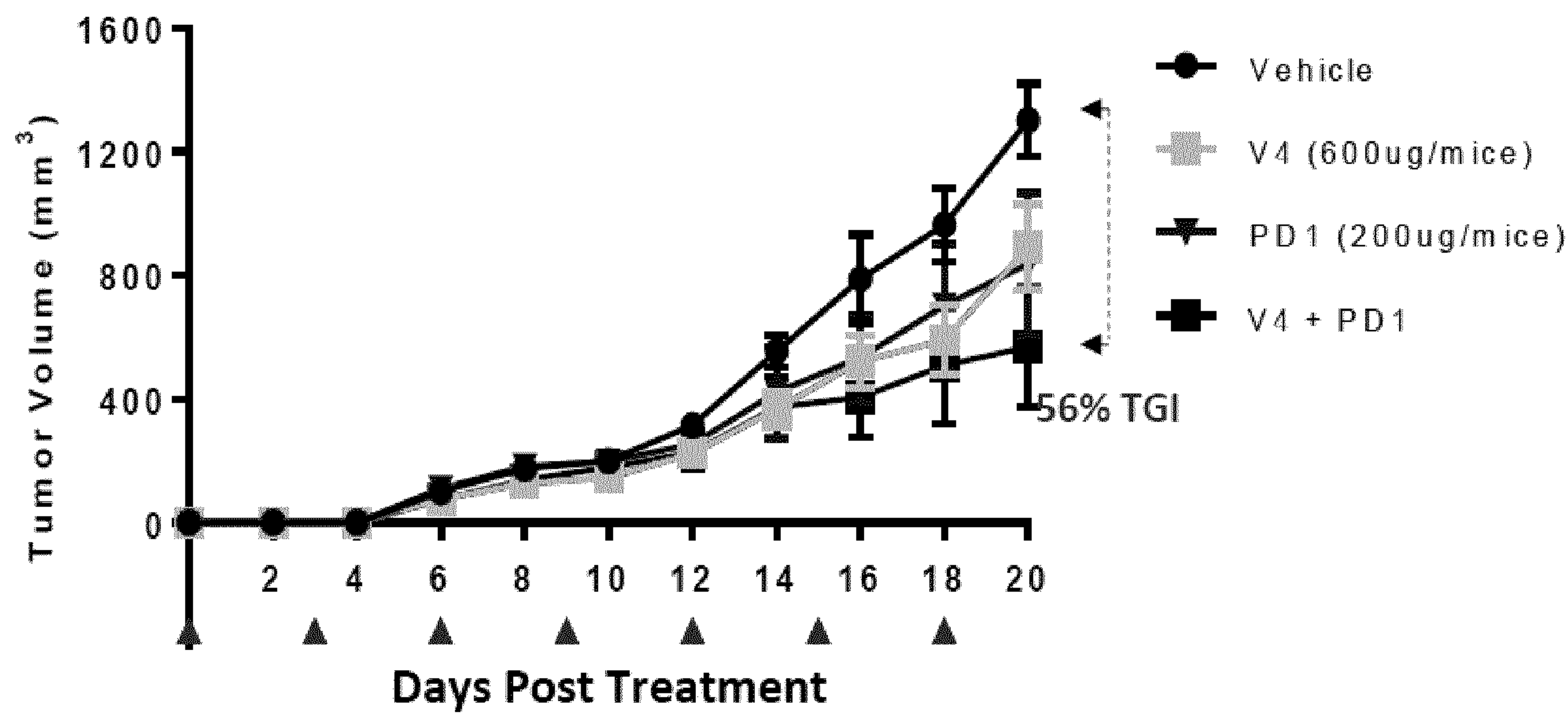


Figure 36A

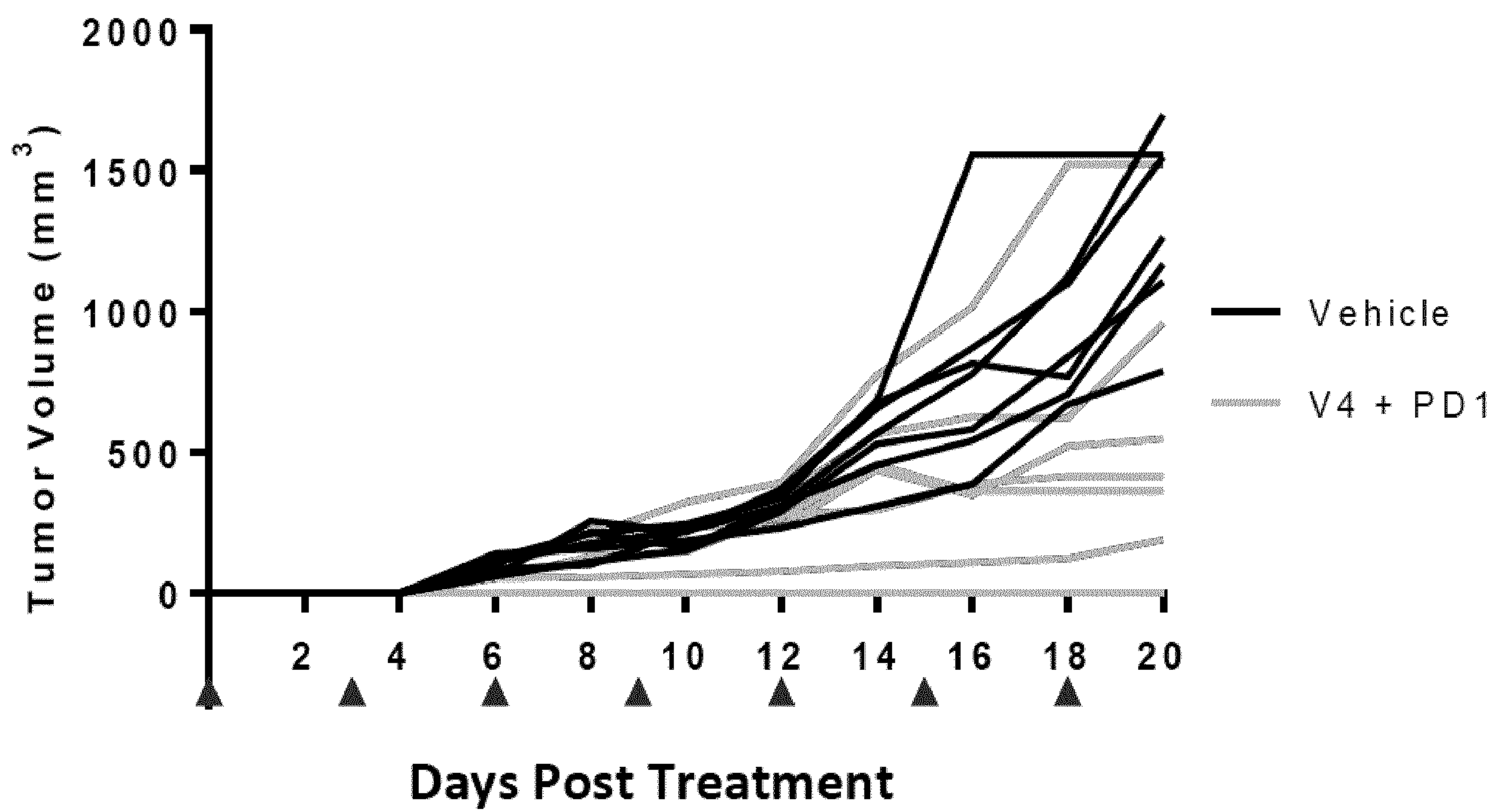


Figure 36B

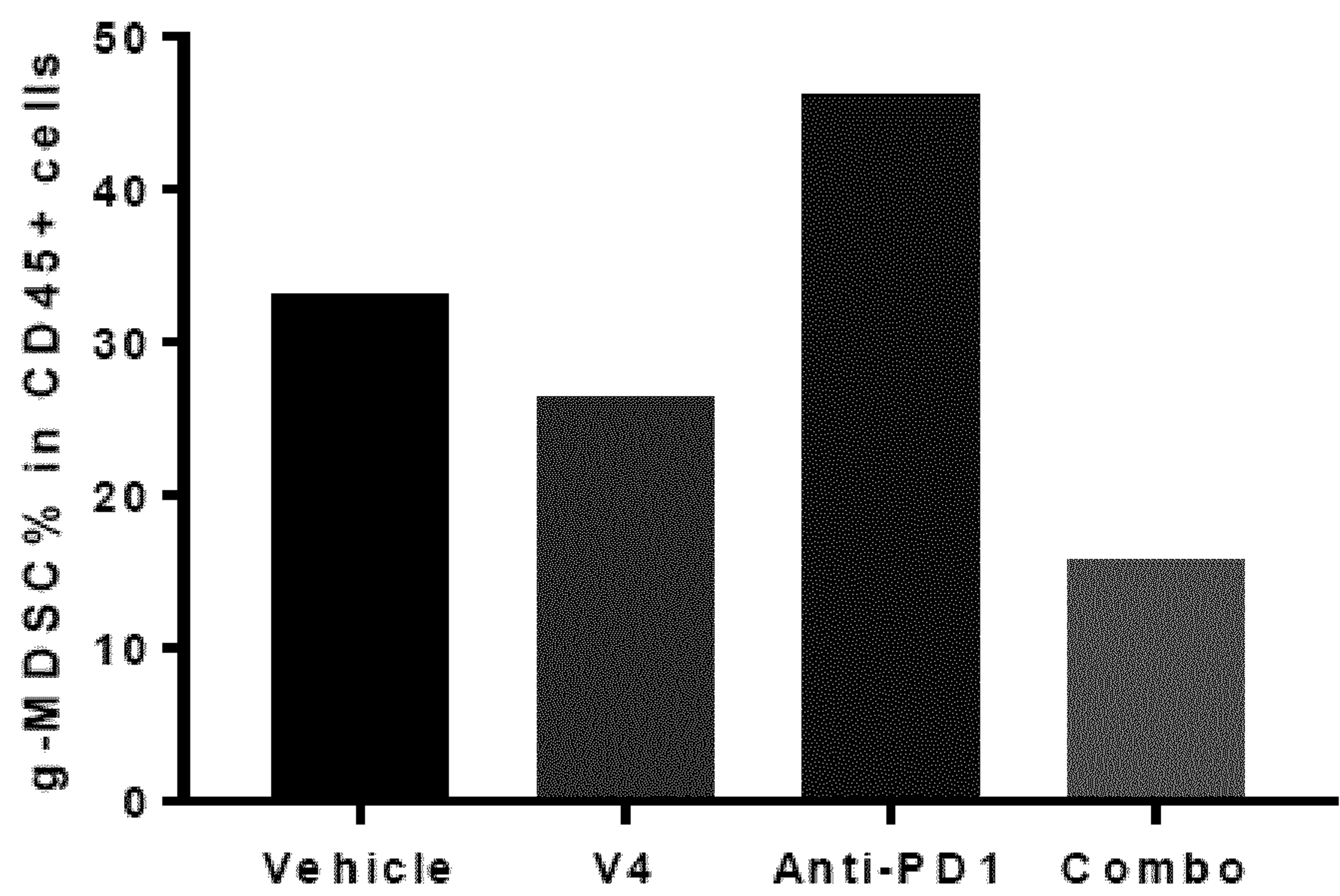


Figure 37

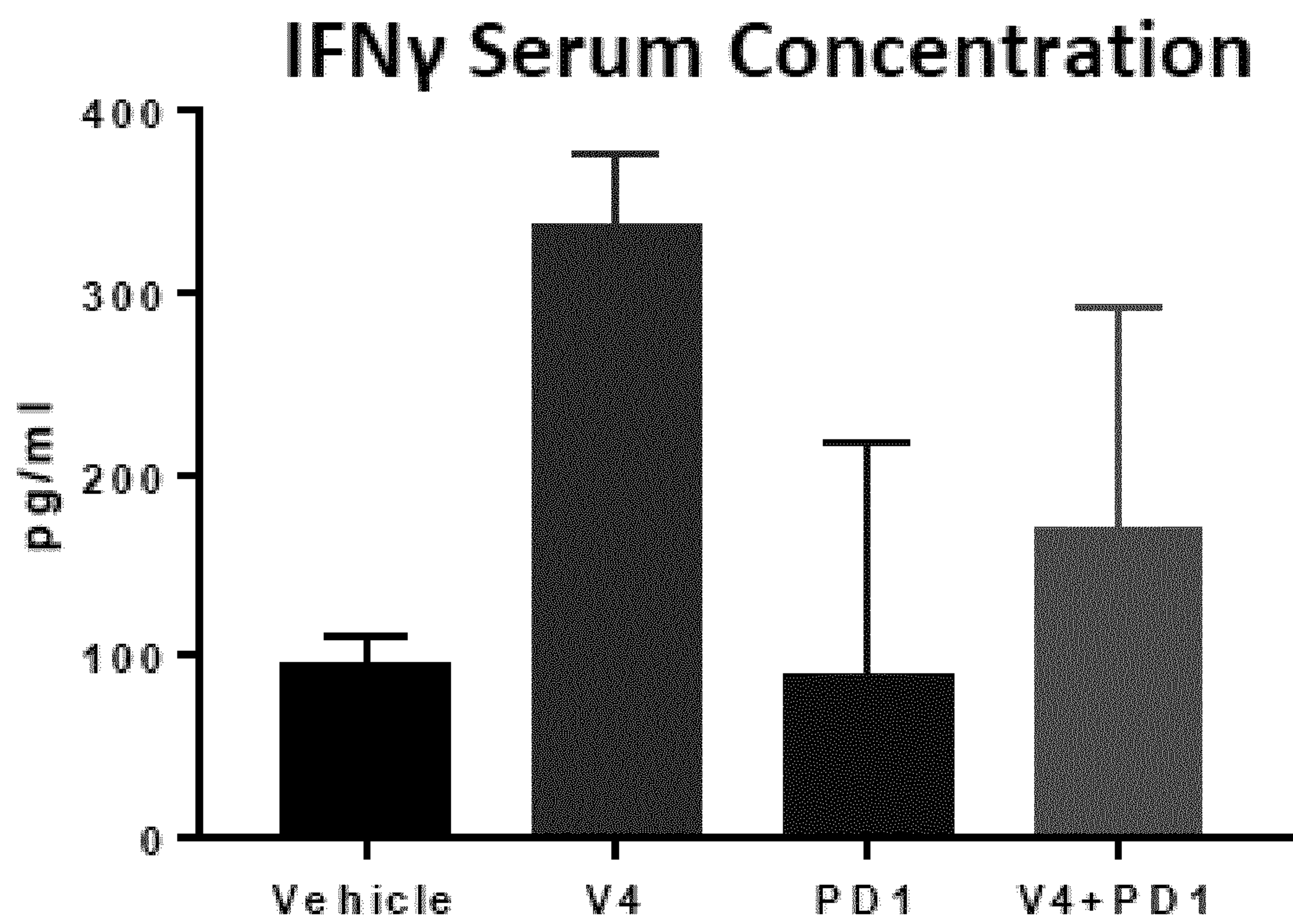


Figure 38A

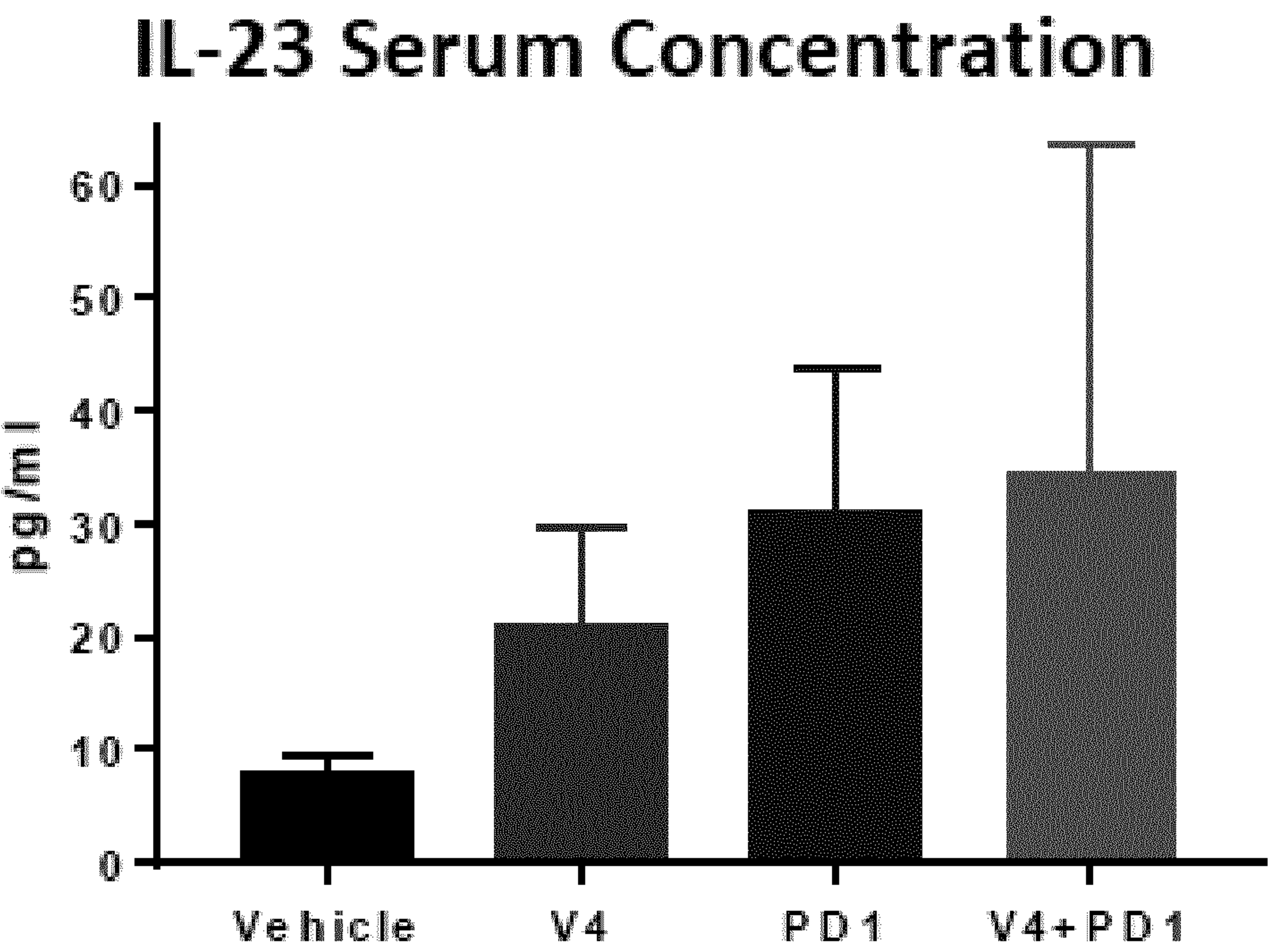


Figure 38B

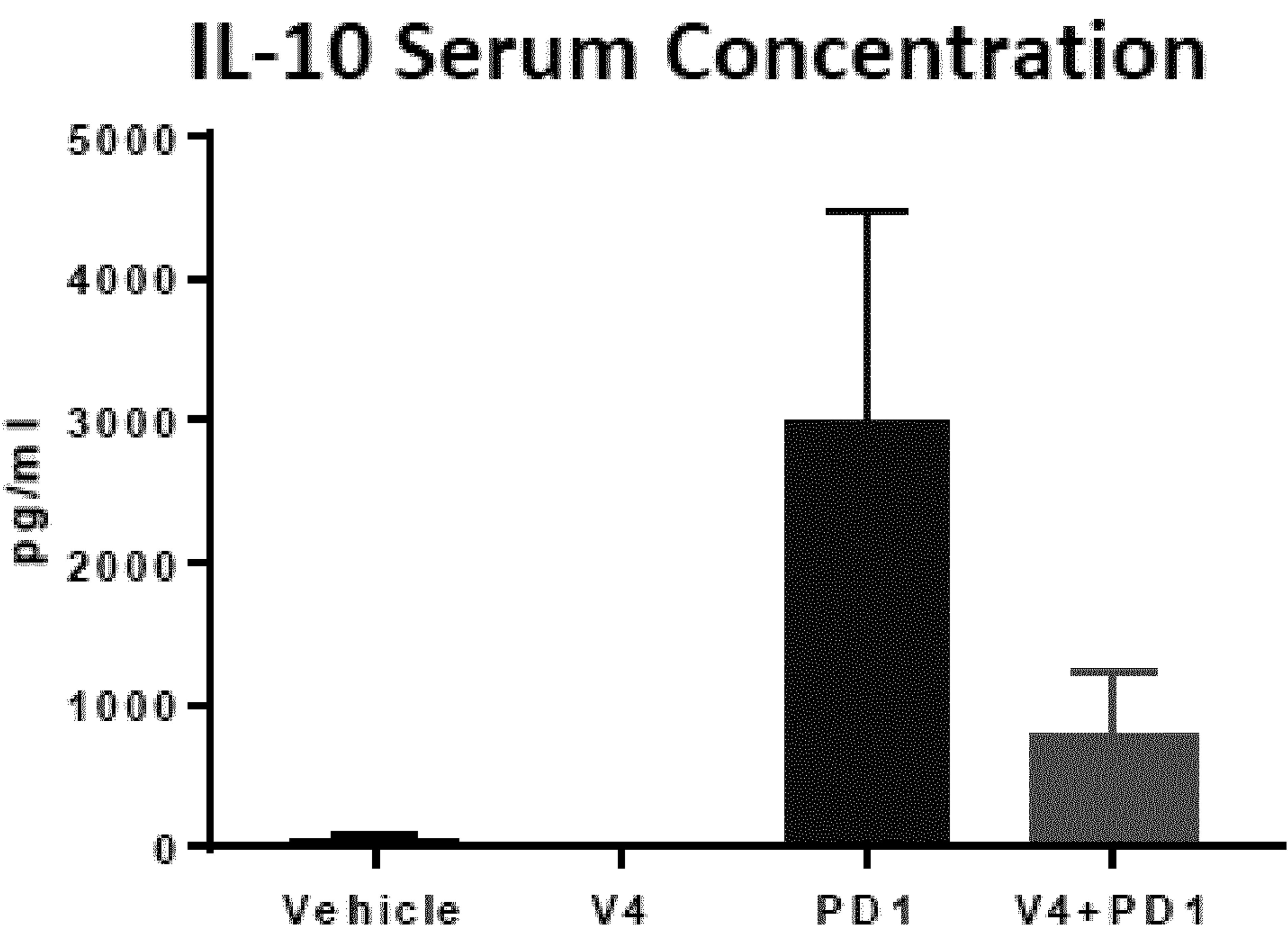


Figure 38C

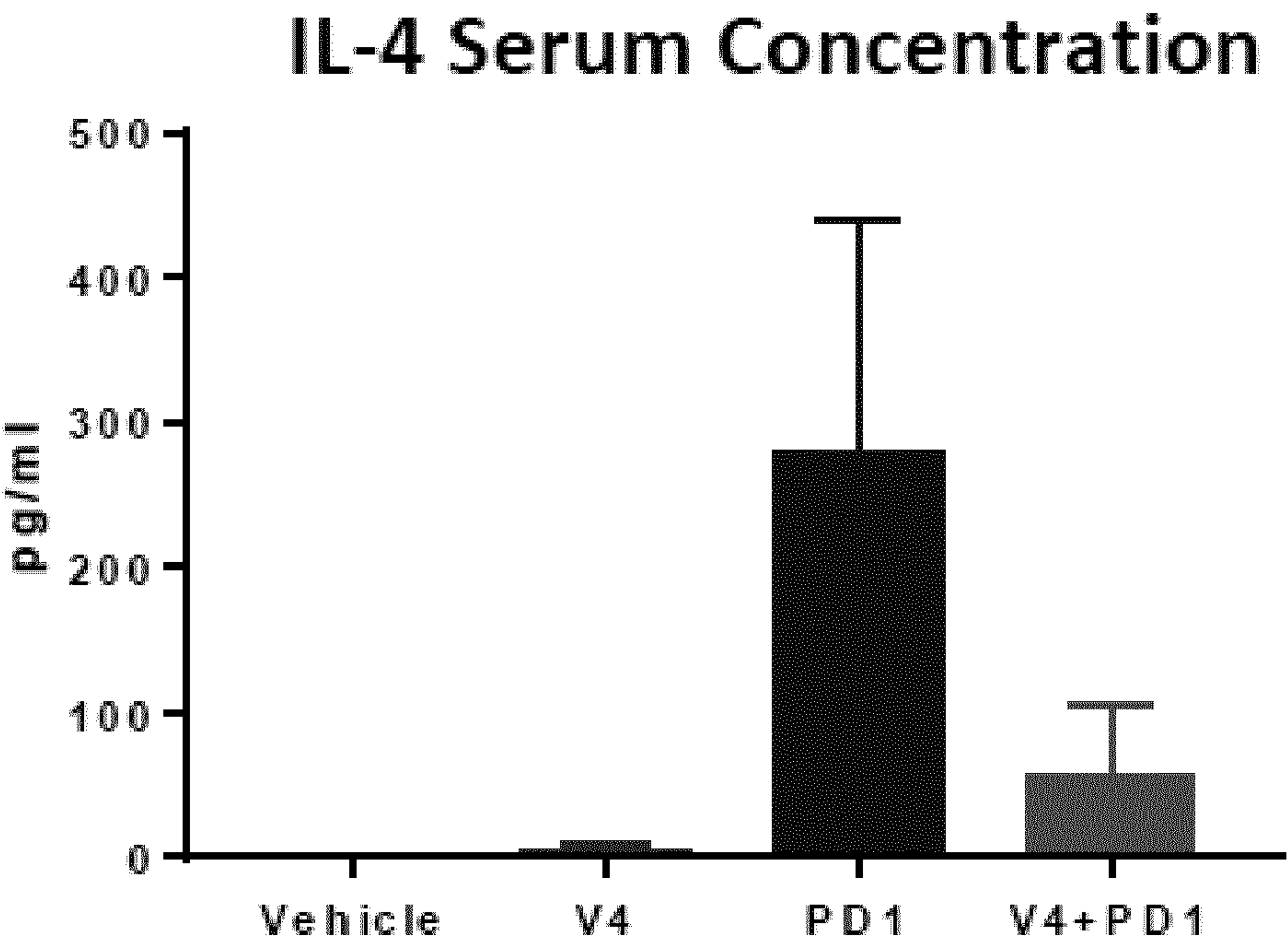


Figure 38D

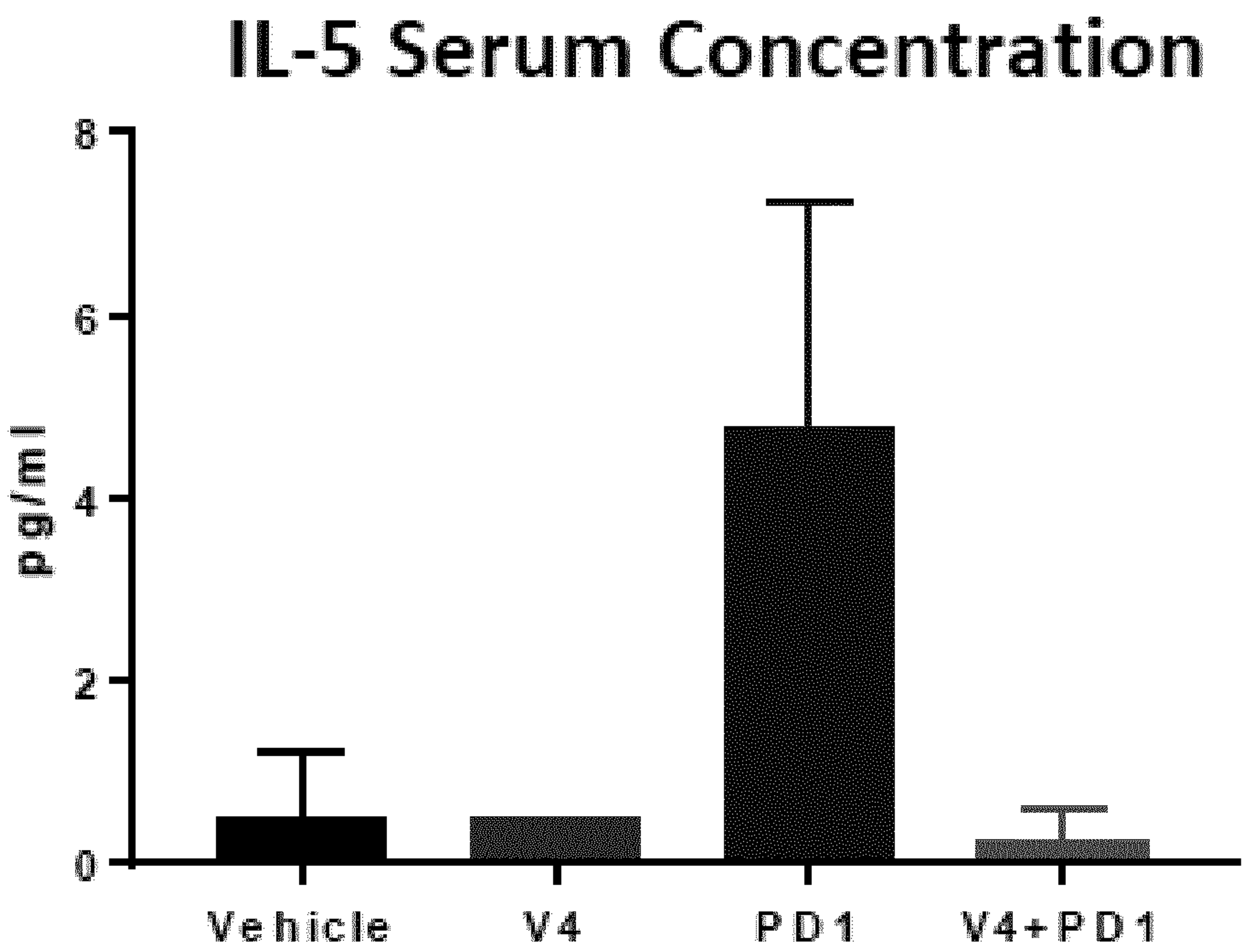


Figure 38E

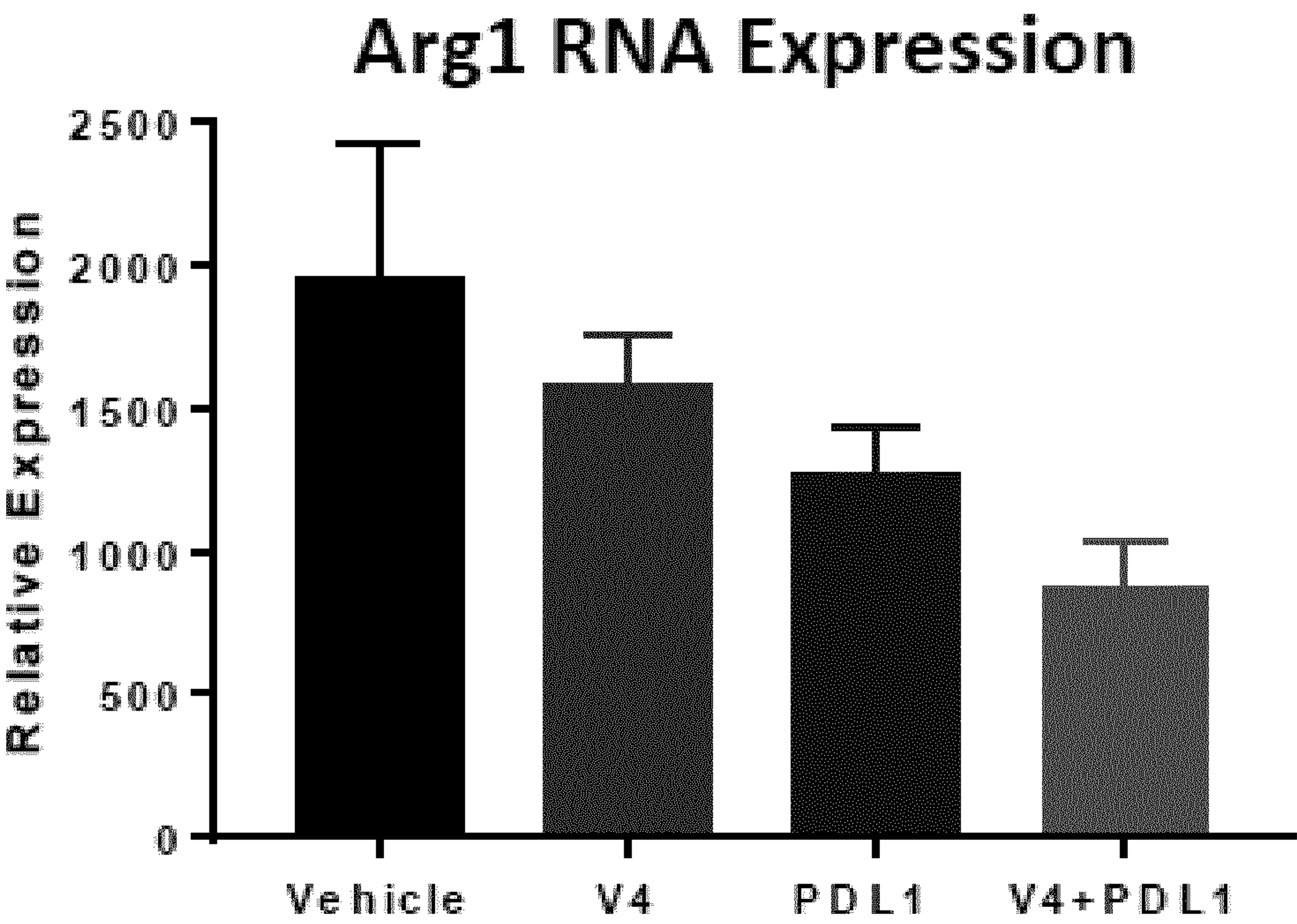


Figure 39

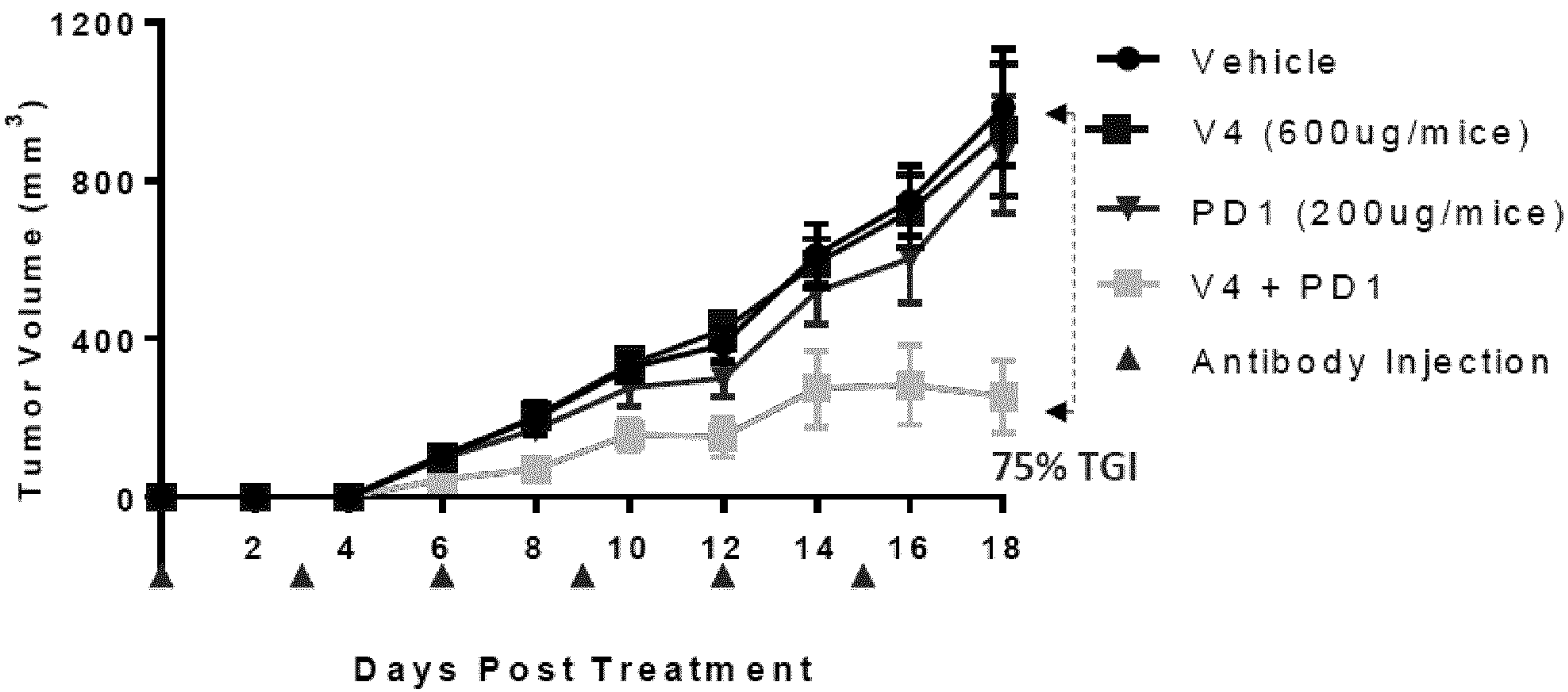


Figure 40A

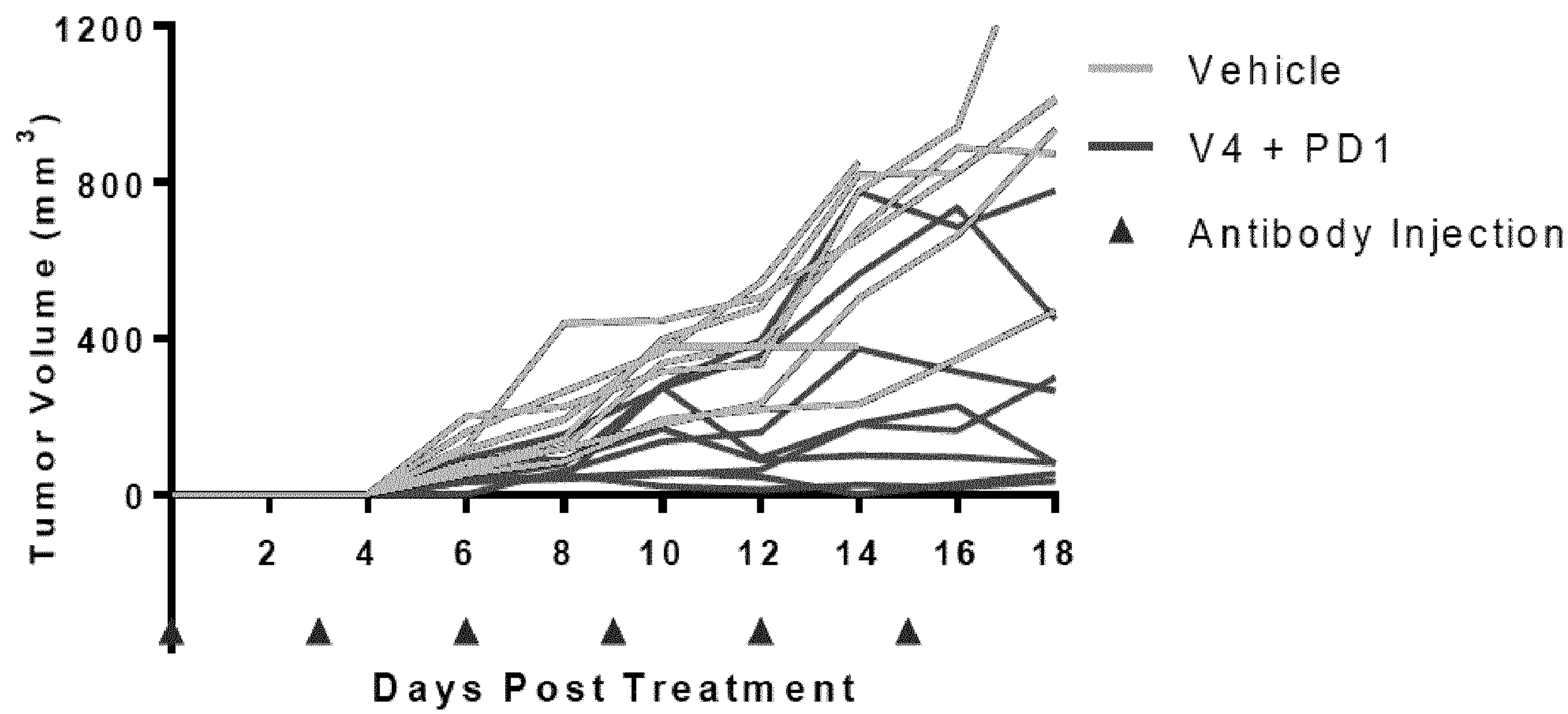


Figure 40B

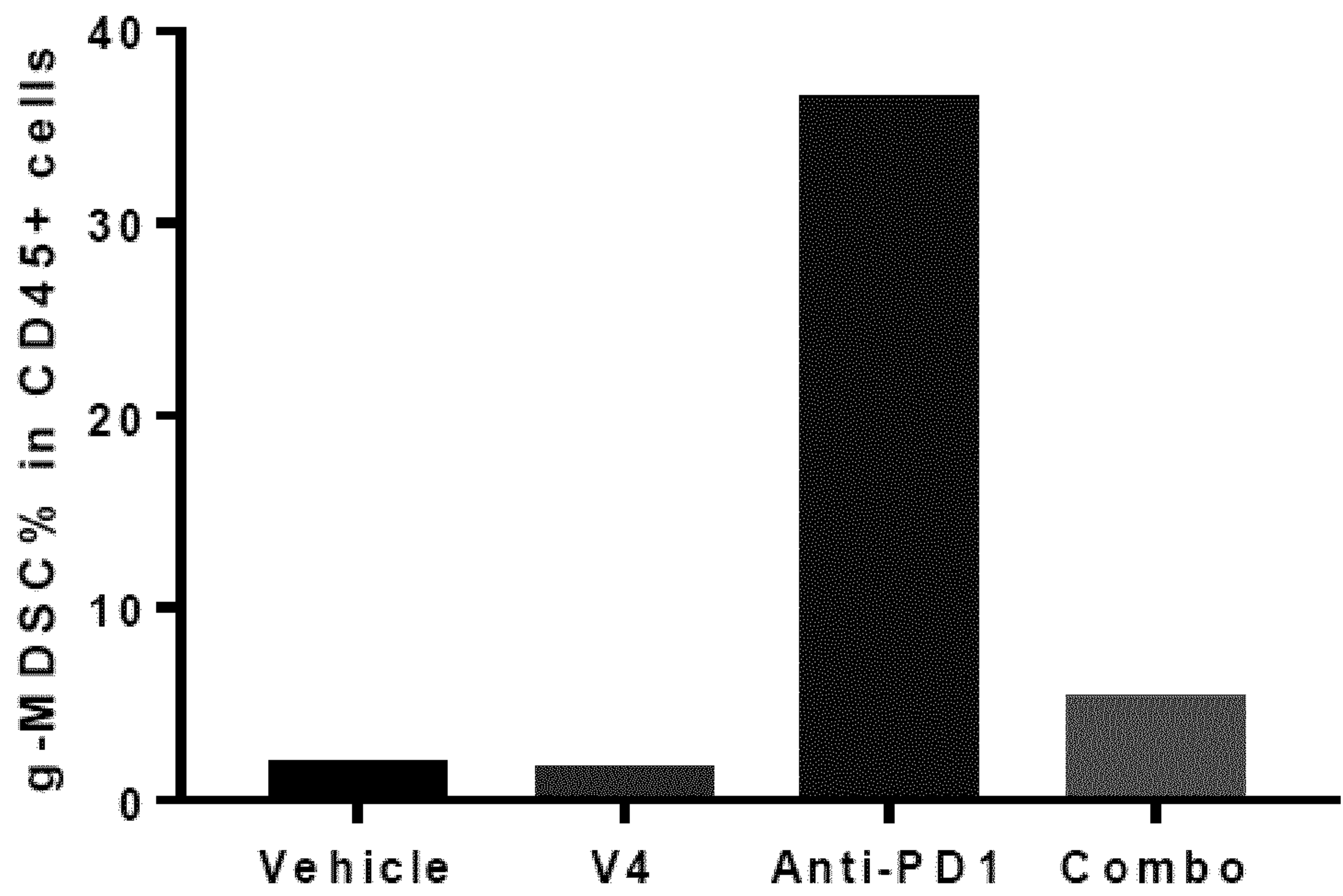


Figure 41

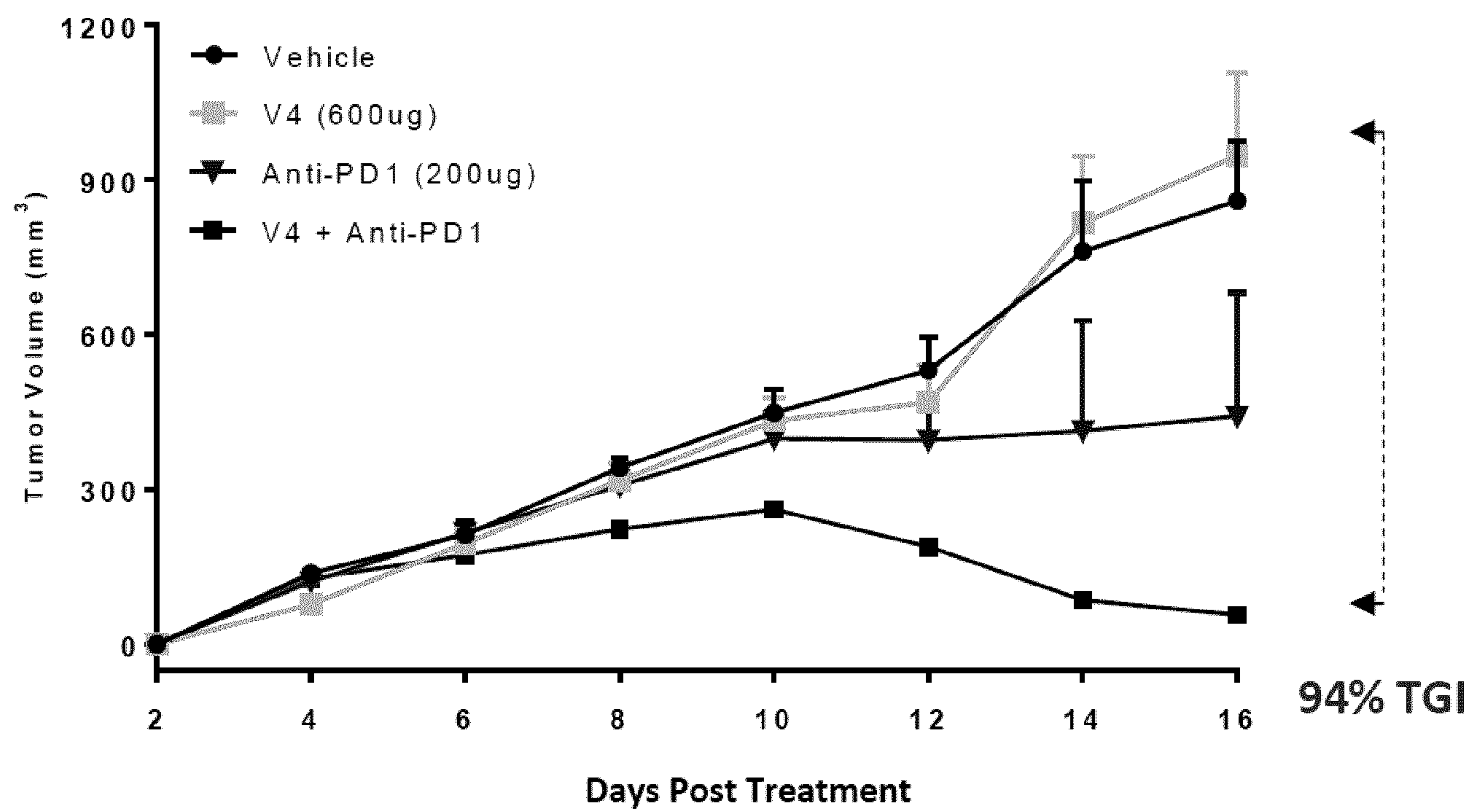


Figure 42

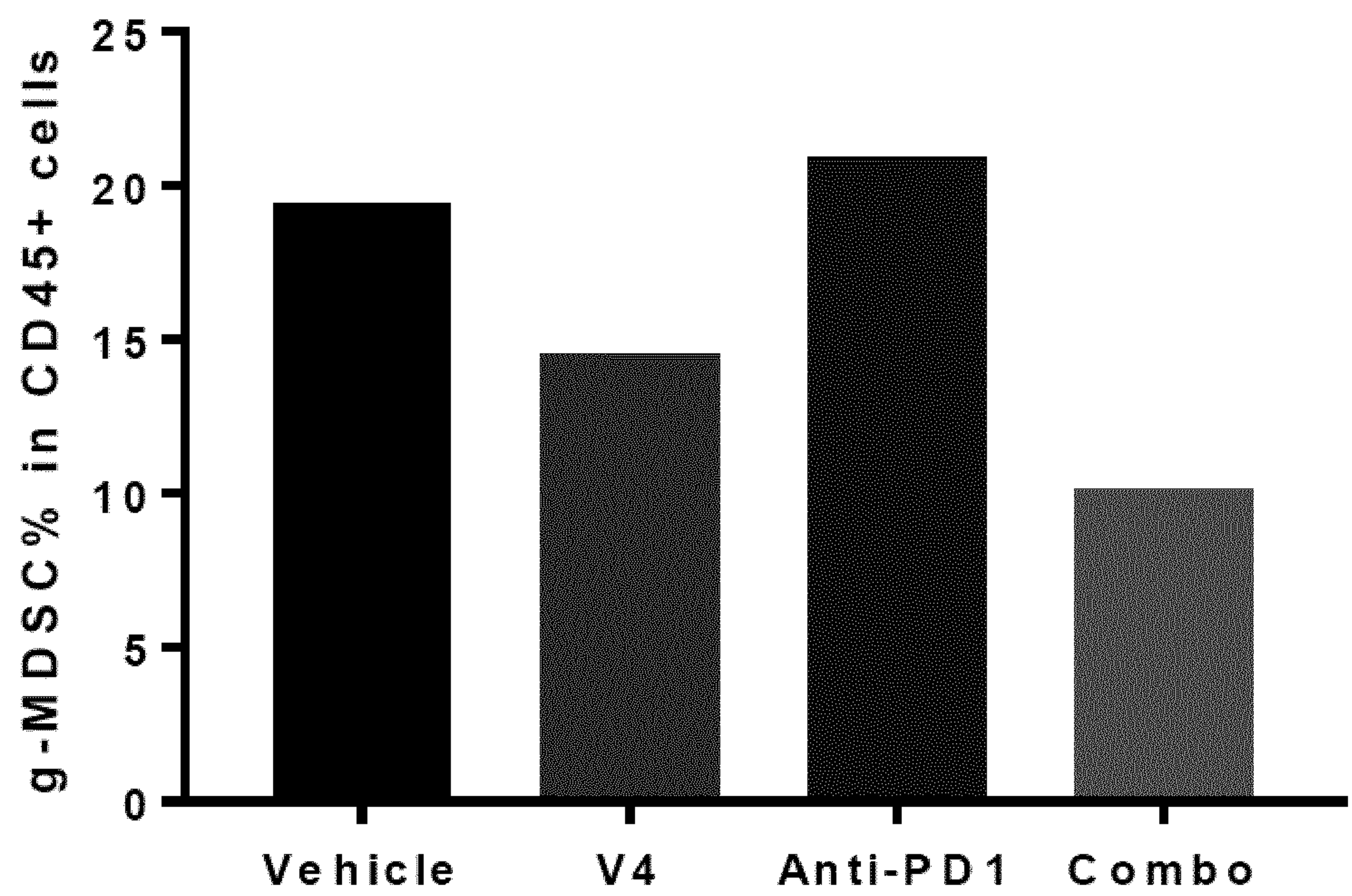


Figure 43

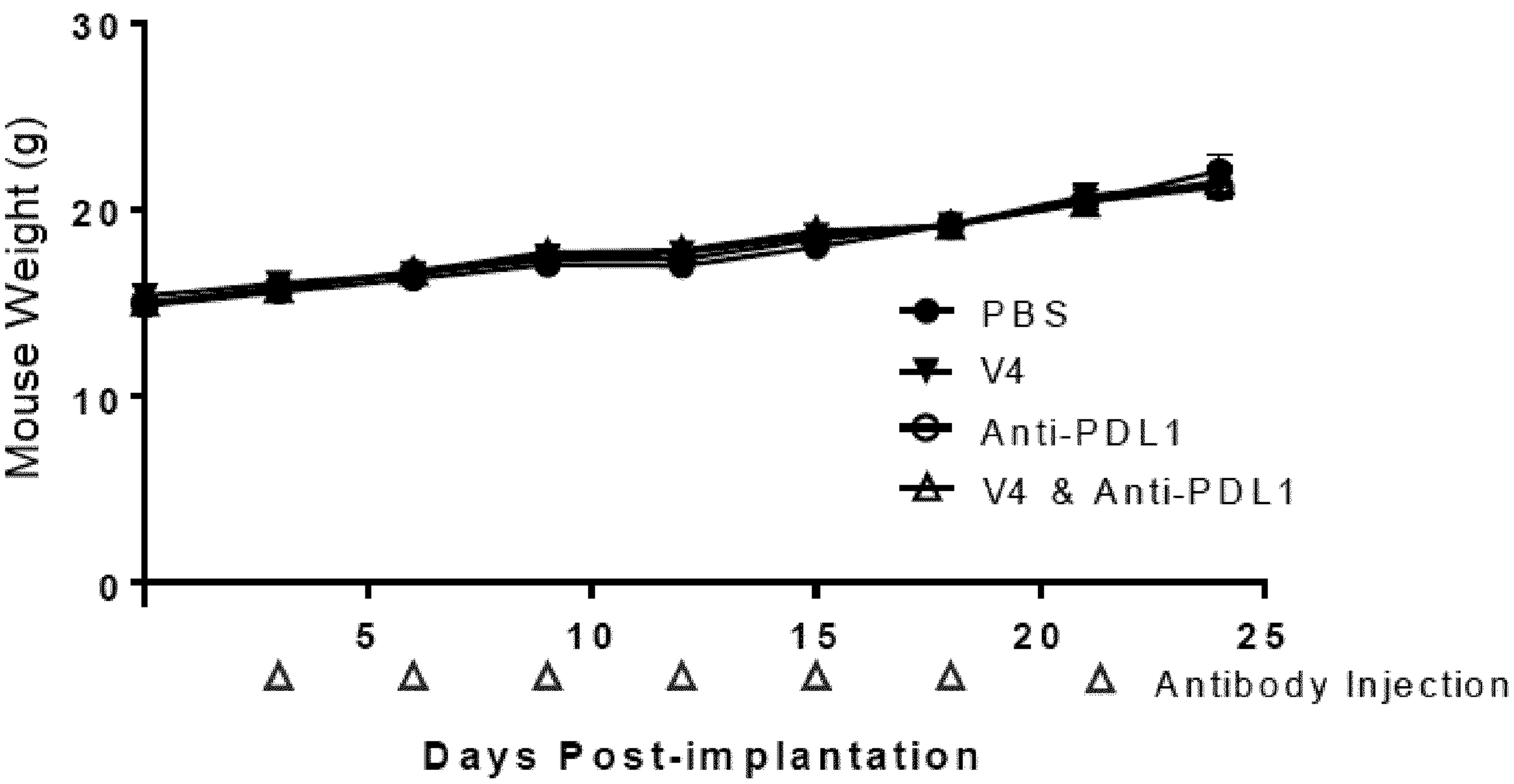


Figure 44

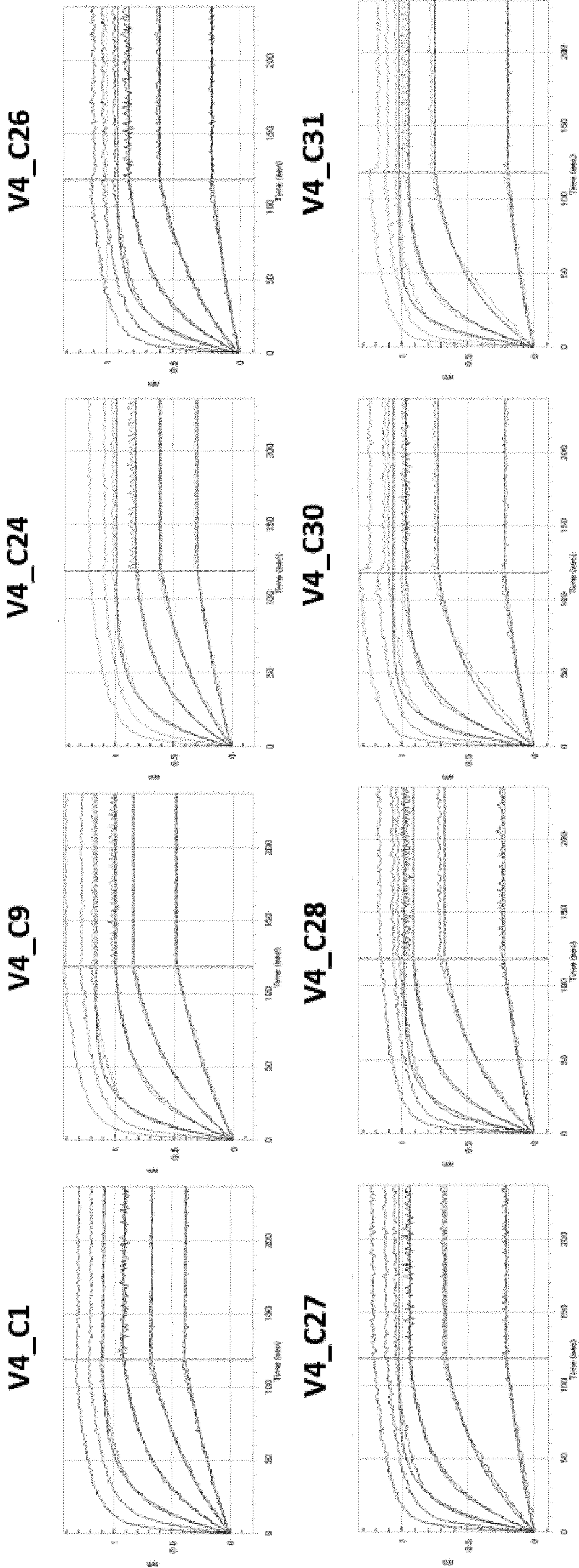


Figure 45A

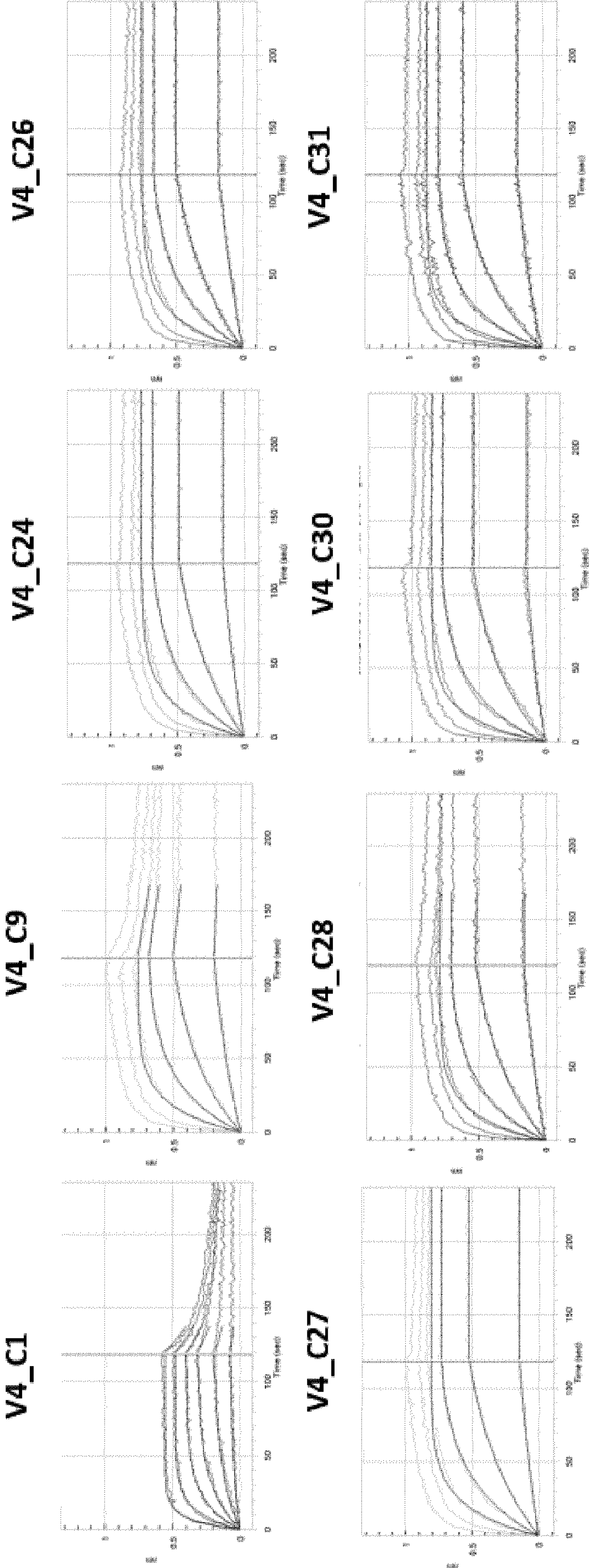


Figure 45B

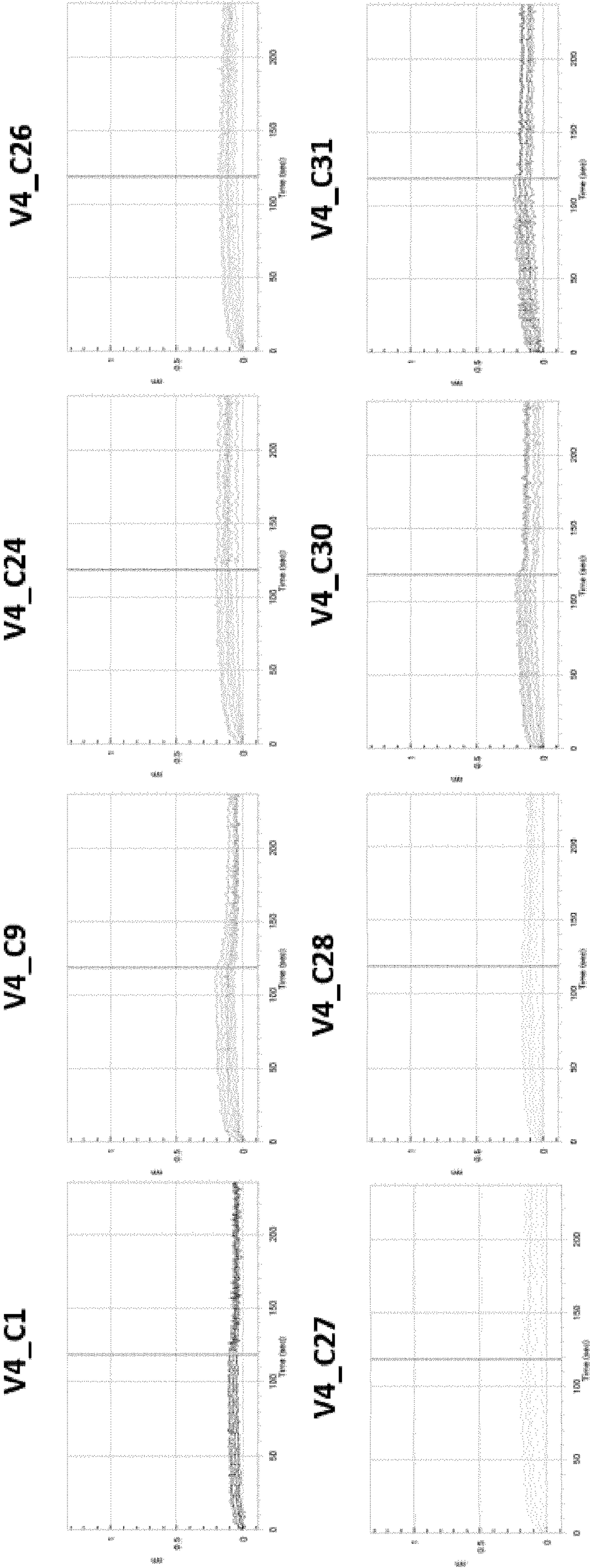


Figure 45C

Antibody	mouse VISTA			human VISTA		
	K_D (nM)	K_{on} ($M^{-1} s^{-1}$)	K_{dis} (s^{-1})	K_D (nM)	K_{on} ($M^{-1} s^{-1}$)	K_{dis} (s^{-1})
V4_C1	60.7	2.43E+05	14.7E-03	<0.001	3.43E+05	<1.0E-07
V4_C9	3.81	3.11E+05	1.18E-03	<0.001	3.33E+05	<1.0E-07
V4_C24	<0.001	4.01E+05	<1.0E-07	<0.001	3.84E+05	<1.0E-07
V4_C26	<0.001	4.03E+05	<1.0E-07	<0.001	4.04E+05	<1.0E-07
V4_C27	<0.001	4.26E+05	<1.0E-07	<0.001	4.65E+05	<1.0E-07
V4_C28	0.17	4.75E+05	0.082E-03	<0.001	5.07E+05	<1.0E-07
V4_C30	0.005	5.05E+05	0.0028E-03	<0.001	5.93E+05	<1.0E-07
V4_C31	<0.001	5.70E+05	<1.0E-07	<0.001	6.23E+05	<1.0E-07

Figure 45D

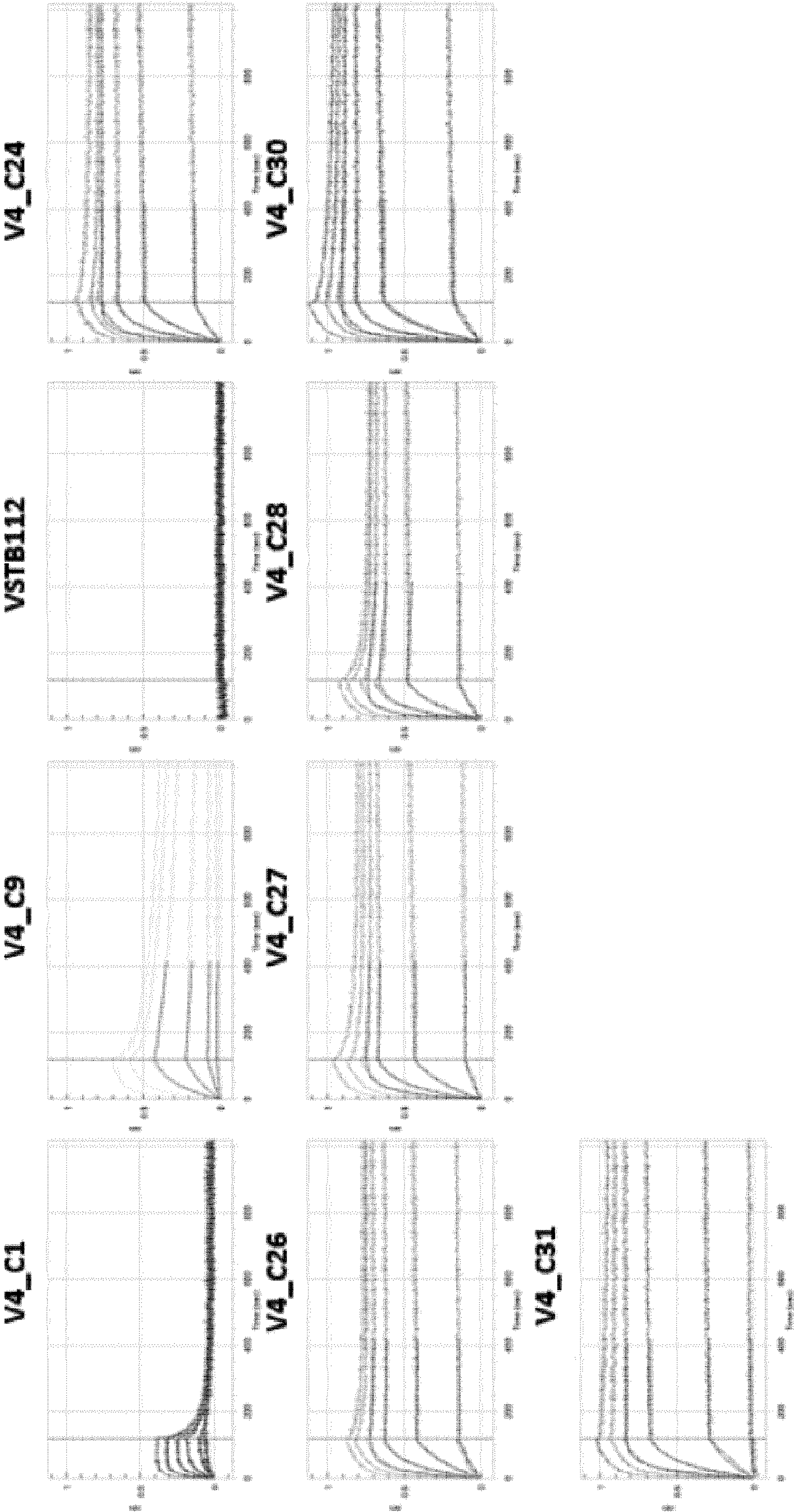


Figure 46A

Antibody	mouse VISTA		
	K_D (nM)	K_{on} ($M^{-1} s^{-1}$)	K_{off} (s^{-1})
V4_C1	66.7	3.30E+05	22.0E-03
V4_C9	4.26	1.57E+05	0.67E-03
VSTB112	NS	NS	NS
V4_C24	<0.001	4.62E+05	<1.0E-07
V4_C26	0.183	4.13E+05	0.076E-03
V4_C27	0.137	3.98E+05	0.055E-03
V4_C28	0.489	5.20E+05	0.25E-03
V4_C30	<0.001	5.33E+05	<1.0E-07
V4_C31	<0.001	3.44E+05	<1.0E-07

Figure 46B

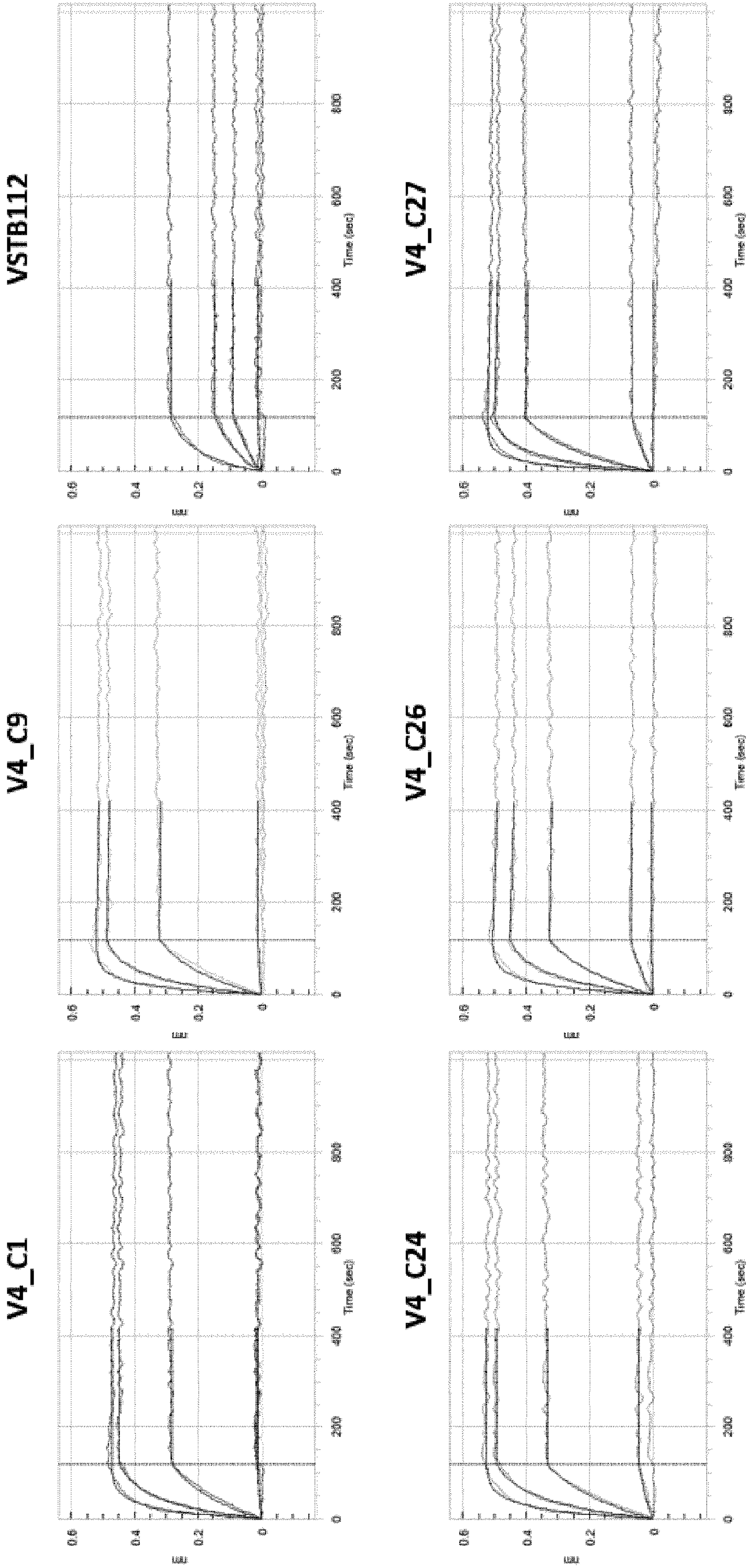


Figure 47A

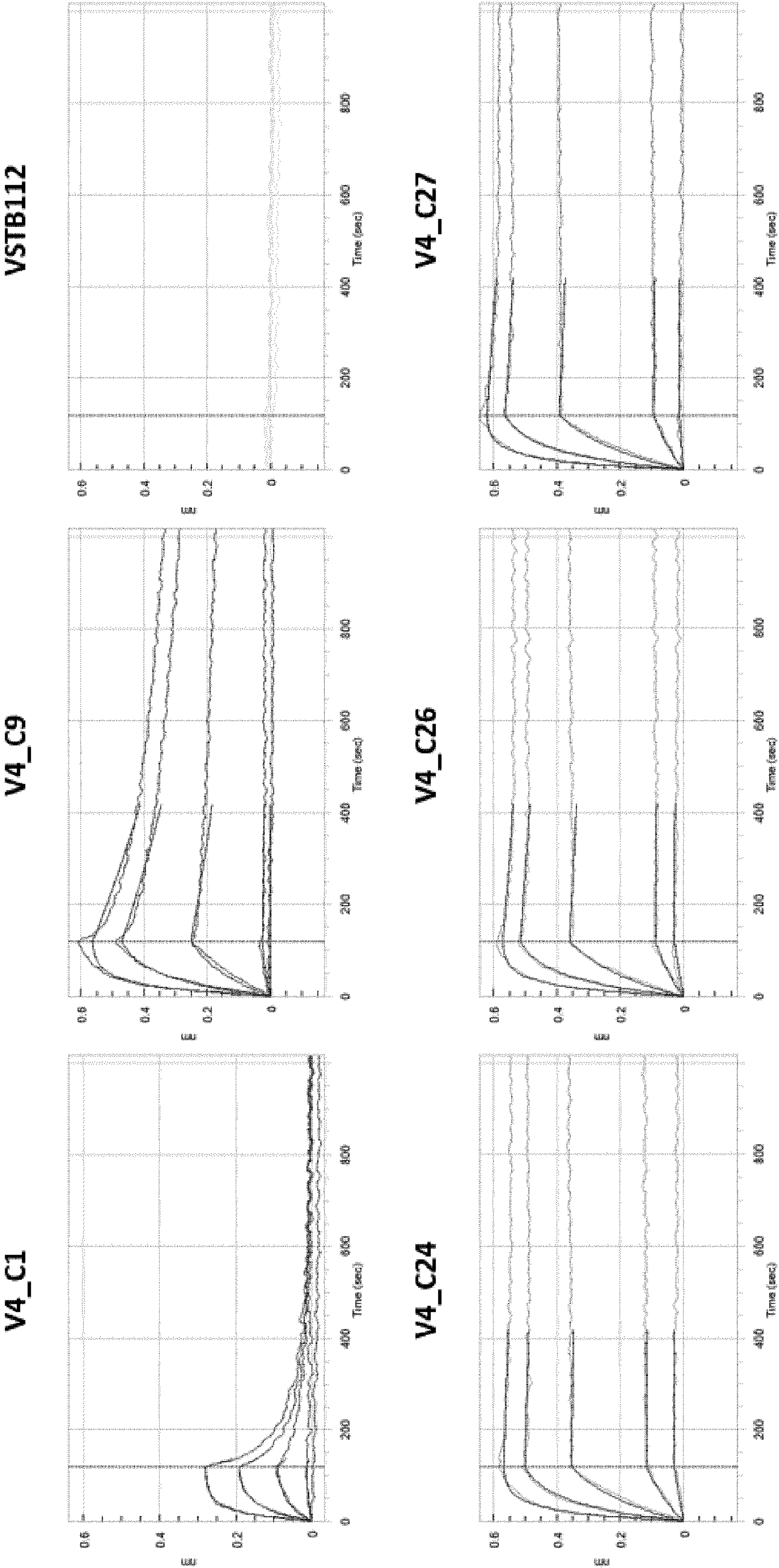


Figure 47B

Antibody	human VISTA			mouse VISTA		
	K _D (nM)	K _{on} (M ⁻¹ s ⁻¹)	K _{dis} (s ⁻¹)	K _D (nM)	K _{on} (M ⁻¹ s ⁻¹)	K _{dis} (s ⁻¹)
V4_C1	<0.001	3.91E+05	<1.0E-07	58.5	2.77E+05	16.2E-03
V4_C9	0.125	4.50E+05	0.056E-03	2.88	3.61E+05	1.04E-03
VSTB112	<0.001	1.79E+05	<1.0E-07	NA	NA	NA
V4_C24	<0.001	3.73E+05	<1.0E-07	0.202	3.78E+05	0.076E-03
V4_C26	0.241	4.07E+05	0.098E-03	0.530	3.82E+05	0.20E-03
V4_C27	0.119	5.11E+05	0.061E-03	0.395	3.92E+05	0.16E-03

Figure 47C

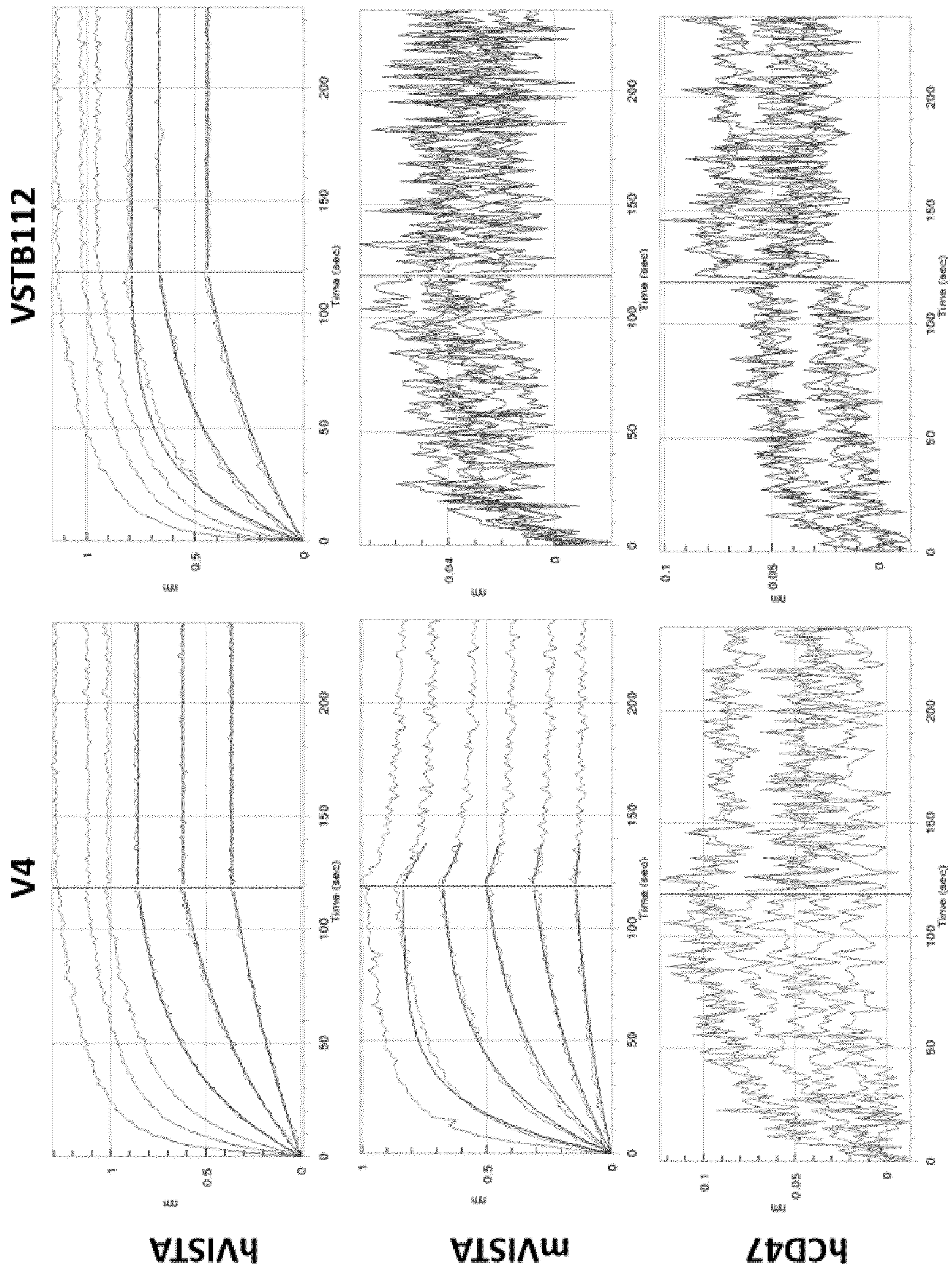


Figure 48A

	human VISTA			mouse VISTA		
Antibody	K _D (nM)	k _{on} (M ⁻¹ s ⁻¹)	k _{dis} (s ⁻¹)	K _D (nM)	k _{on} (M ⁻¹ s ⁻¹)	k _{dis} (s ⁻¹)
V4	<0.001	128e ³	<0.01e ⁻⁵	108	60.9e ³	656e ⁻⁵
VSTB112	<0.001	210e ³	<0.01e ⁻⁵	NS	NS	NS

Figure 48B

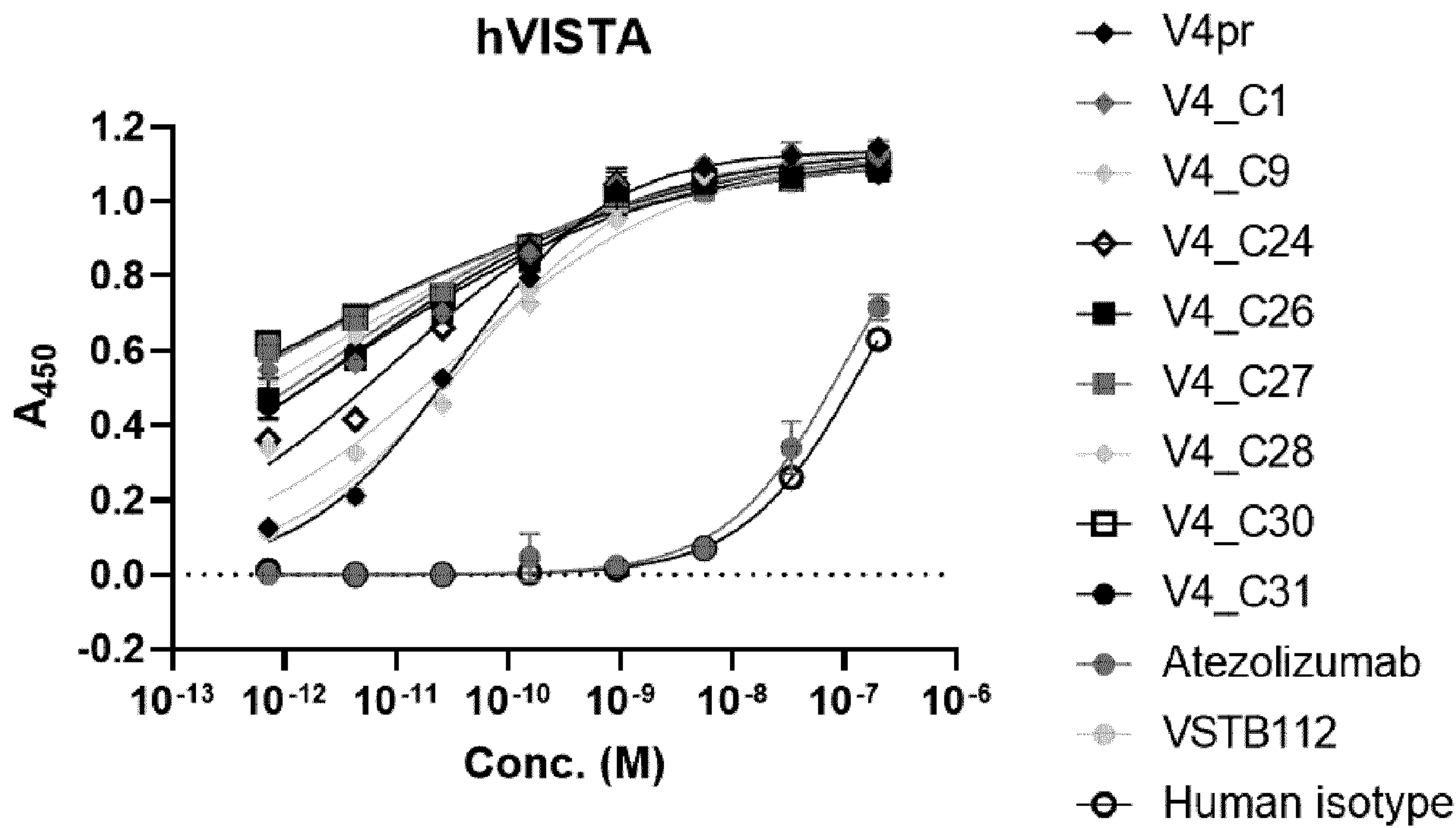


Figure 49A

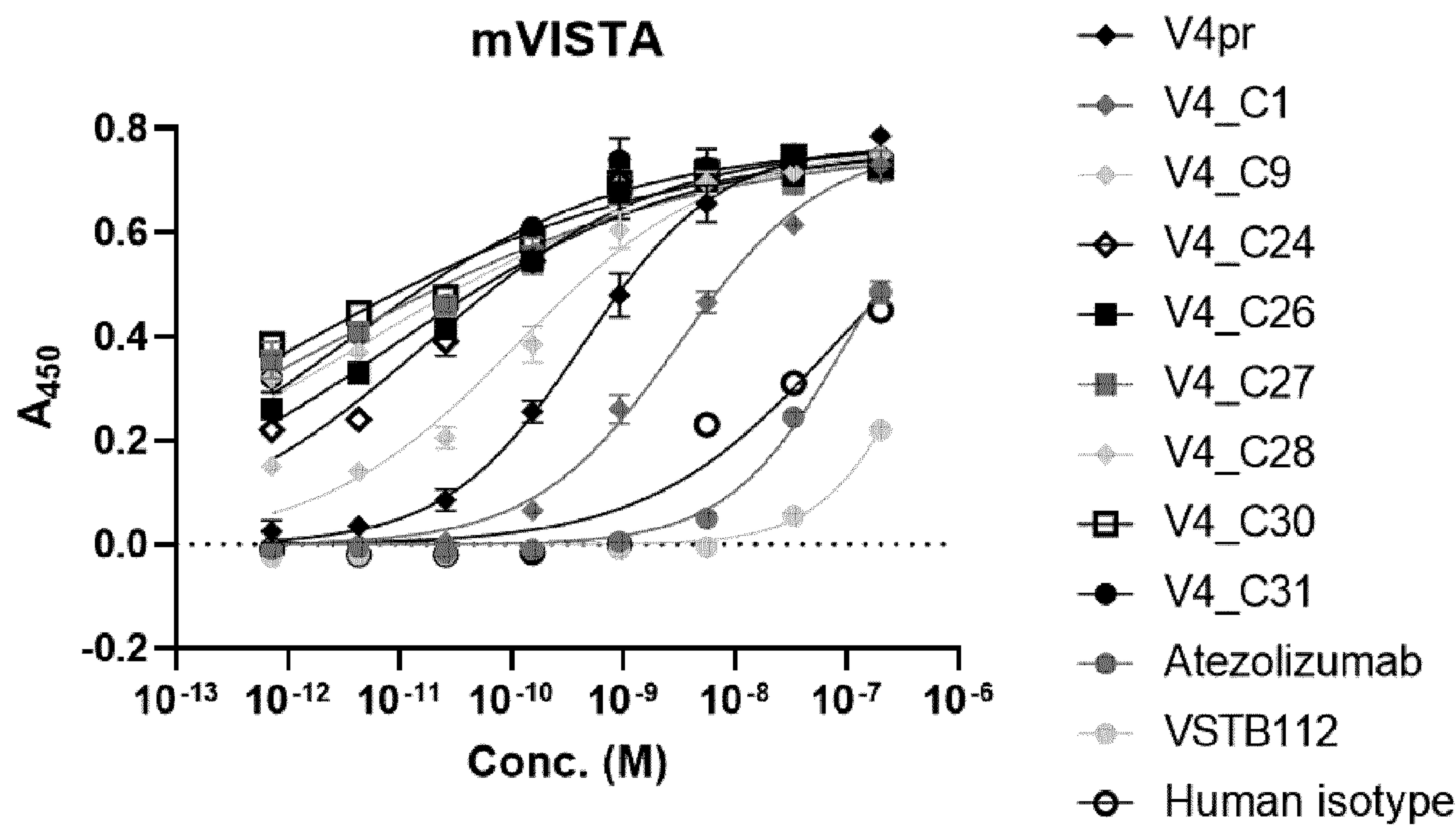


Figure 49B

	V4pr	V4_C1	V4_C9	V4_C24	V4_C26	V4_C27	V4_C28	V4_C30	V4_C31	ATZ	VSTB112	Isotype
hVISTA	0.036	0.0024	0.031	0.010	0.0034	<0.0007	0.0015	<0.0007	0.0032	102	0.042	152
mVISTA	0.43	3.1	0.11	0.017	0.0089	0.0023	0.0045	0.0013	0.0030	97	>200	77

Figure 49C

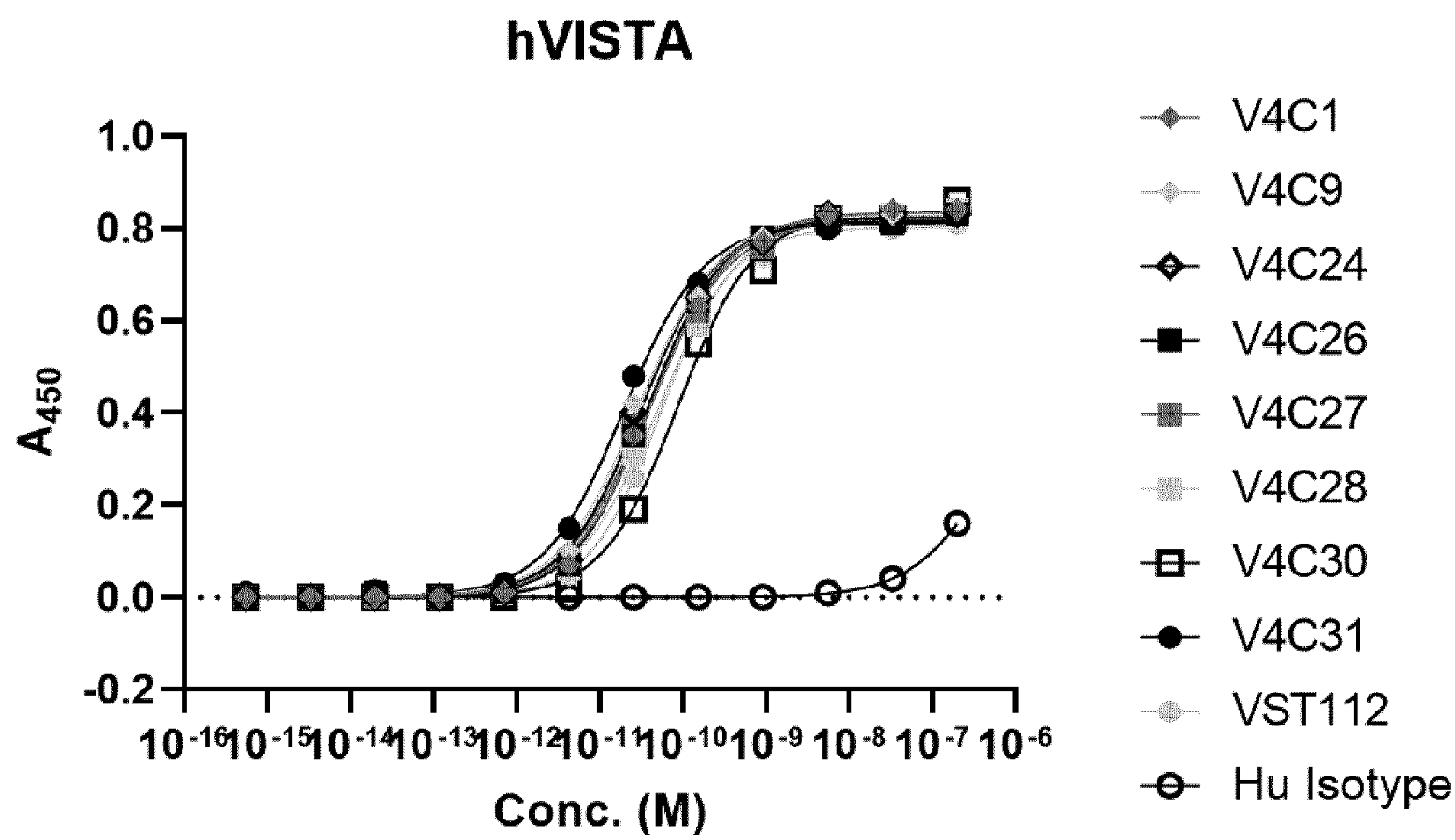


Figure 50A

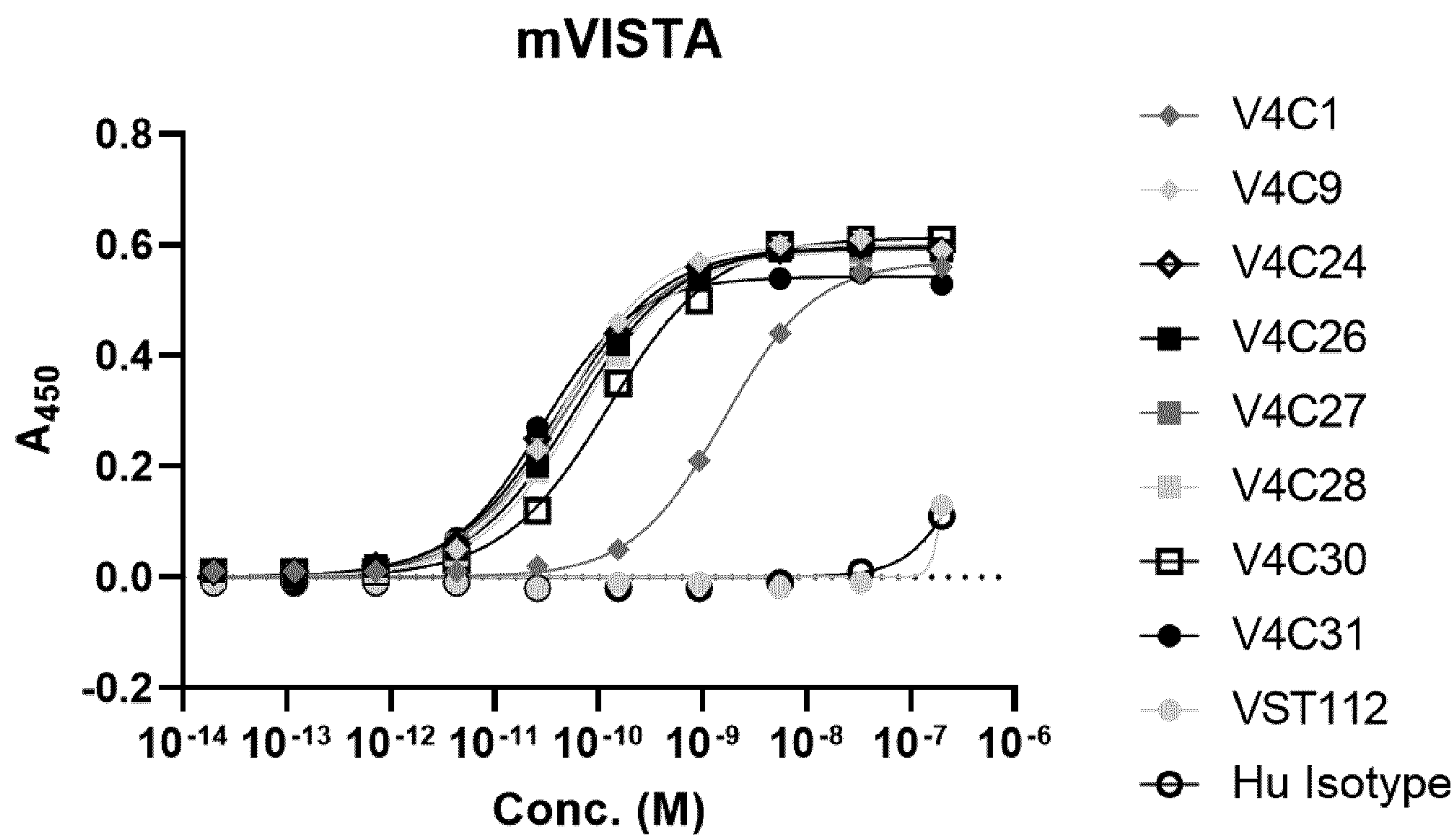


Figure 50B

	V4_C1	V4_C9	V4_C24	V4_C26	V4_C27	V4_C28	V4_C30	V4_C31	VSTB112	Isotype
hVISTA	0.042	0.030	0.032	0.038	0.037	0.053	0.088	0.020	0.054	> 200
mVISTA	1.60	0.044	0.042	0.058	0.047	0.064	0.123	0.028	> 200	> 200

Figure 50C

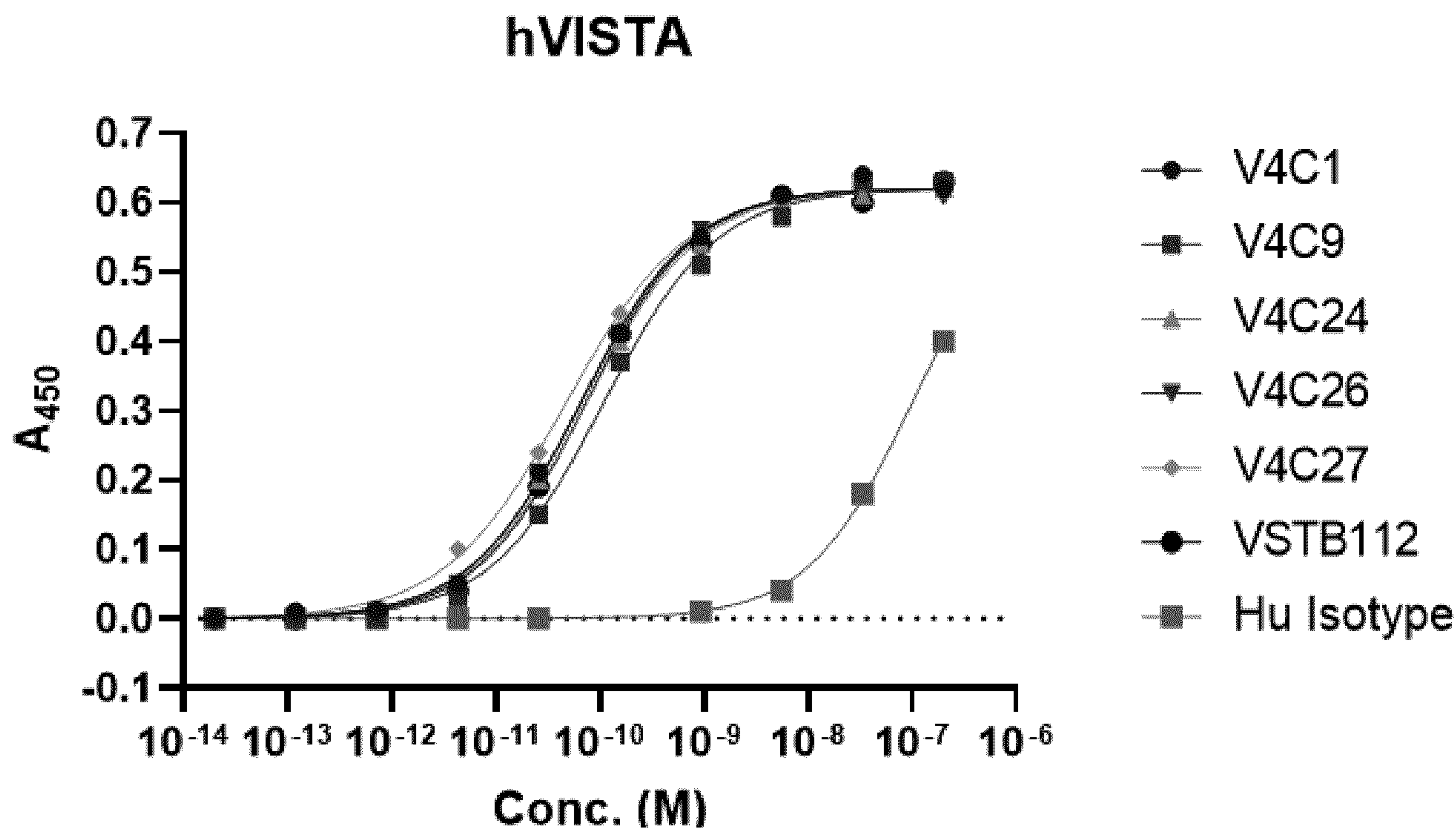


Figure 51A

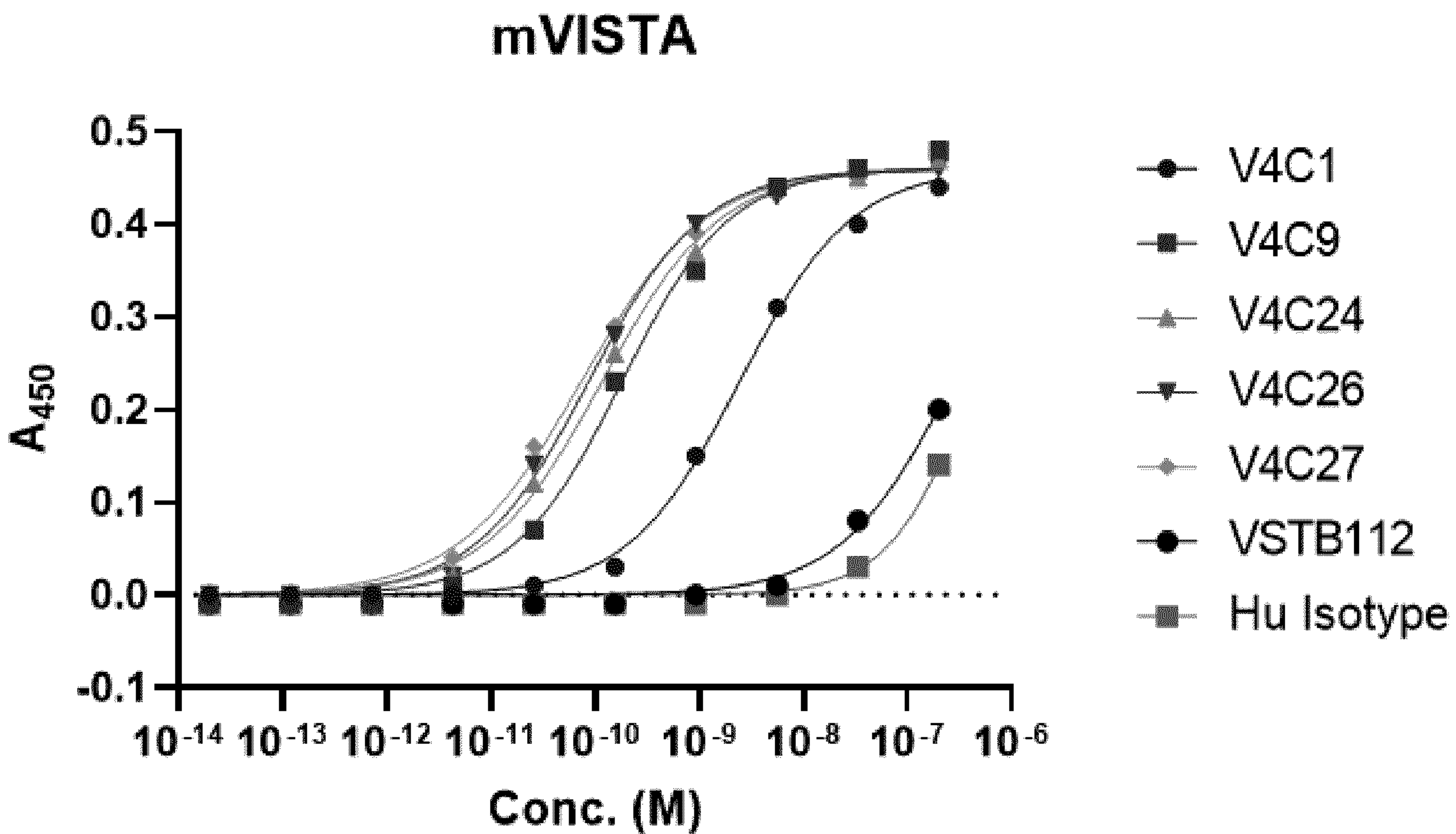


Figure 51B

	V4C24	V4C26	V4C27	V4C1	V4C9	VSTB112	Hu Isotype
hVISTA	0.073	0.064	0.047	0.065	0.107	0.072	98.5
mVISTA	0.116	0.086	0.073	2.44	0.180	>200	>200

Figure 51C

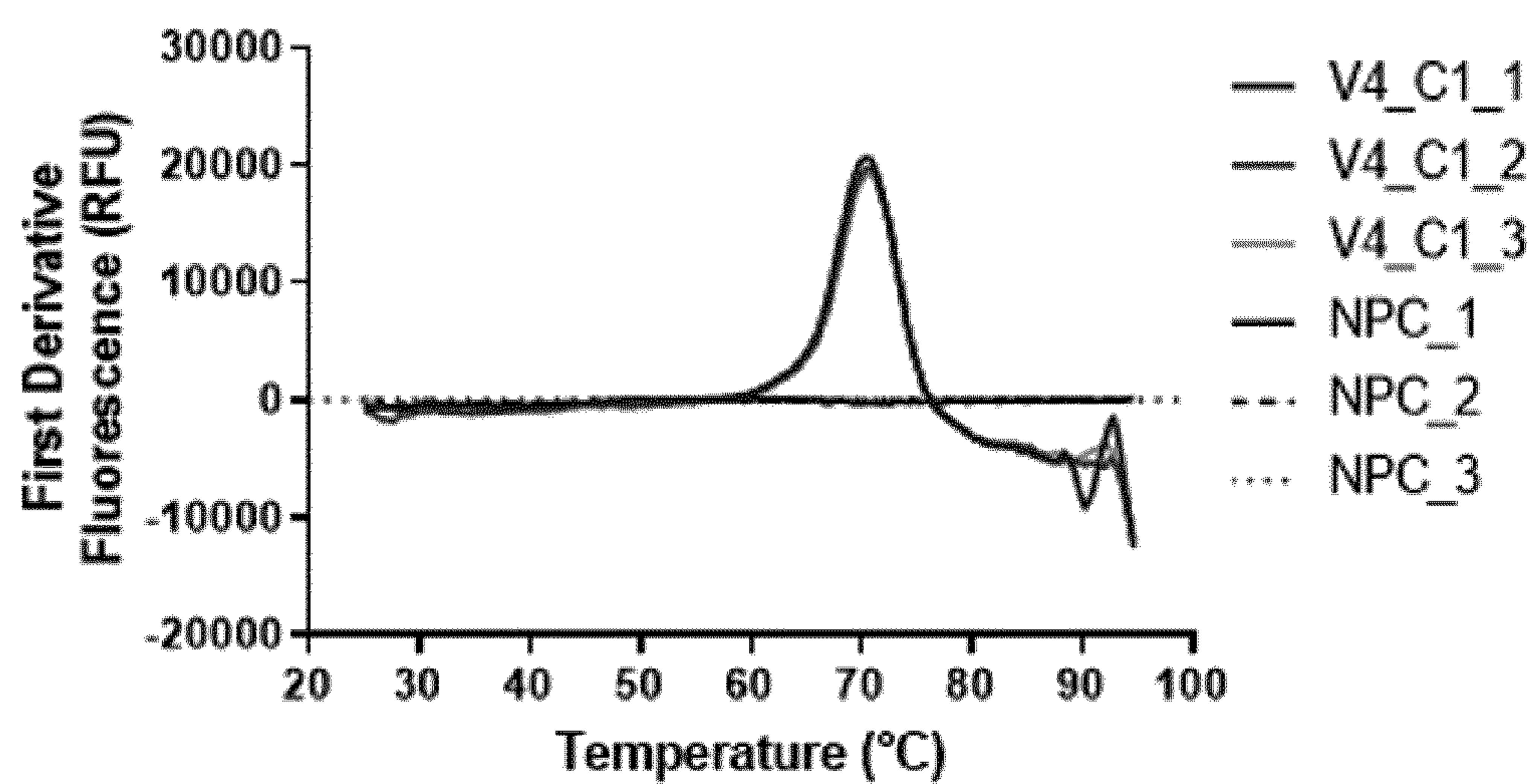


Figure 52A

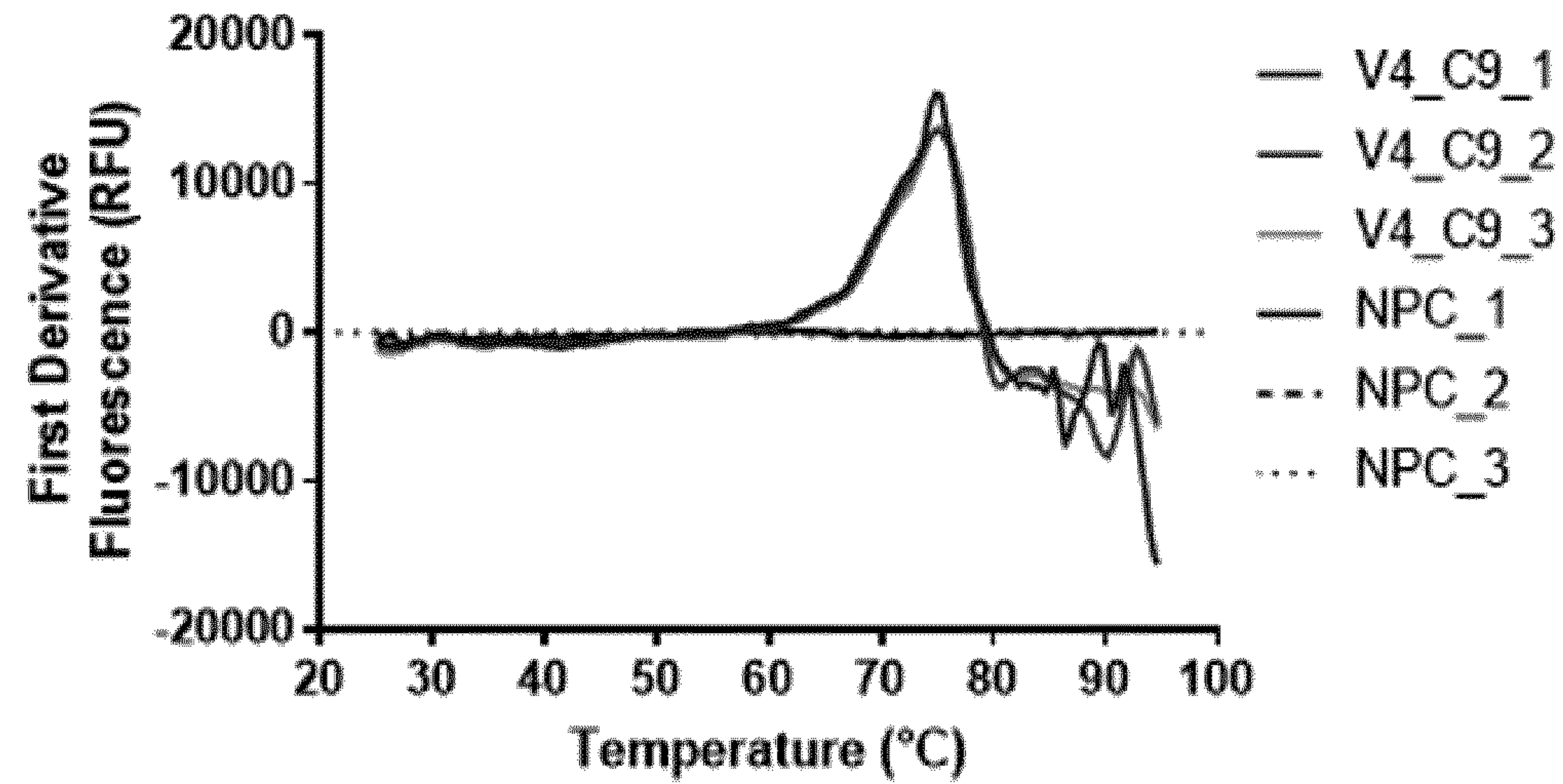


Figure 52B

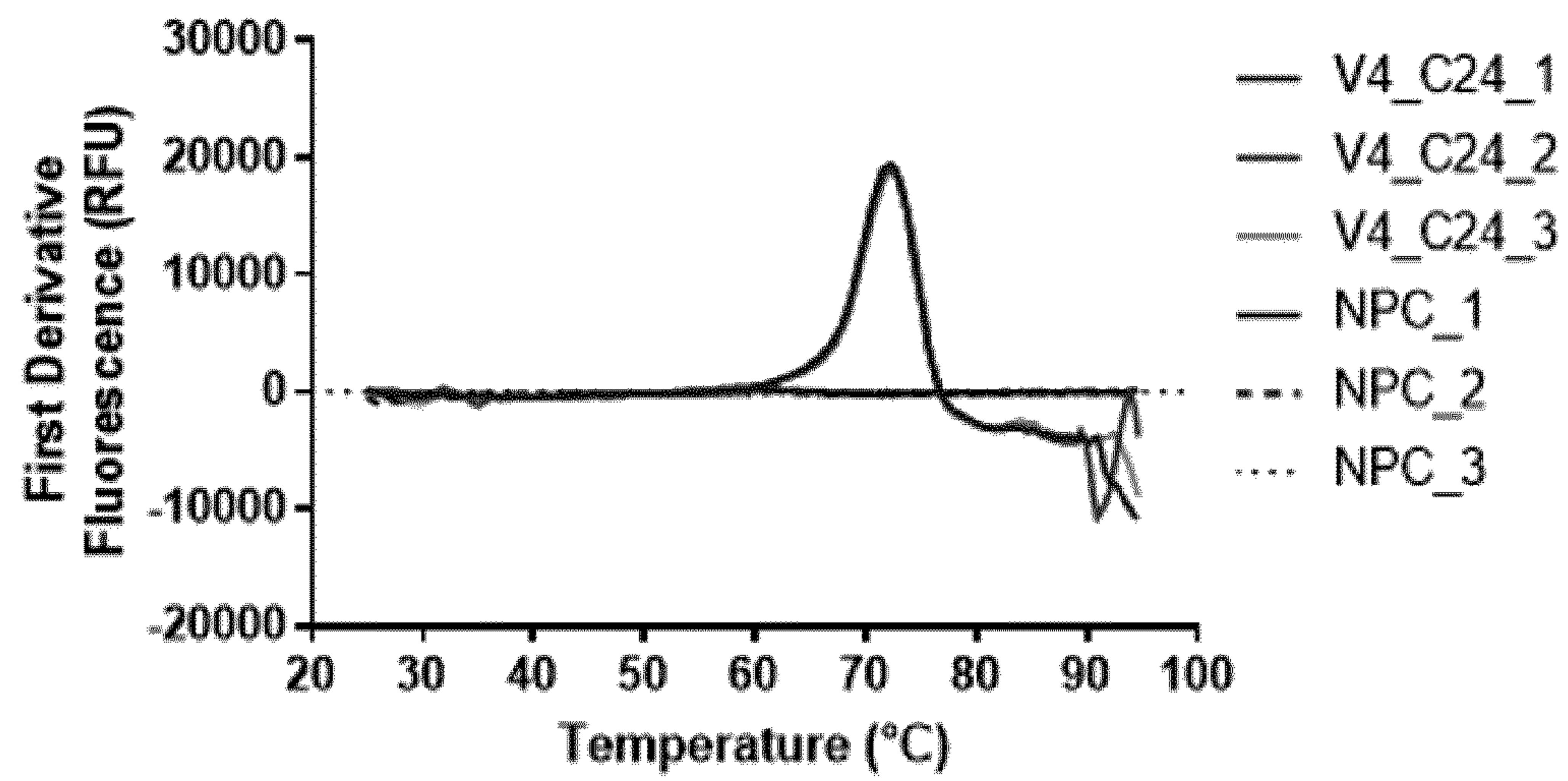


Figure 52C

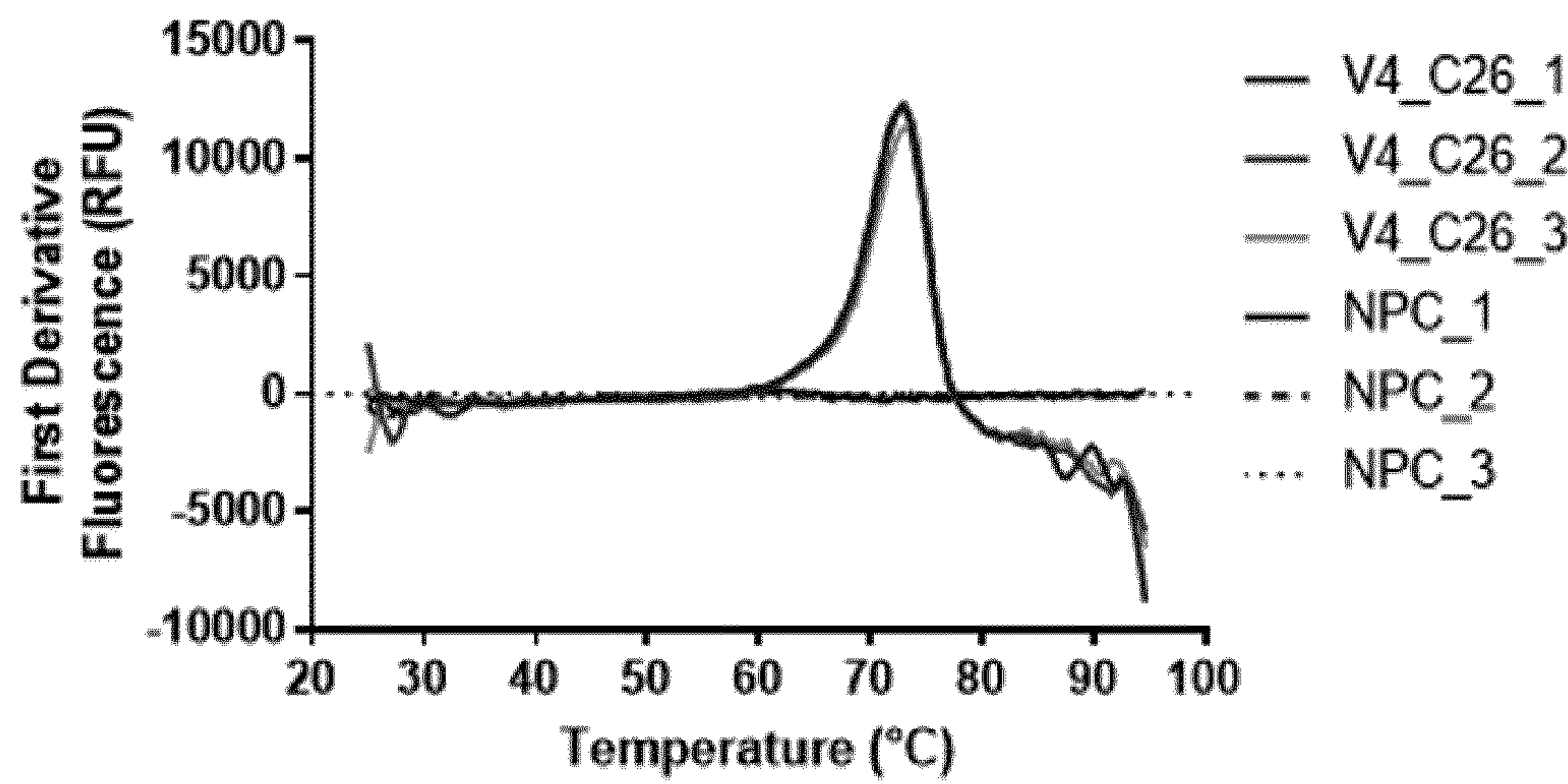


Figure 52D

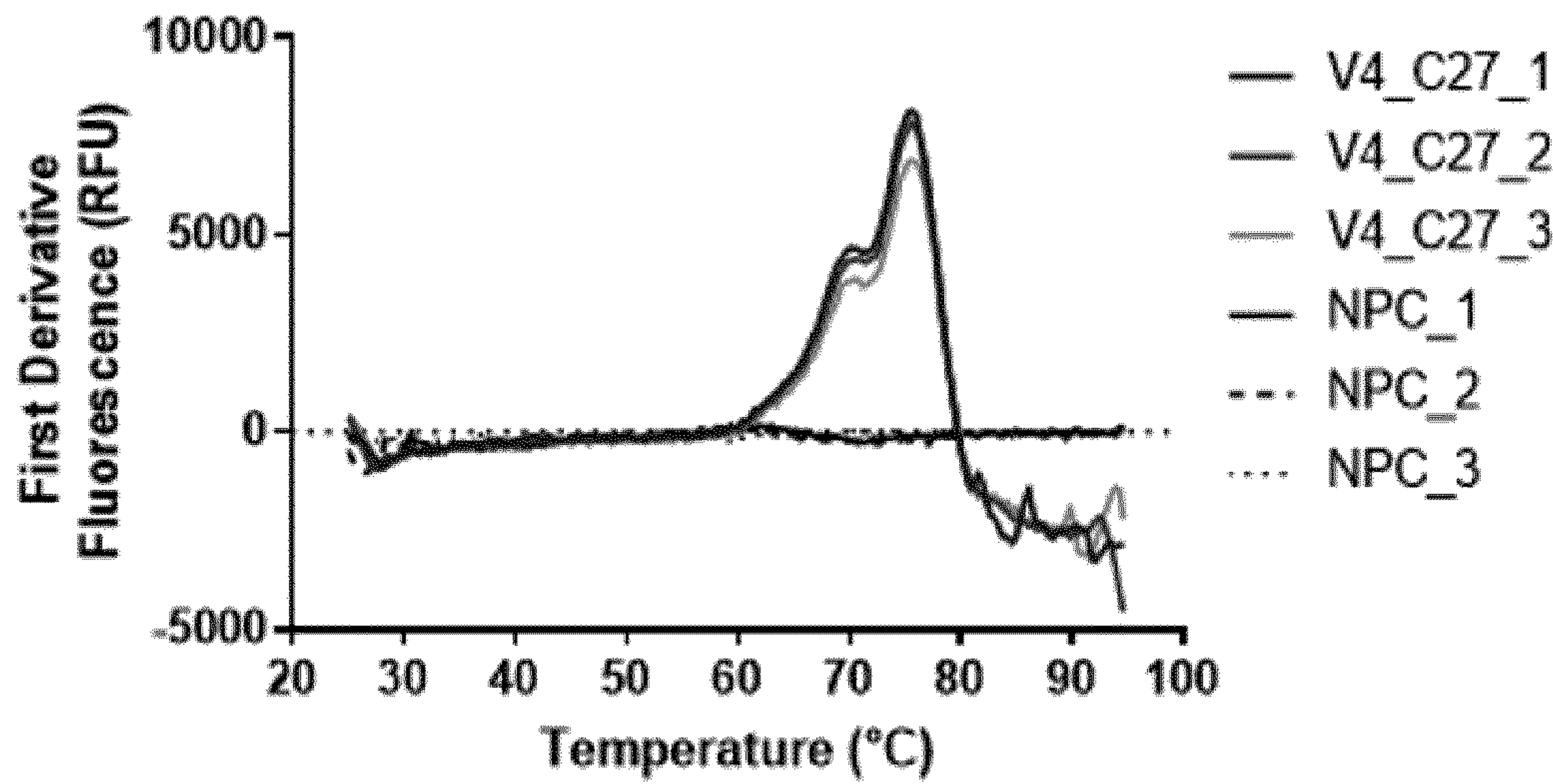


Figure 52E

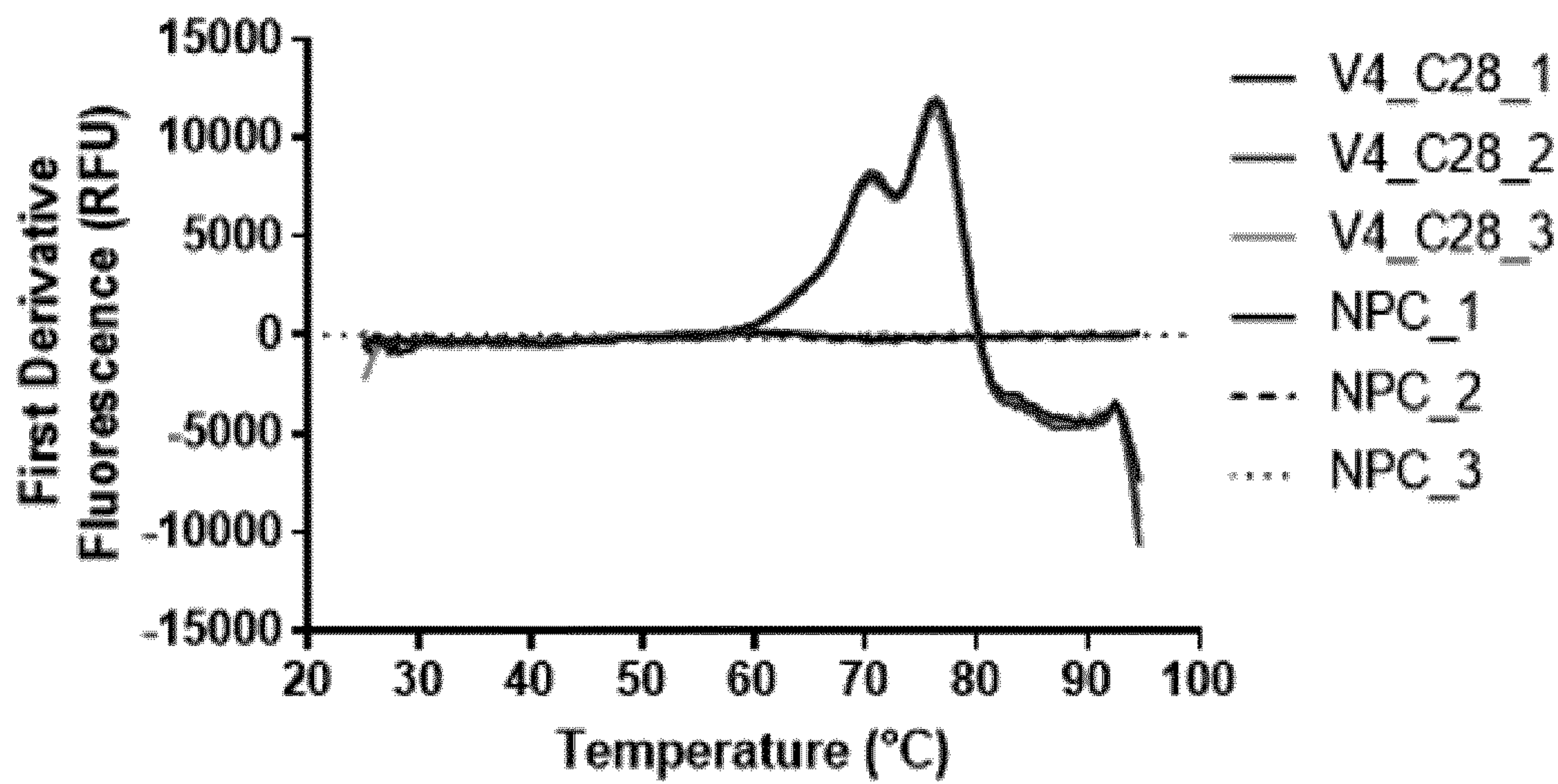


Figure 52F

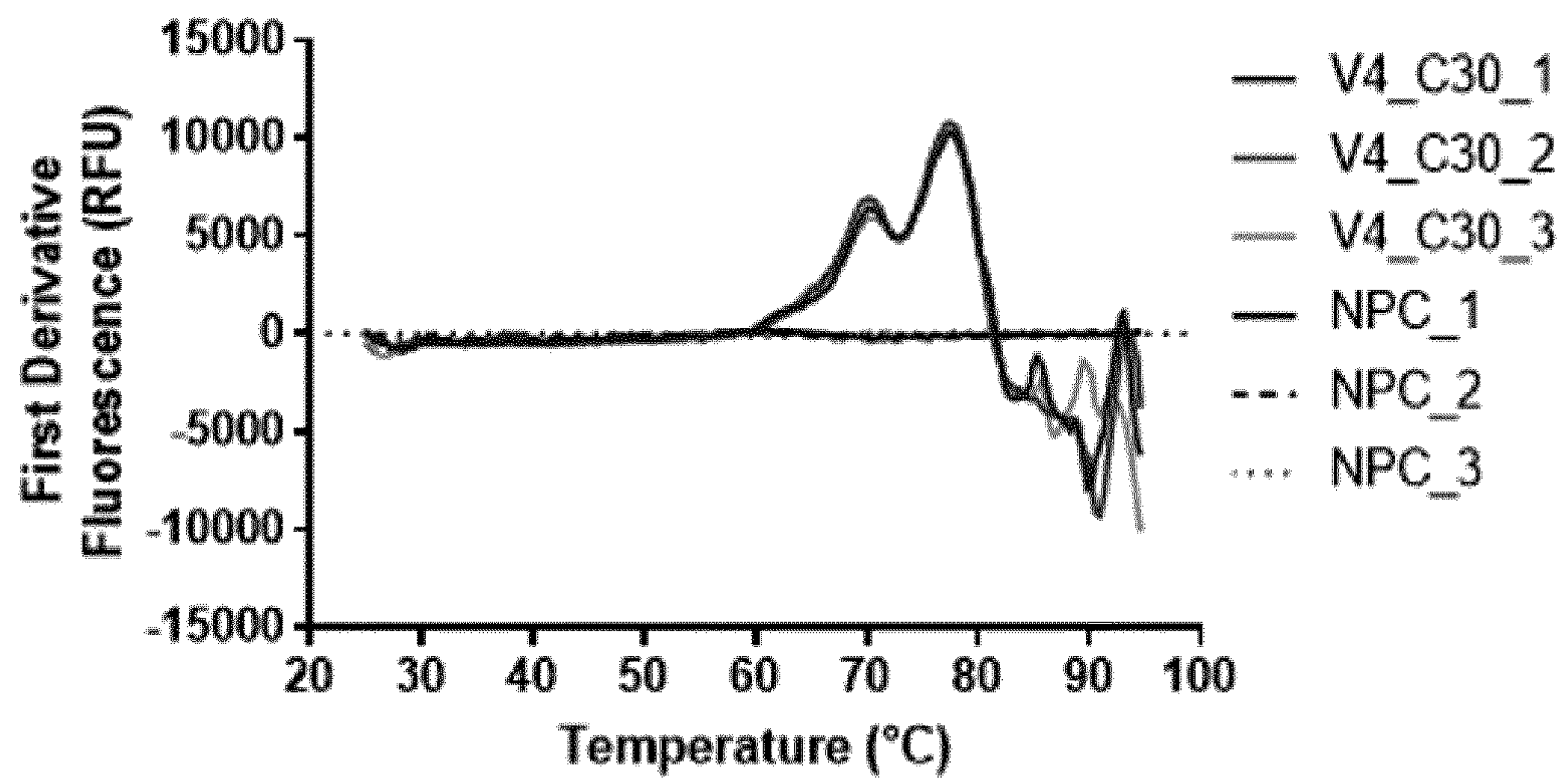


Figure 52G

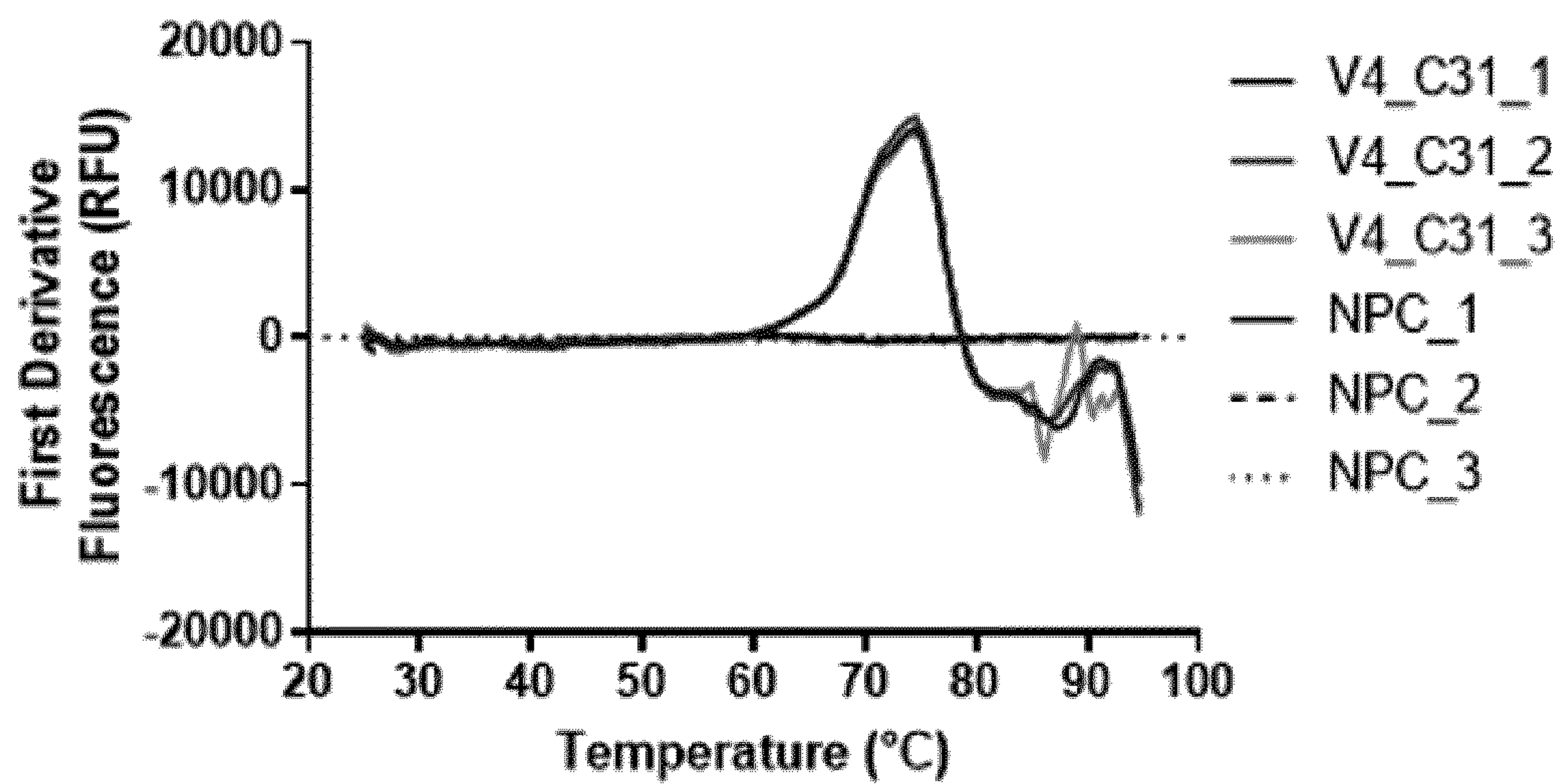


Figure 52H

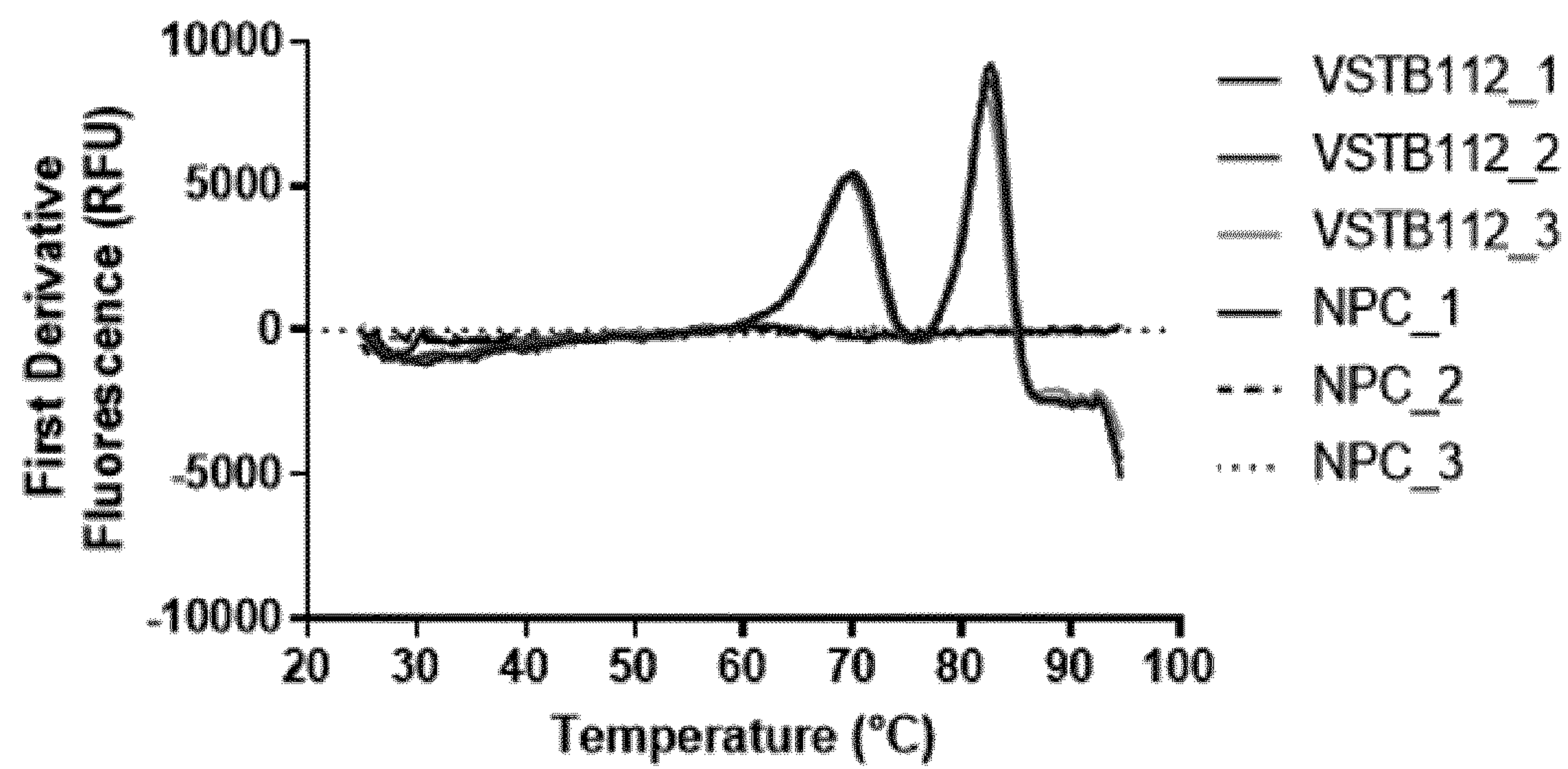


Figure 52I

Antibody	Tm		
	Fc	Fab	Shoulder
	Tm1 (°C)	Tm2 (°C)	
V4p	67.5		Shoulder at 63
V4_C1	70.5		
V4_C9	75.1		Shoulder at 72C
V4_C24	72.3		
V4_C26	72.9		
V4_C27	70.3	75.6	
V4_C28	70.5	76.3	
V4_C30	70.2	77.5	
V4_C31	74.5		Shoulder at 71.5C
VSTB112	69.9	82.3	

Figure 52J

Antibody	% identity (human)		Potentially Immunogenic peptides	
	HC	LC	HC	LC
V4	69.7	63.2	2	3
V4_C1	86.9	85.3	6	3
V4_C9	86.9	86.3	4	3
V4_C24	85.9	85.3	2	3
V4_C26	85.9	85.3	2	2
V4_C27	85.9	85.3	2	3
V4_C28	85.9	85.3	2	3
V4_C30	85.9	84.2	2	3
V4_C31	85.9	83.2	2	2

Figure 53

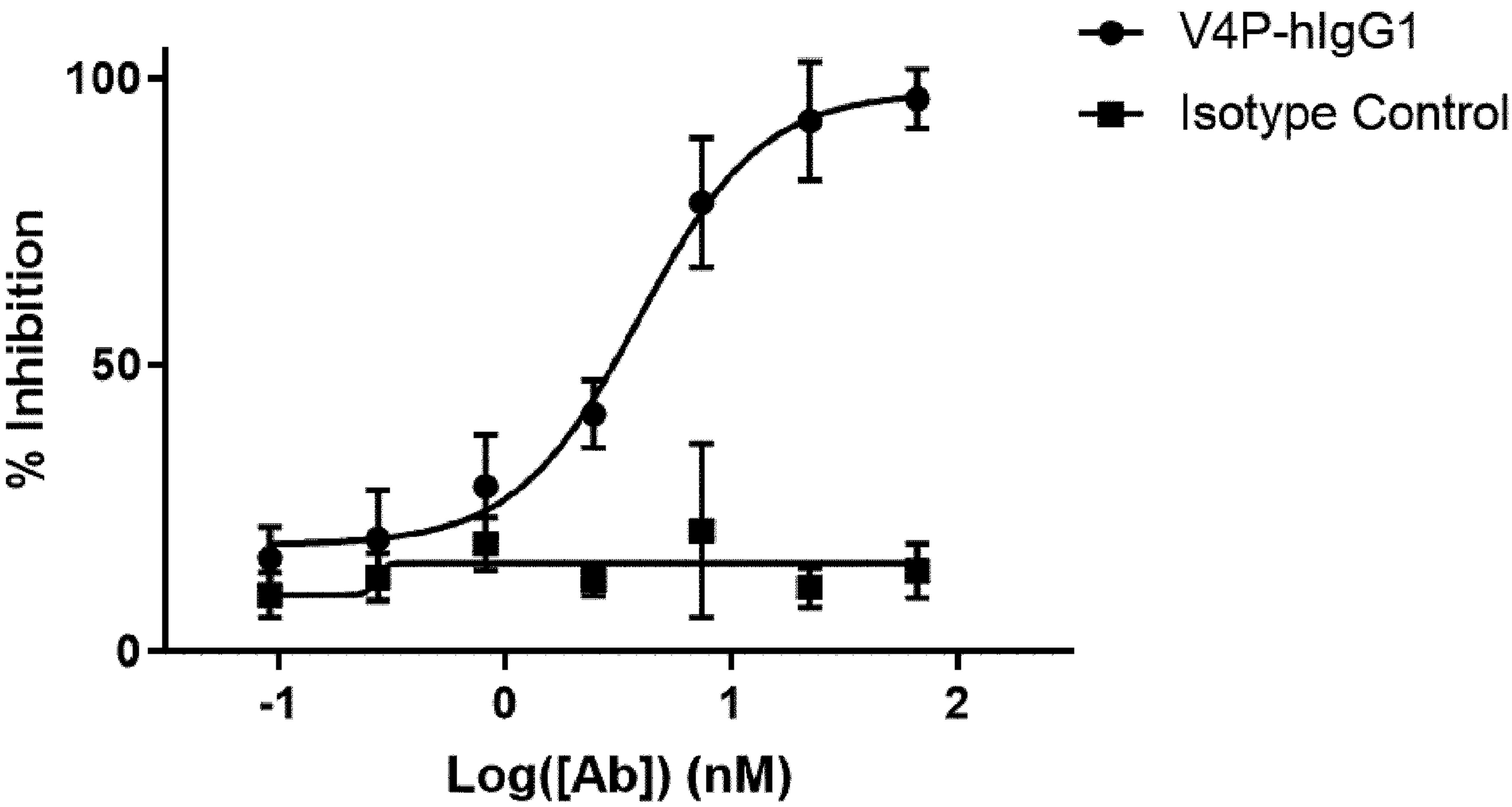


Figure 54

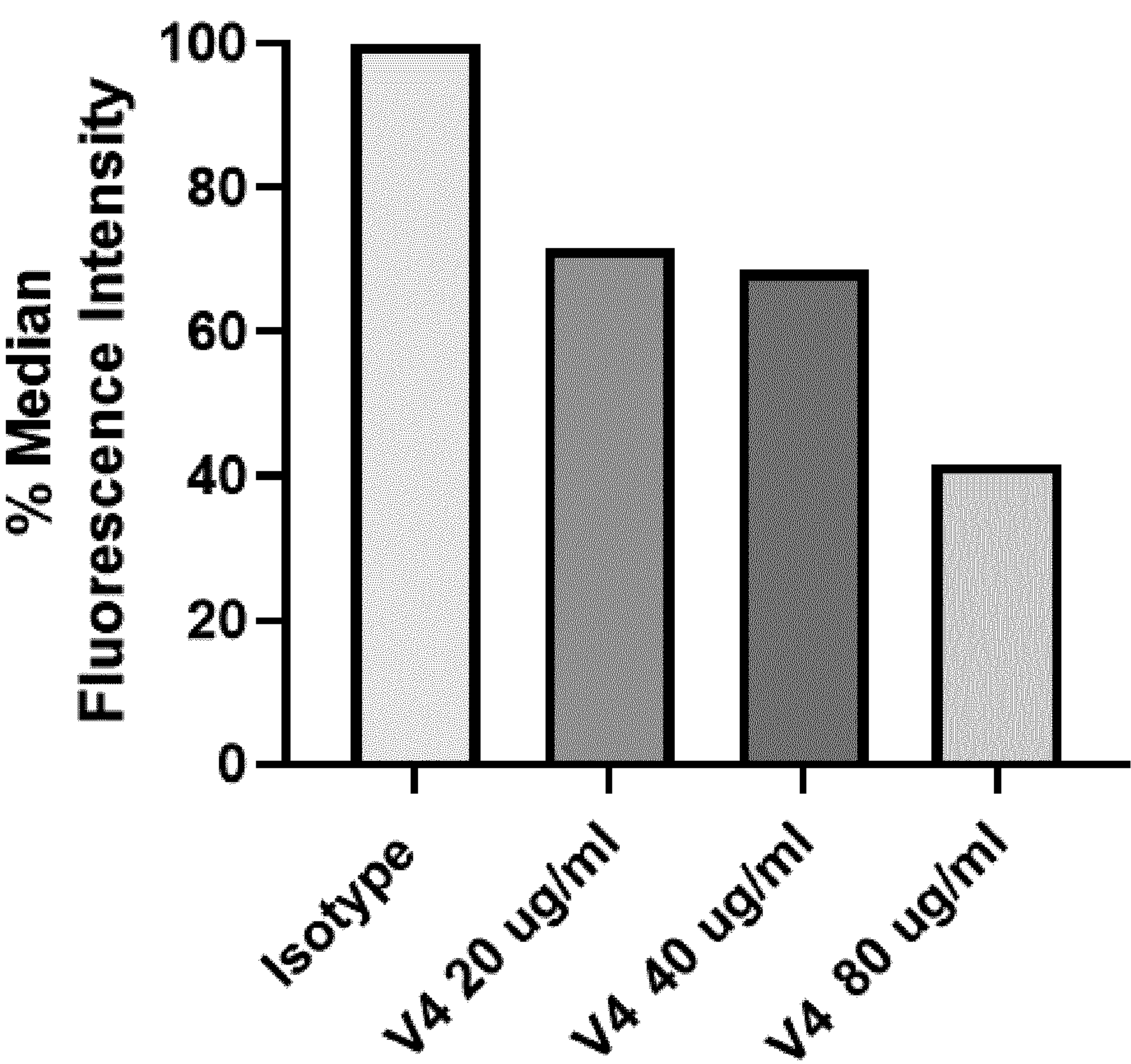


Figure 55

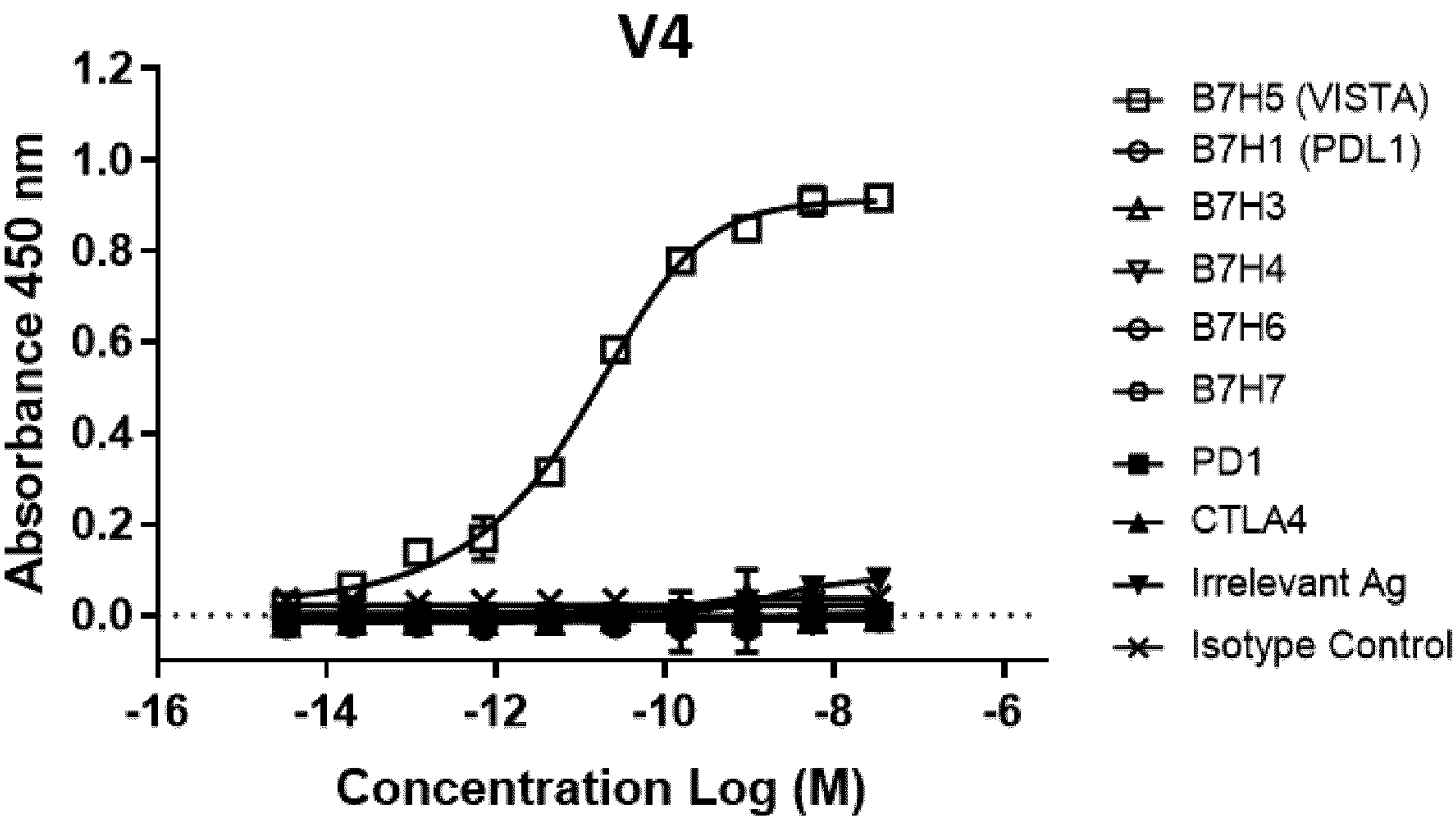


Figure 56A

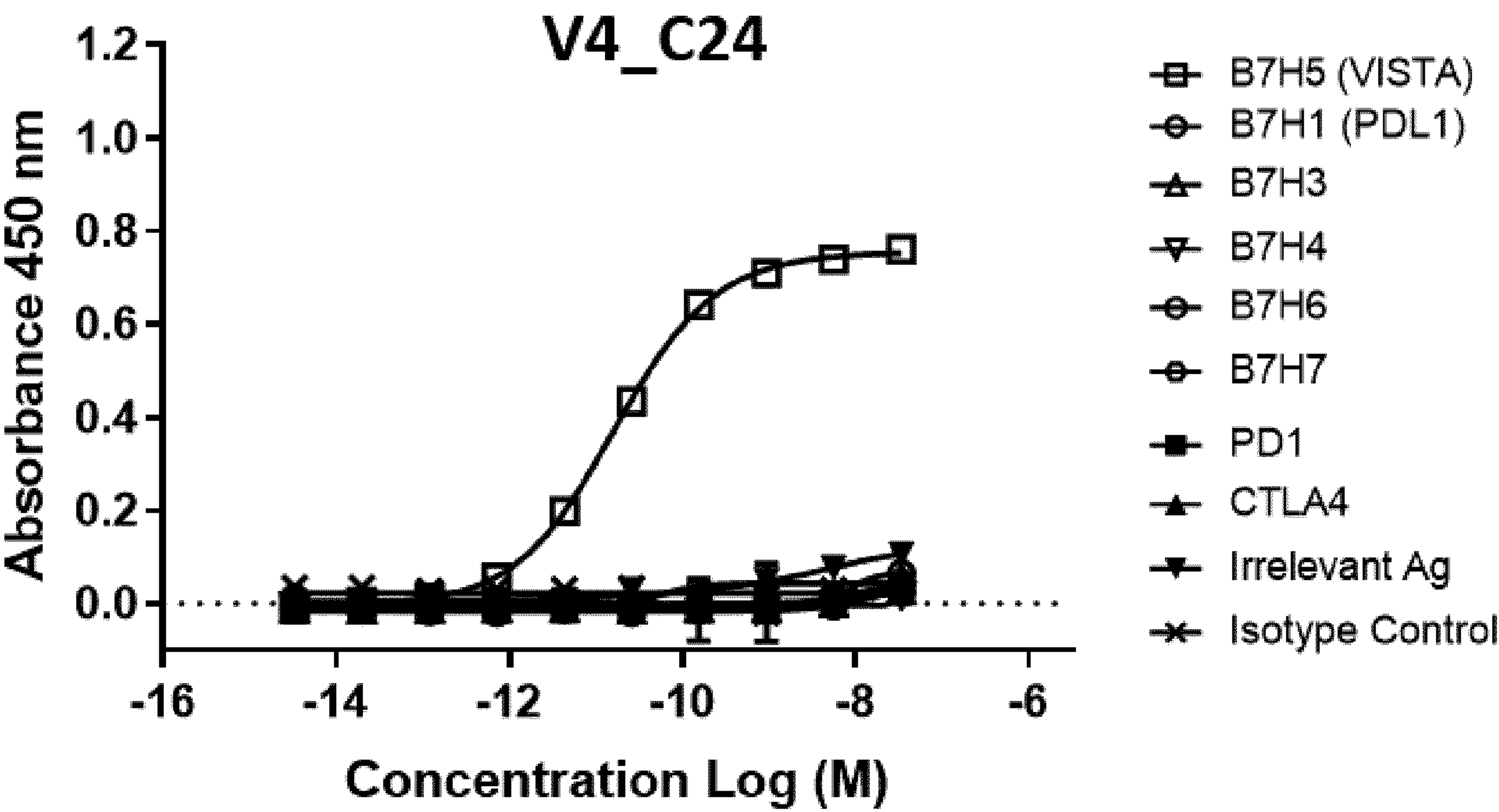


Figure 56B

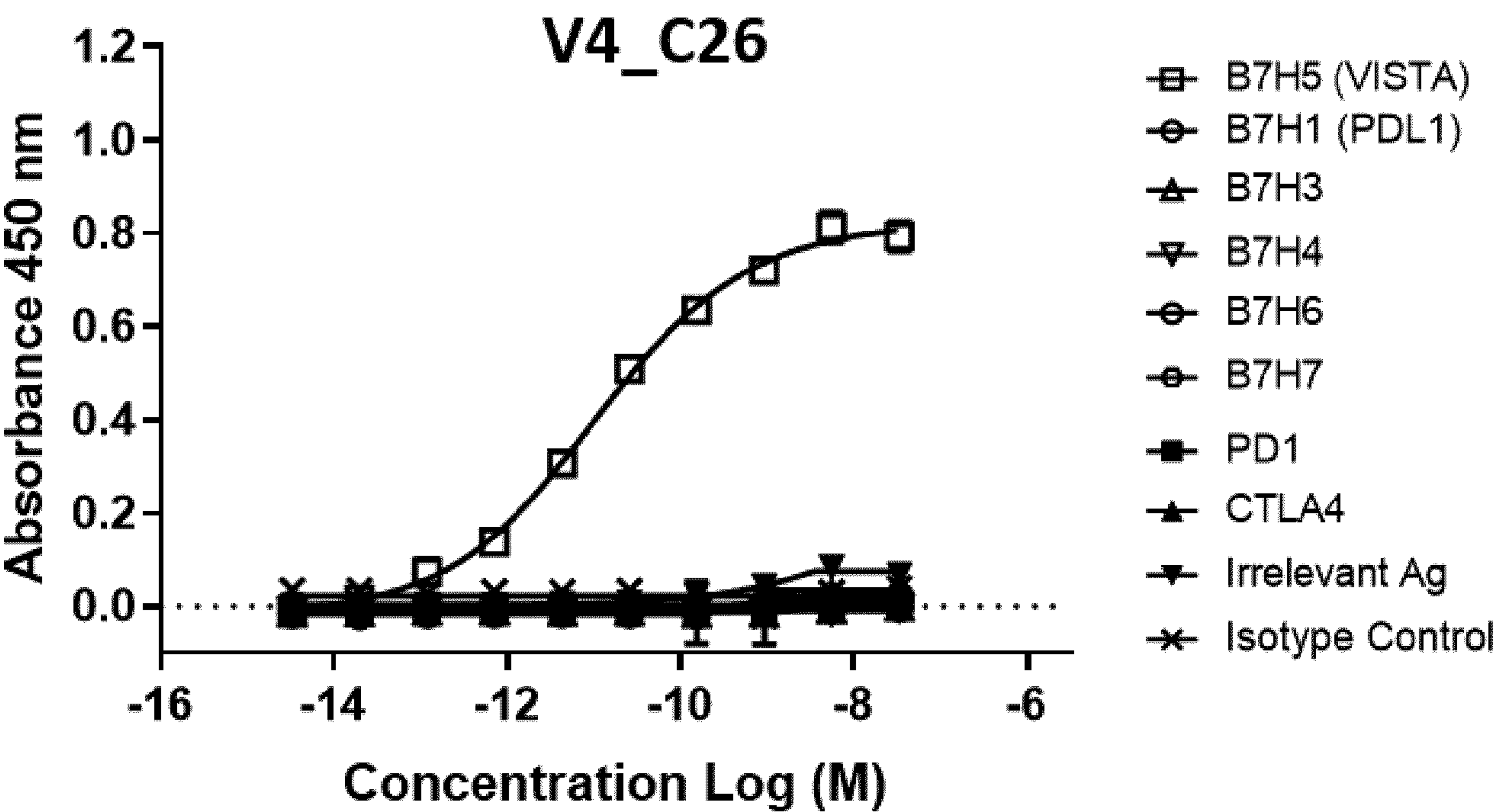


Figure 56C

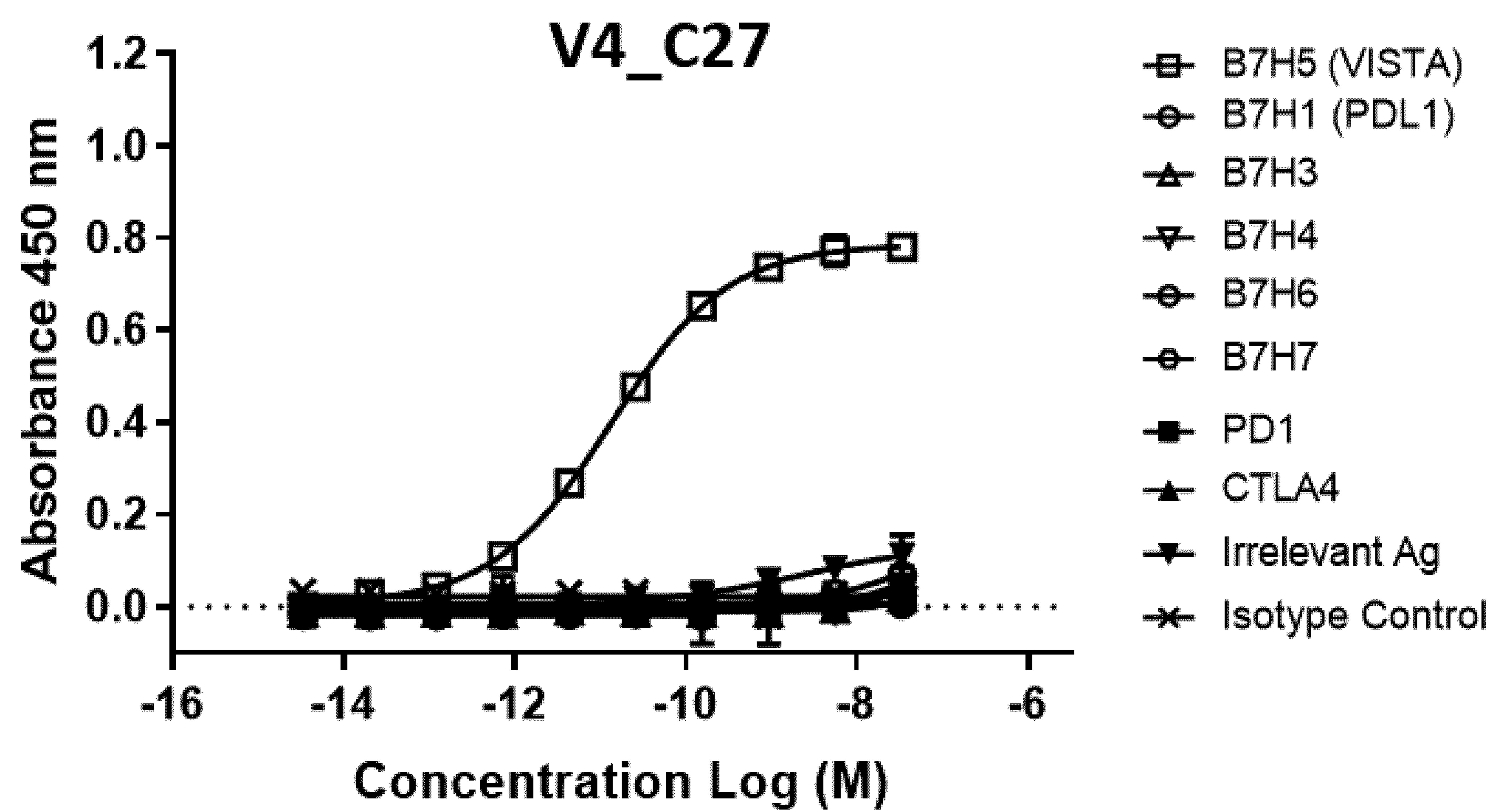


Figure 56D

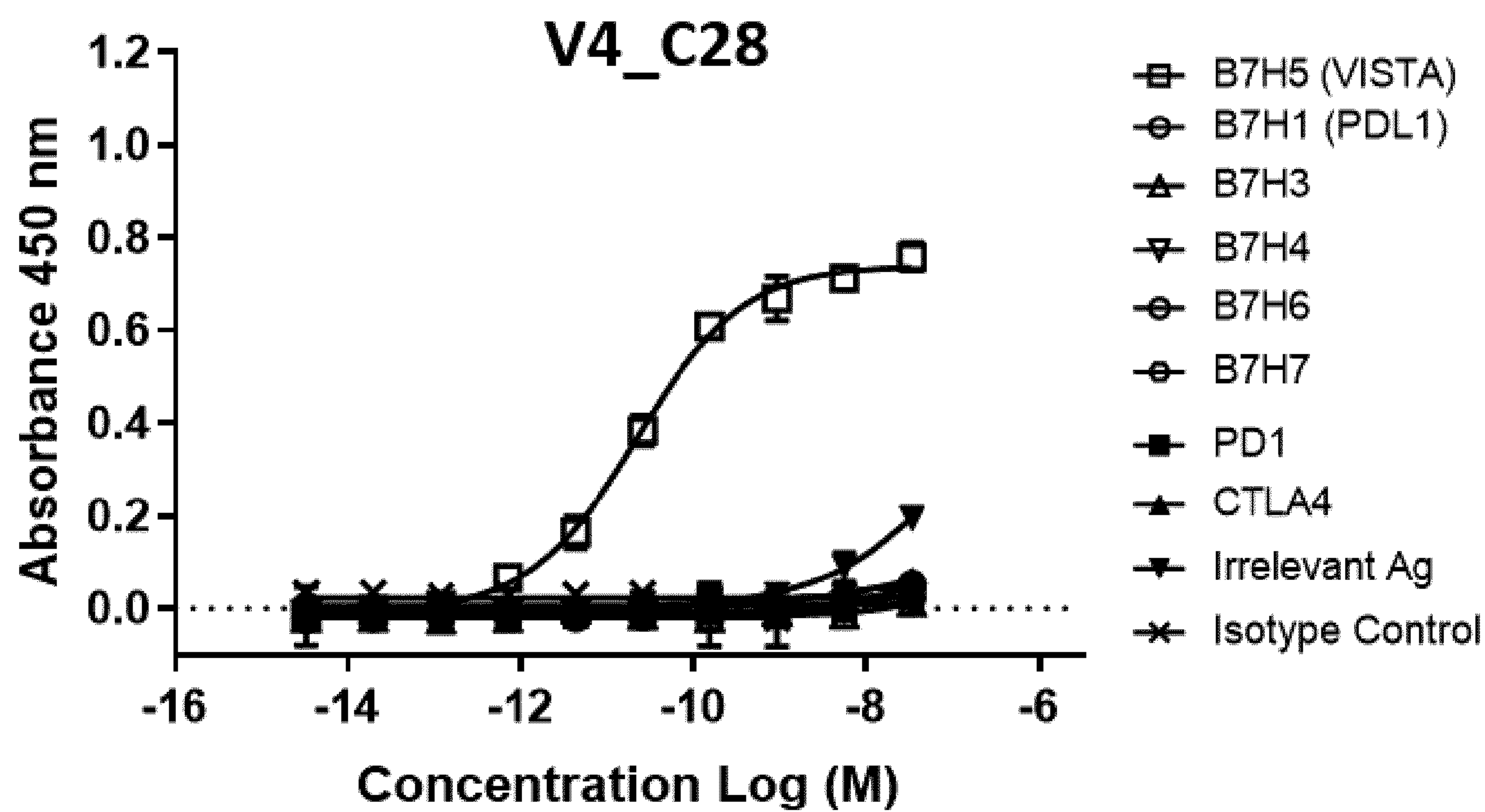


Figure 56E

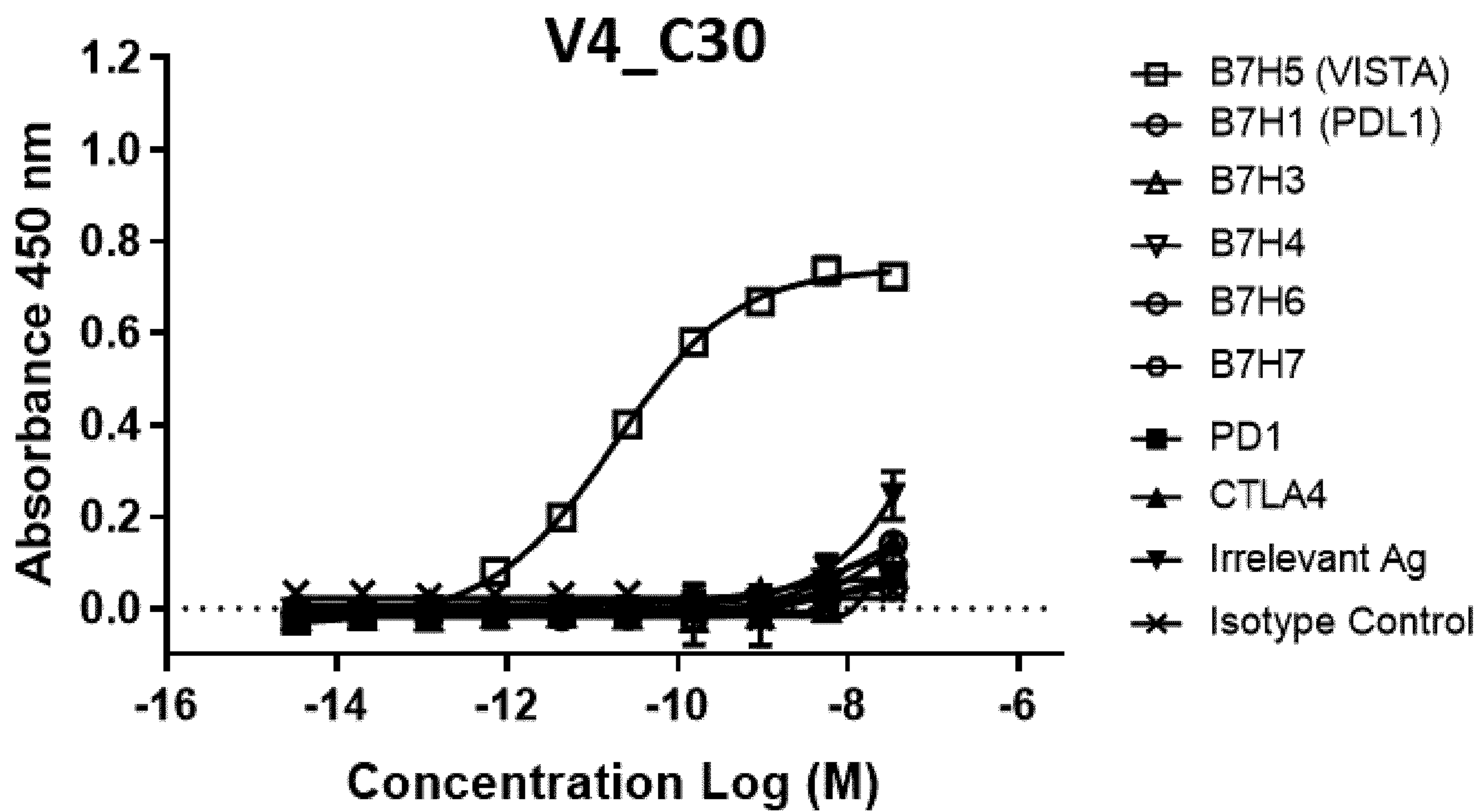


Figure 56F

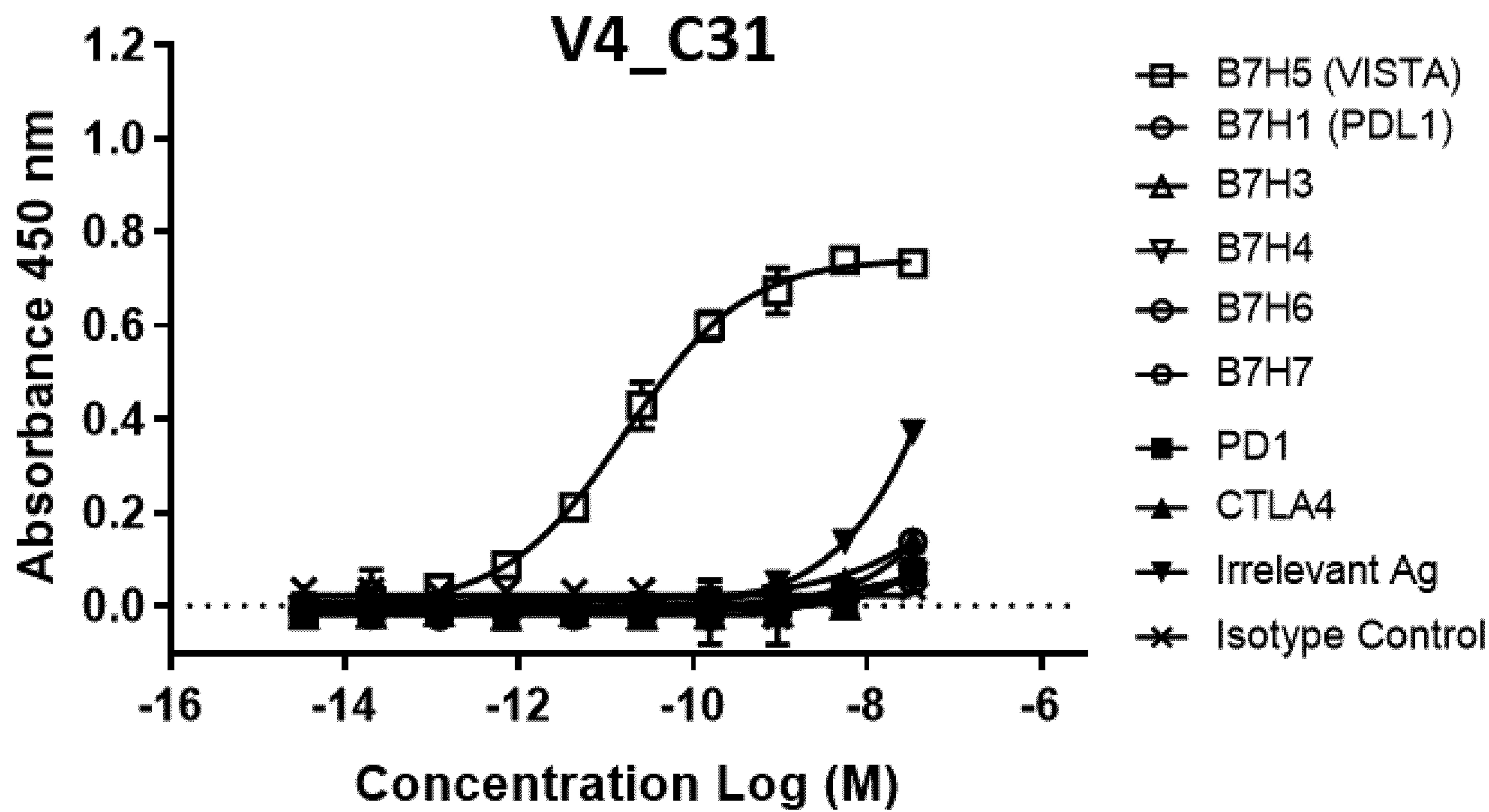


Figure 56G

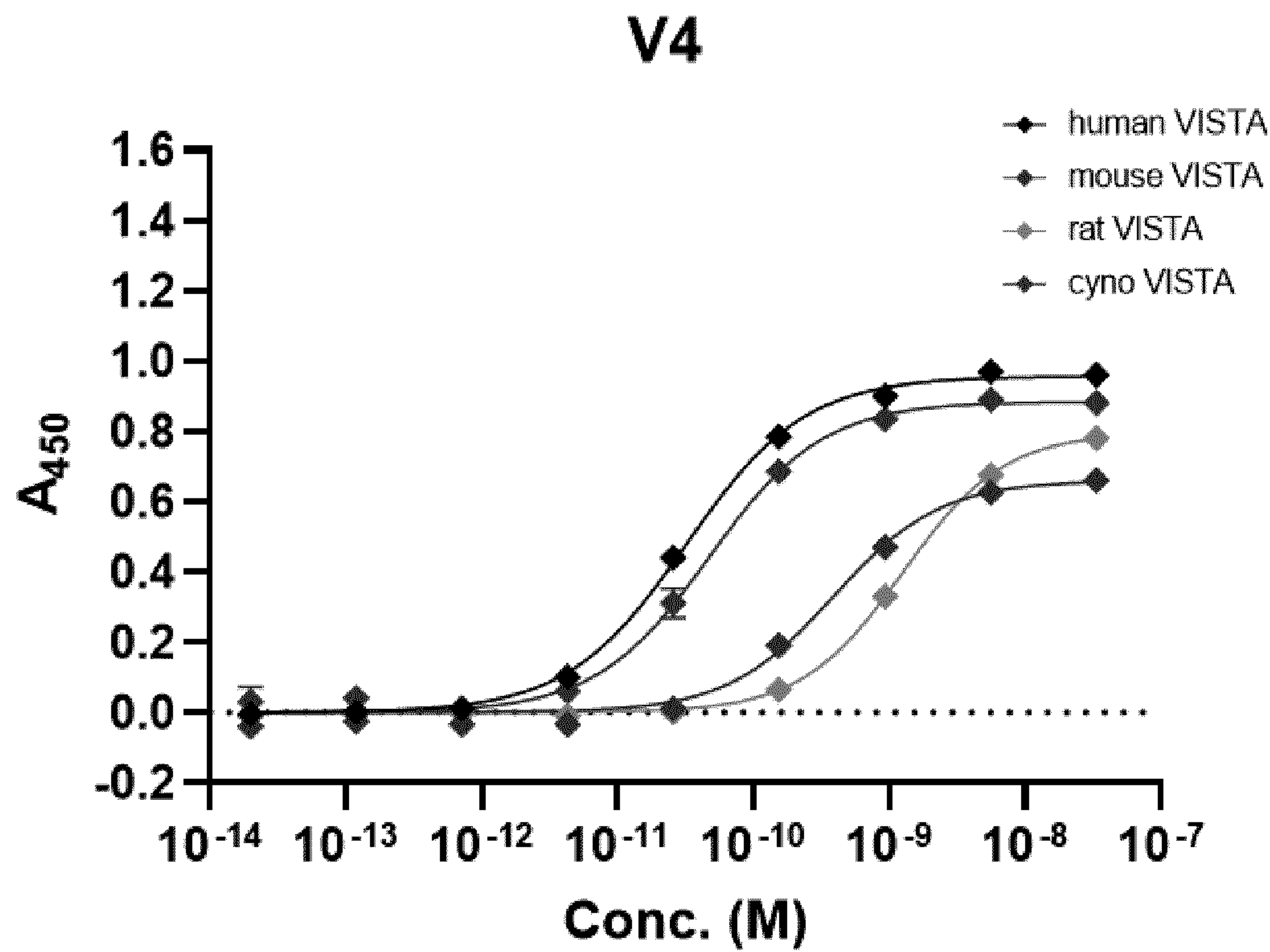


Figure 57A

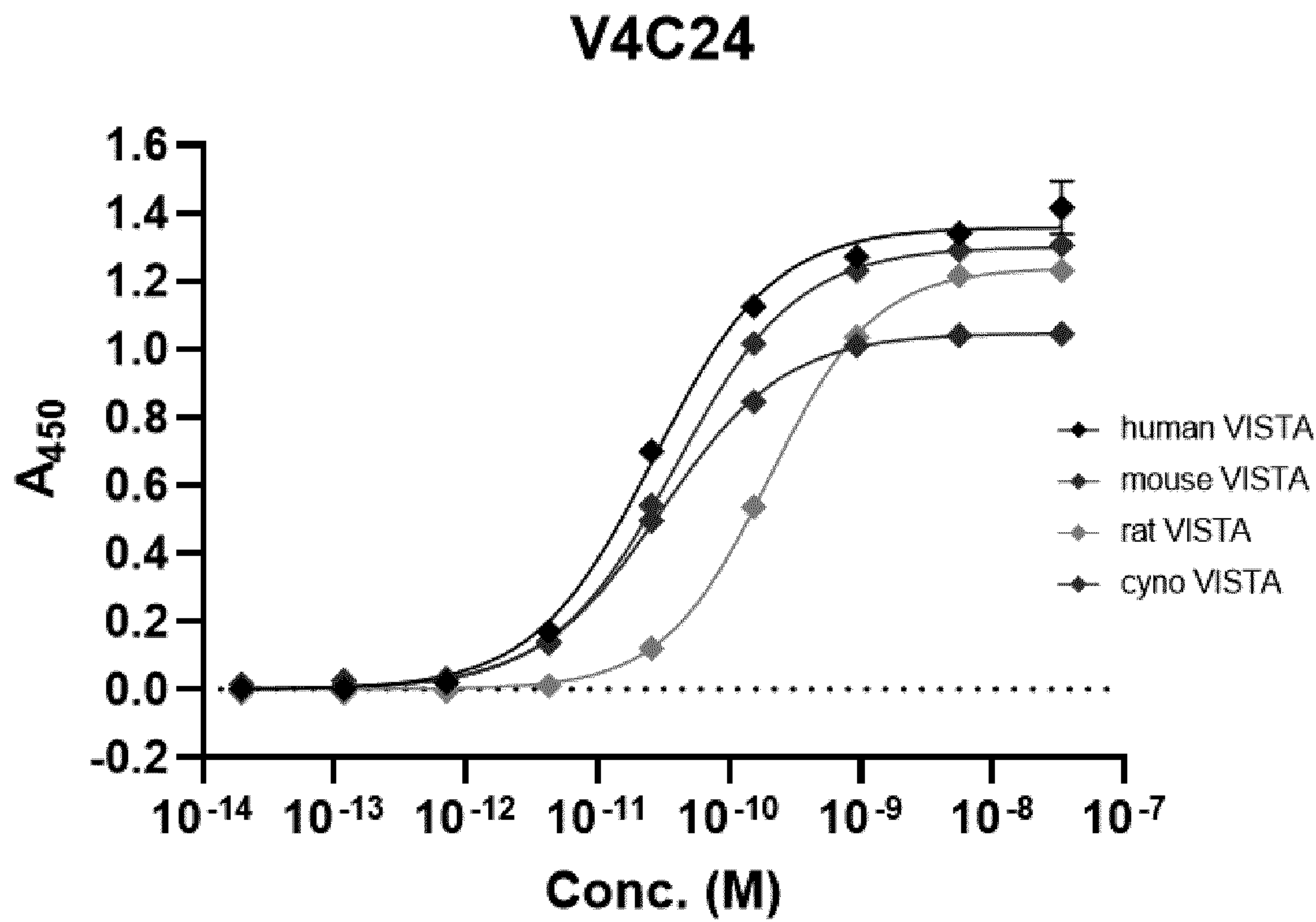


Figure 57B

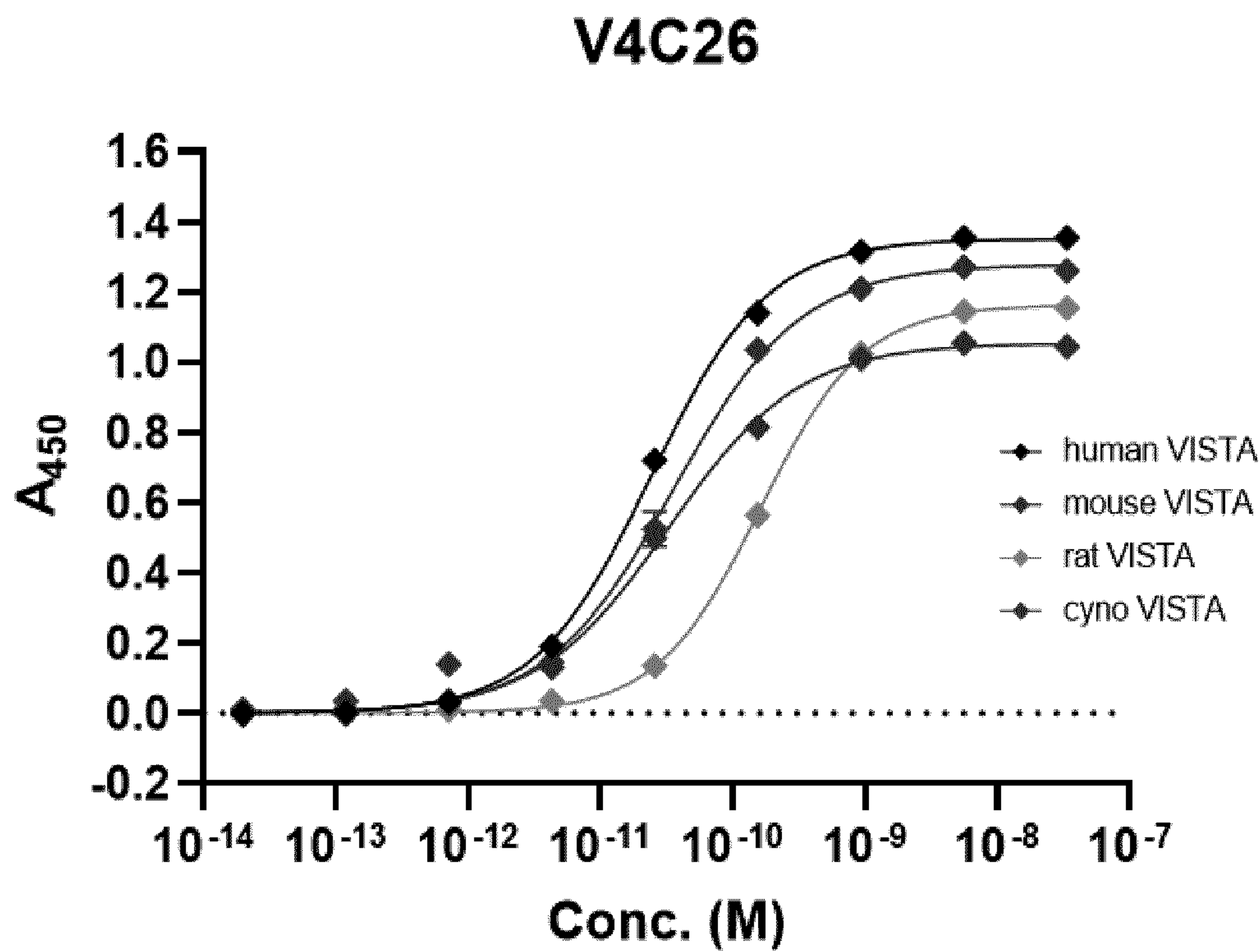


Figure 57C

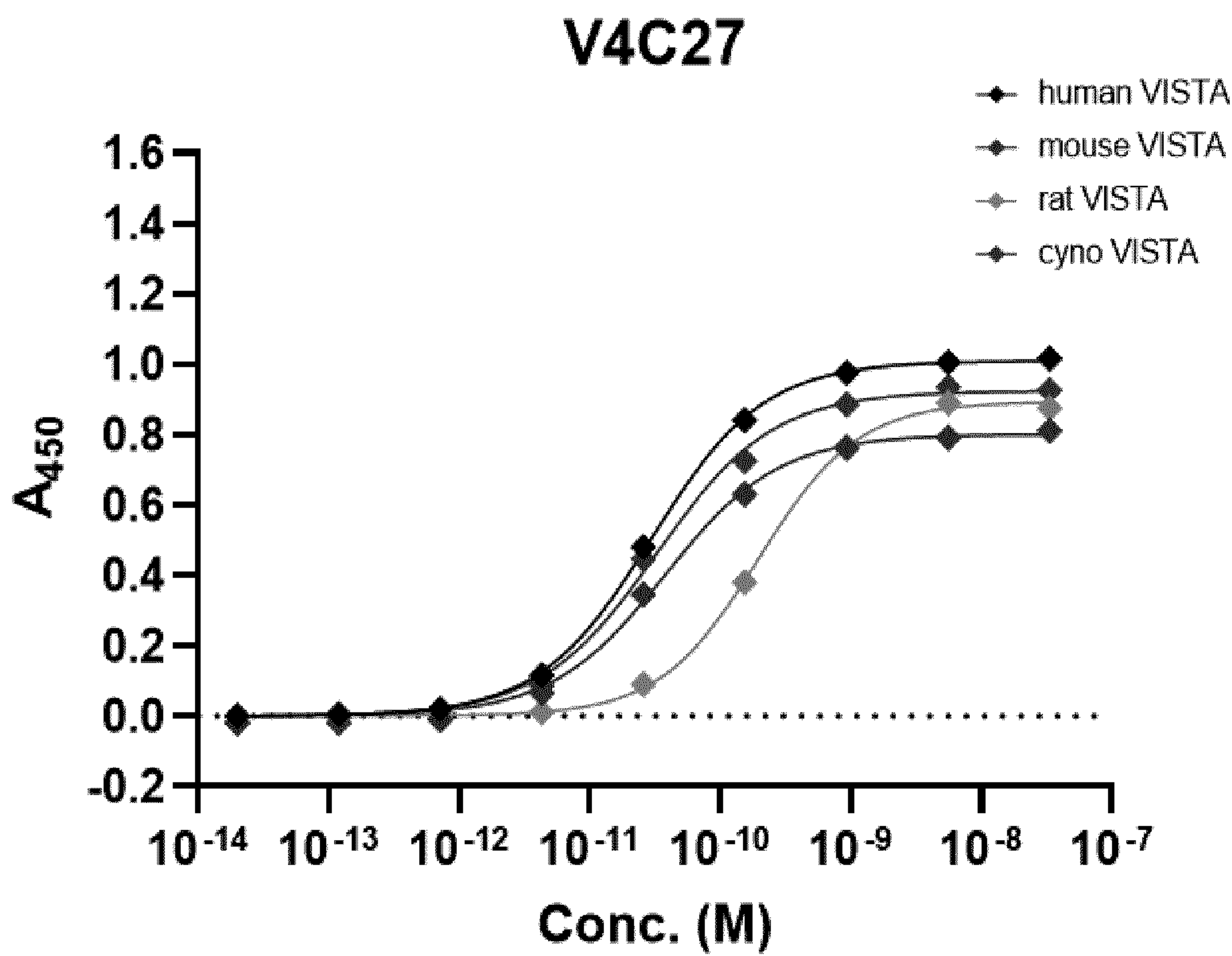


Figure 57D

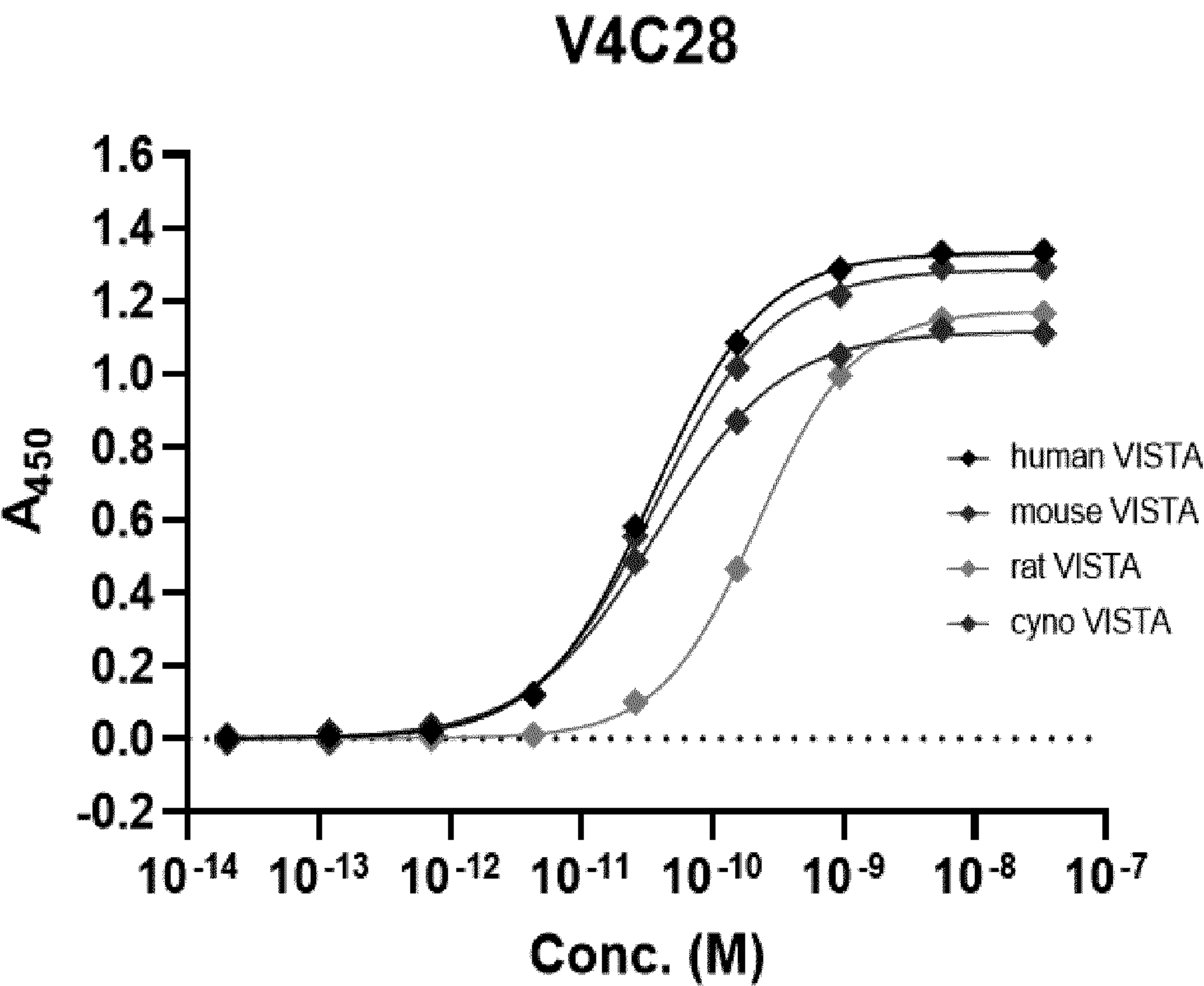


Figure 57E

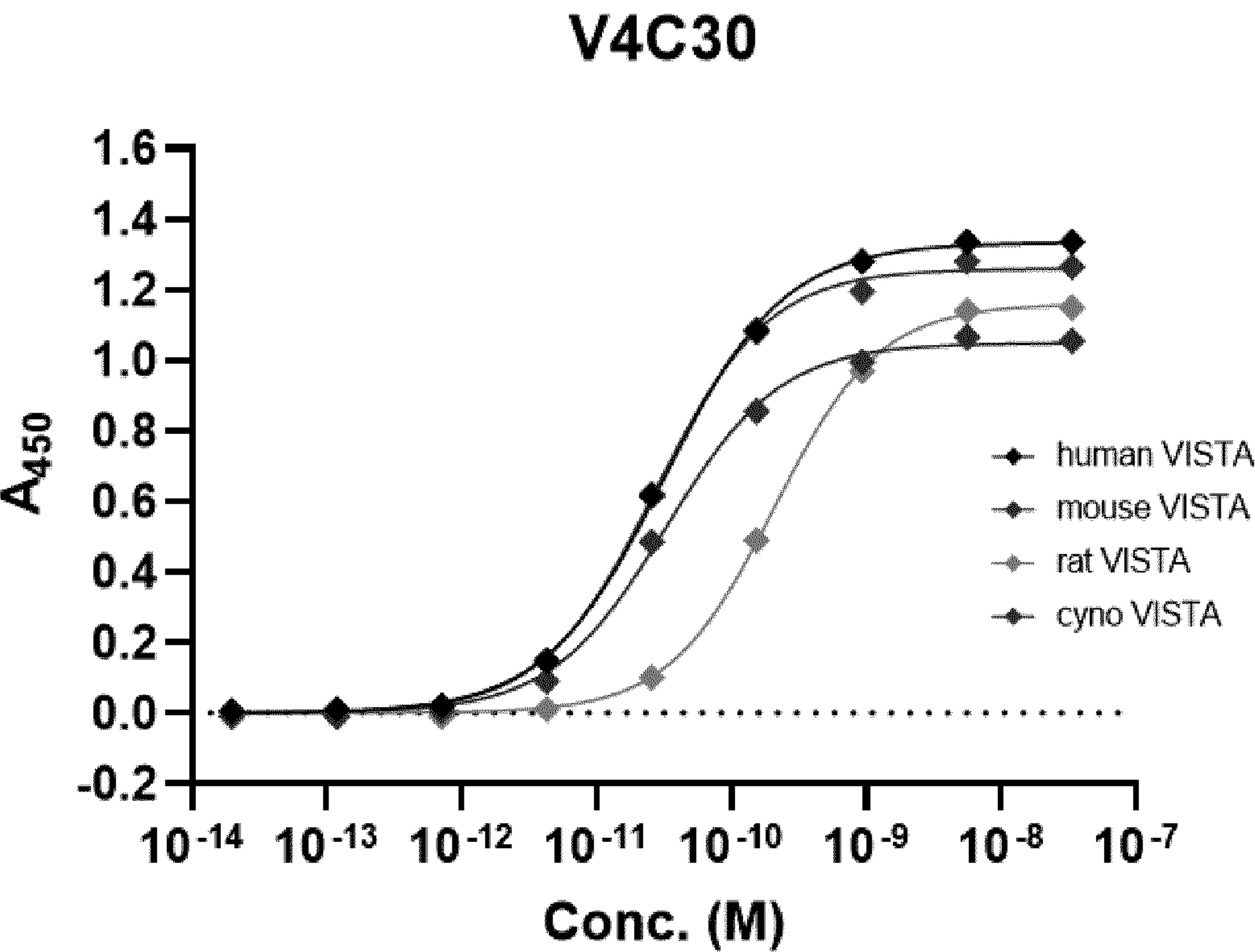


Figure 57F

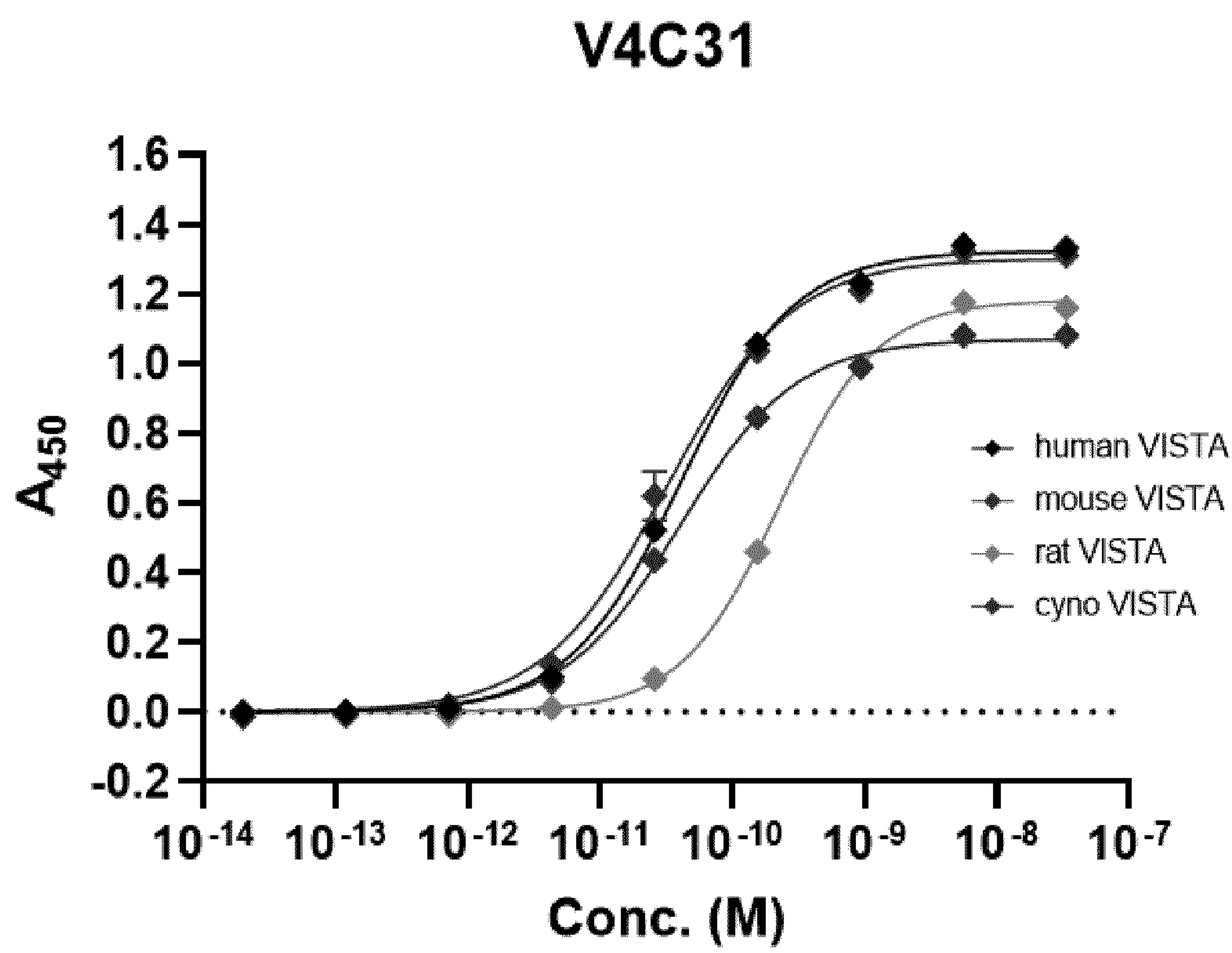


Figure 57G

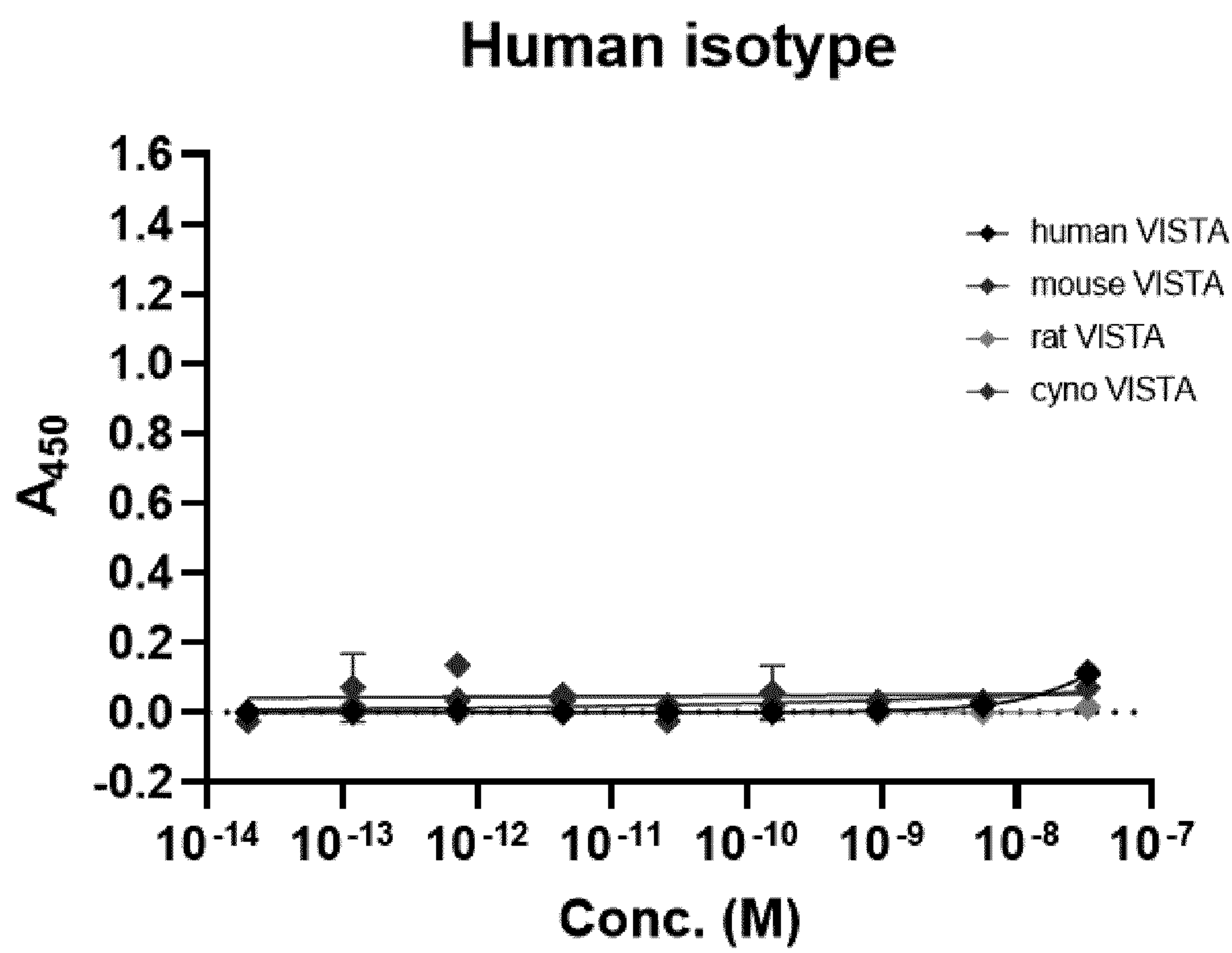


Figure 57H

EC ₅₀ (M)	human VISTA	mouse VISTA	Rat VISTA	Cyno VISTA
V4	3.19E-11	3.87E-10	1.25E-09	4.72E-11
V4C24	2.68E-11	3.04E-11	2.01E-10	3.85E-11
V4C26	2.41E-11	3.25E-11	1.60E-10	3.56E-11
V4C27	2.95E-11	3.74E-11	1.96E-10	3.24E-11
V4C28	3.46E-11	3.65E-11	2.17E-10	3.67E-11
V4C30	3.18E-11	3.26E-11	2.06E-10	2.72E-11
V4C31	4.08E-11	4.00E-11	2.24E-10	3.21E-11
Isotype	> 3.3e-008	> 3.3e-008	> 3.3e-008	> 3.3e-008

Figure 57I

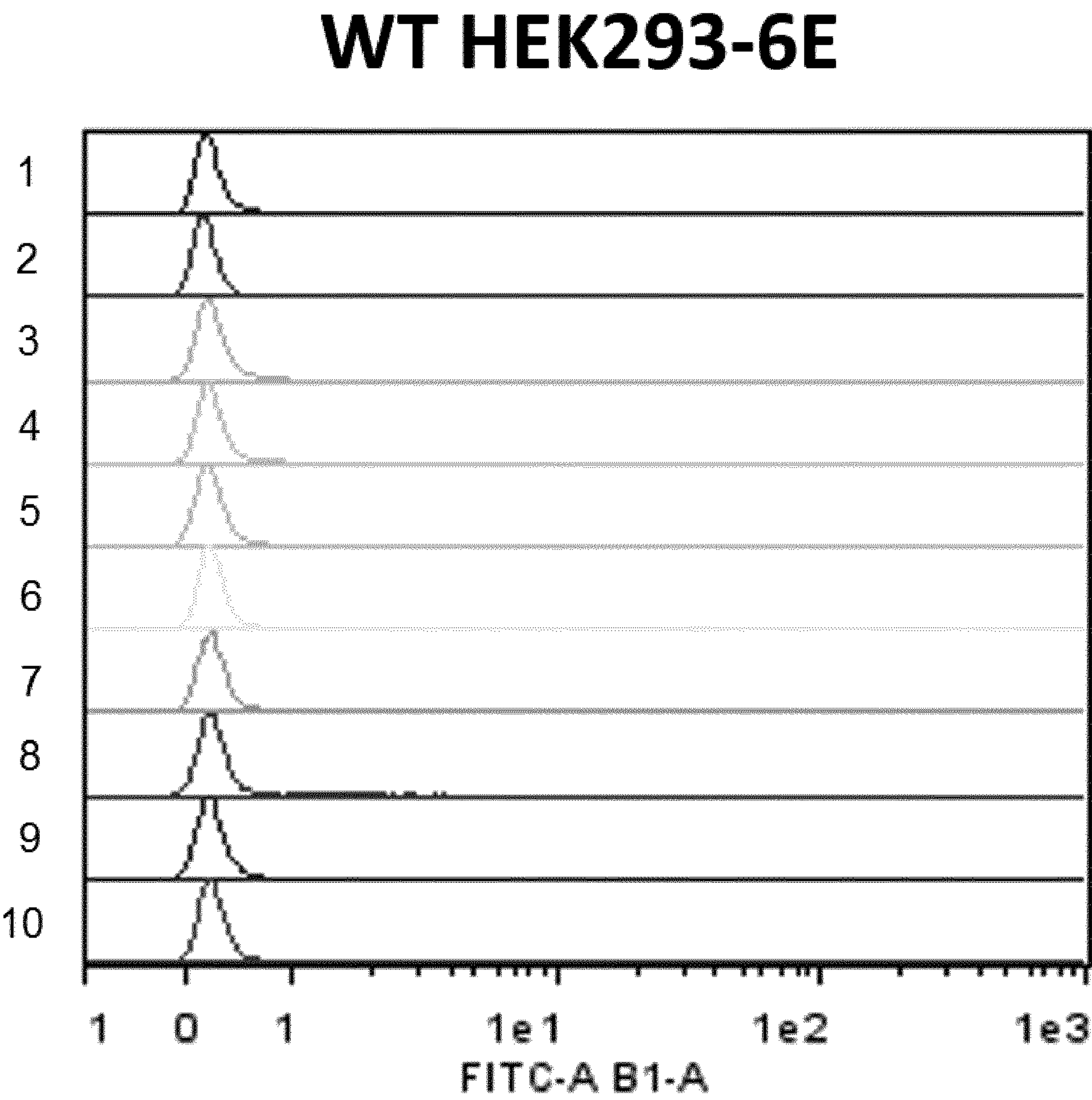


Figure 58A

HEK293-6E O/E Human VISTA

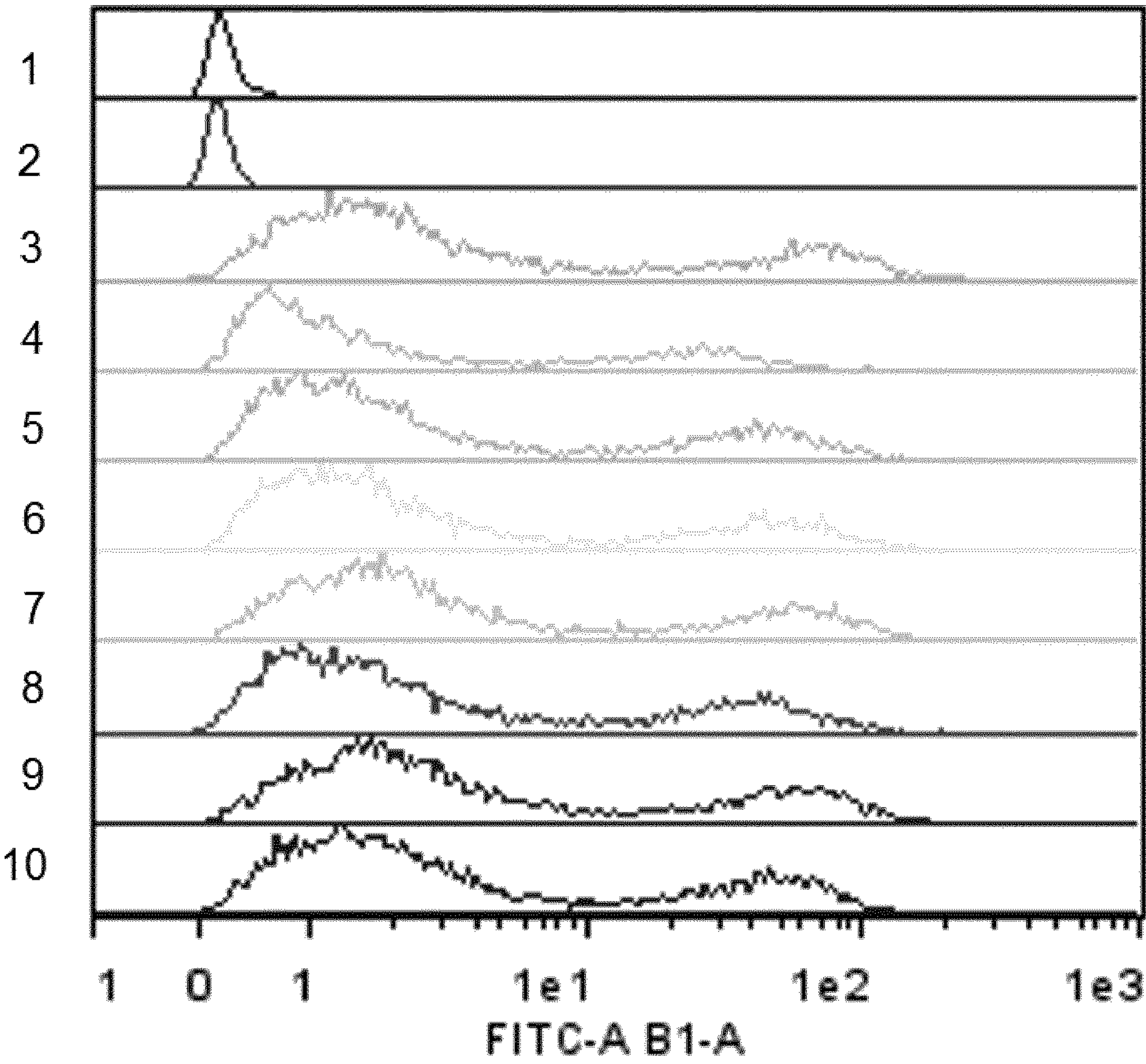


Figure 58B

HEK293-6E O/E Mouse VISTA

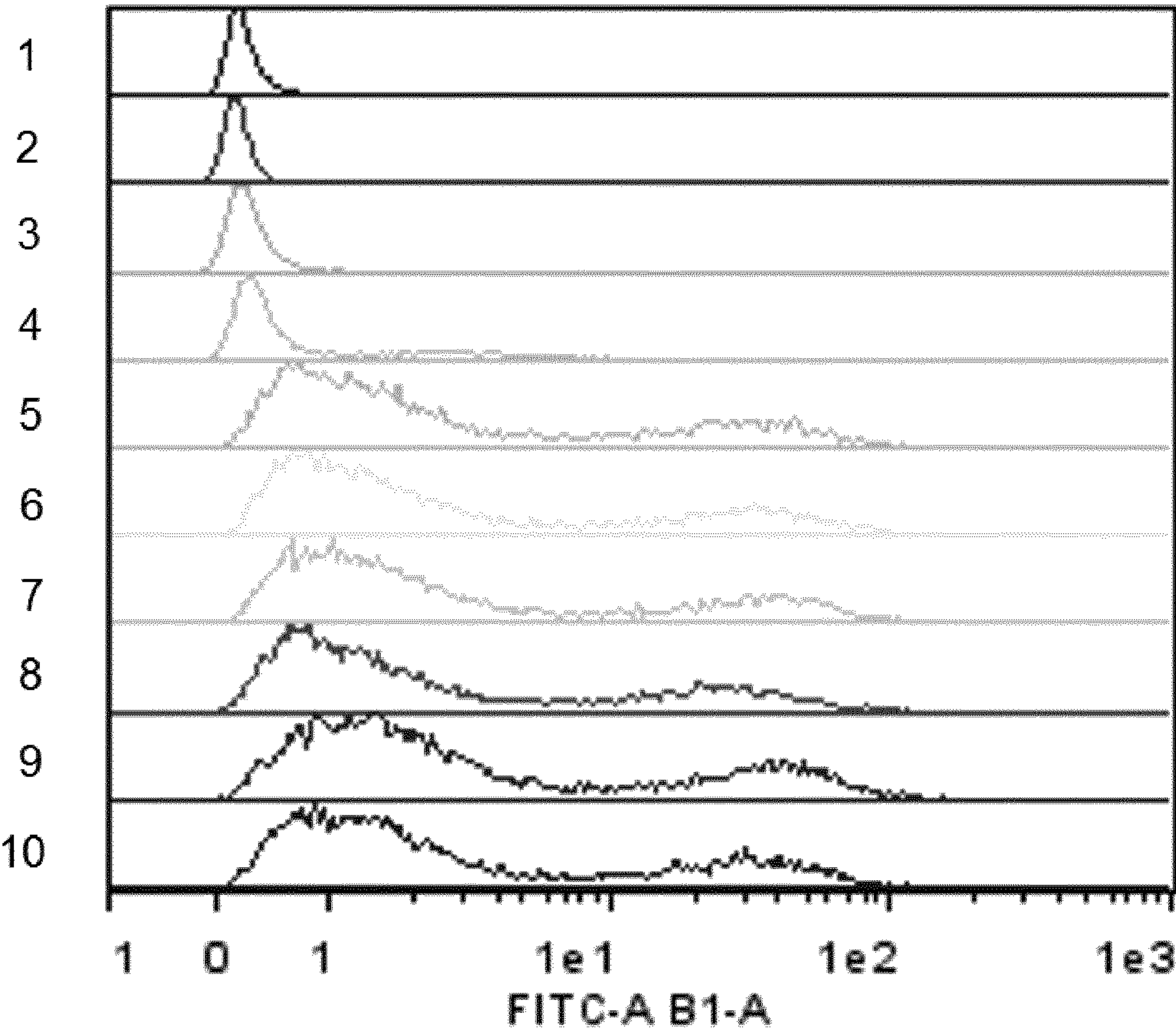
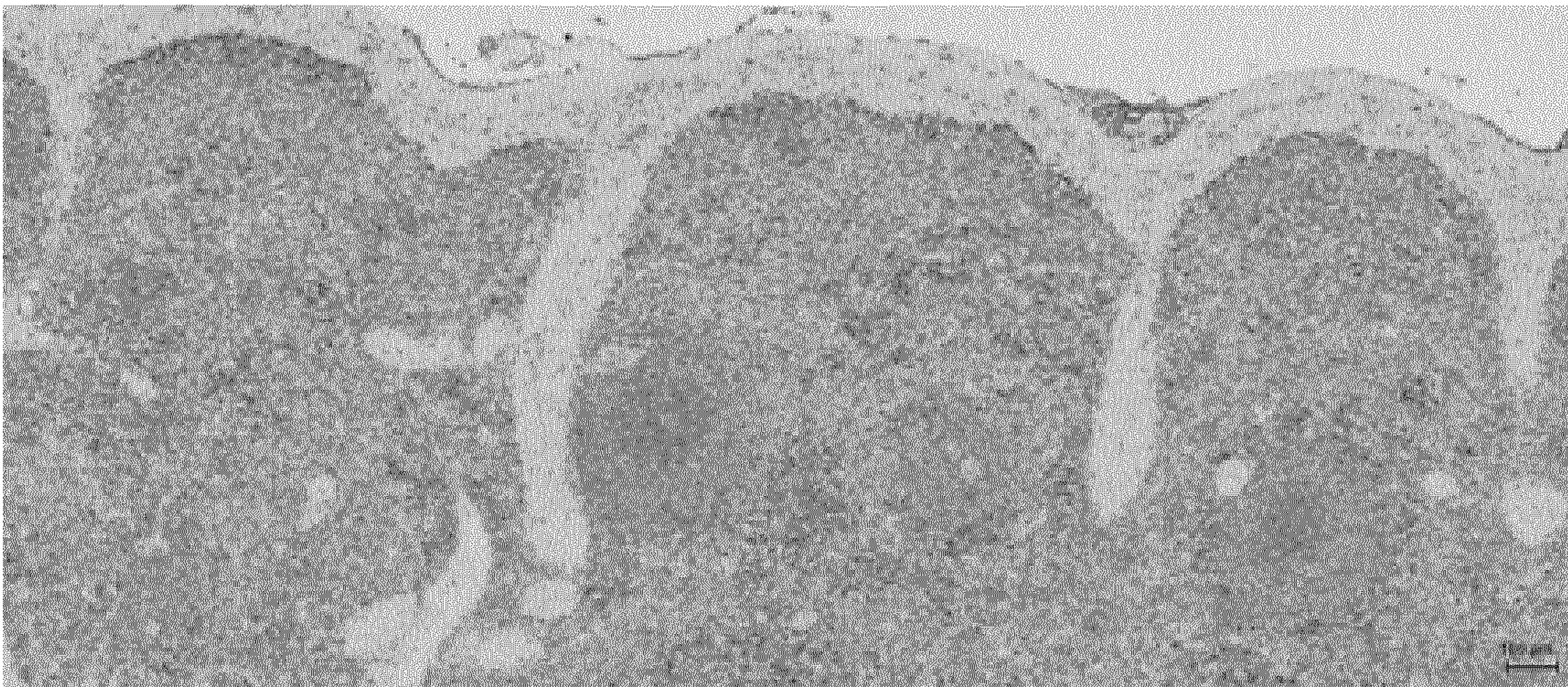


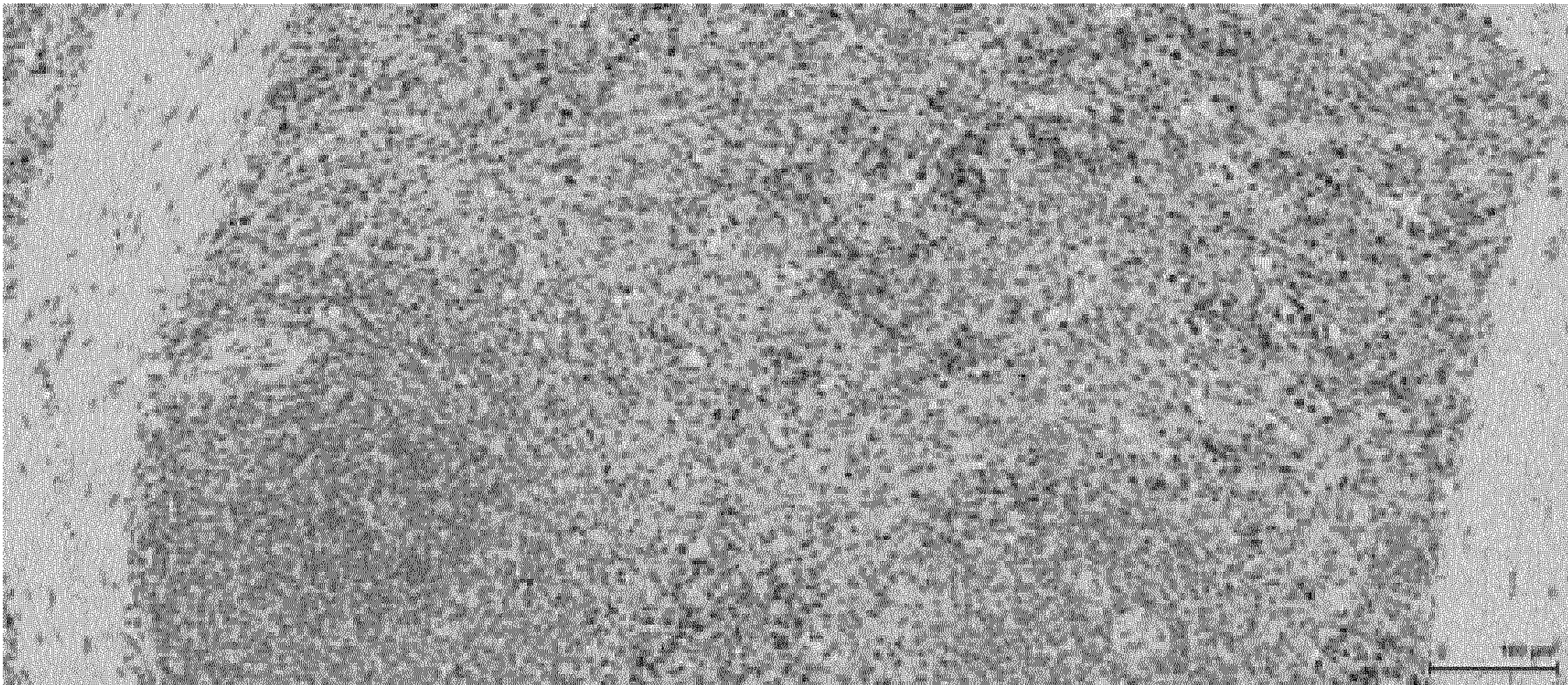
Figure 58C

Normal spleen

4x



10x



20x

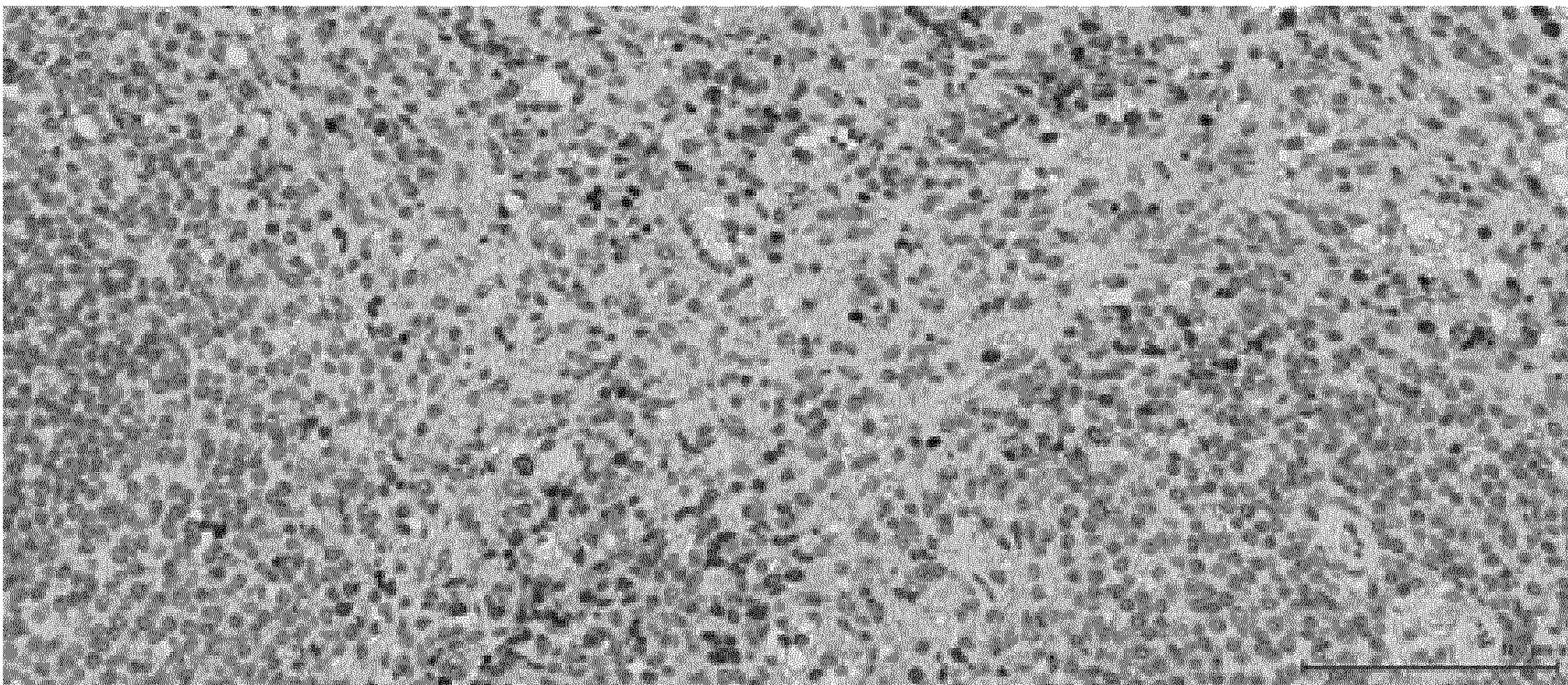
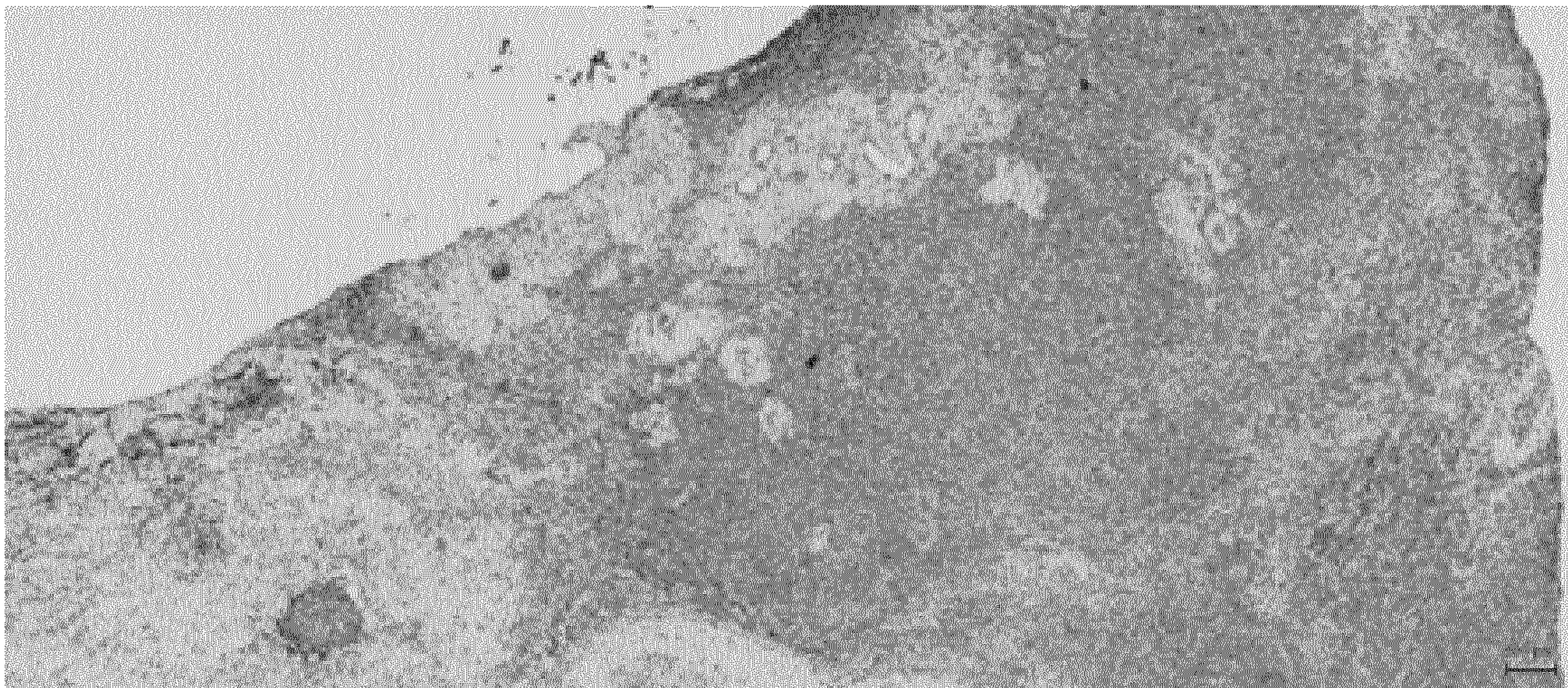


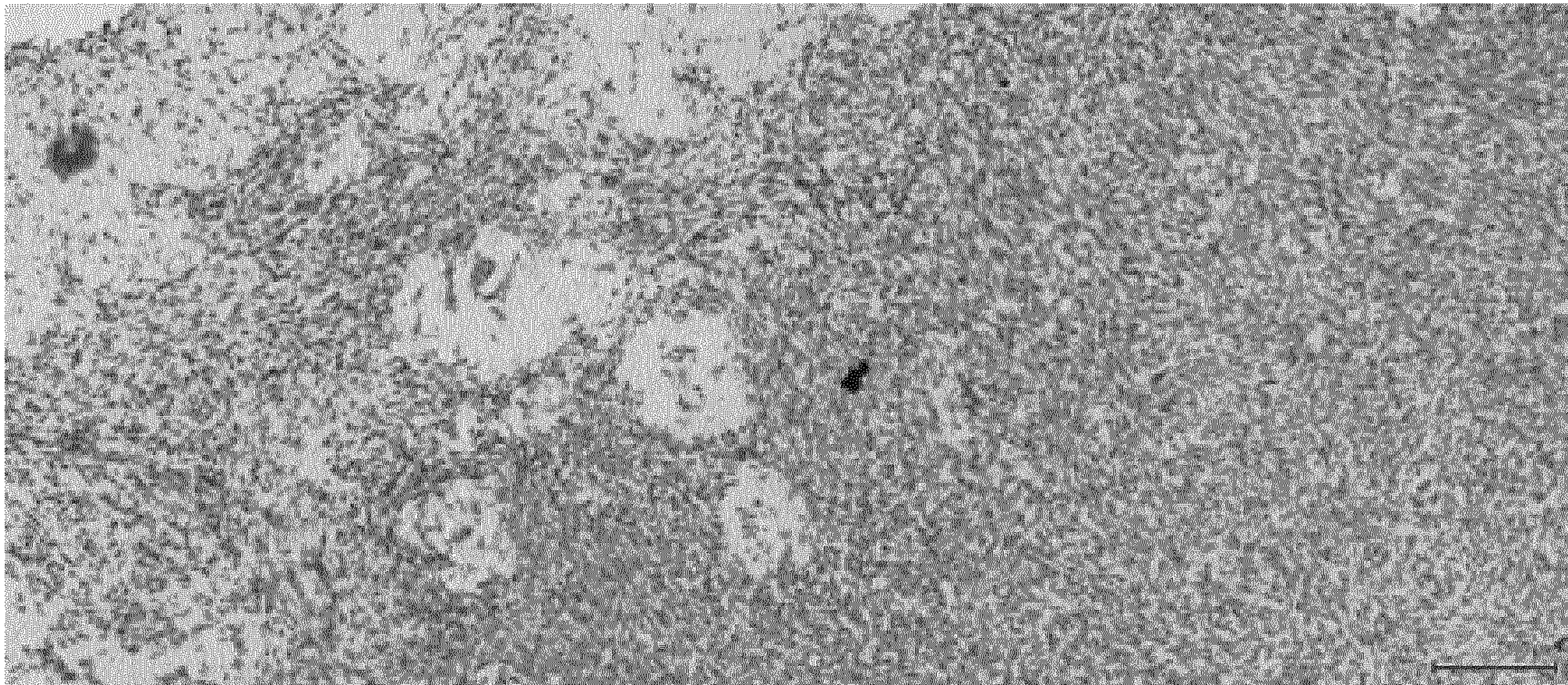
Figure 59A

Normal ovary

4x



10x



20x

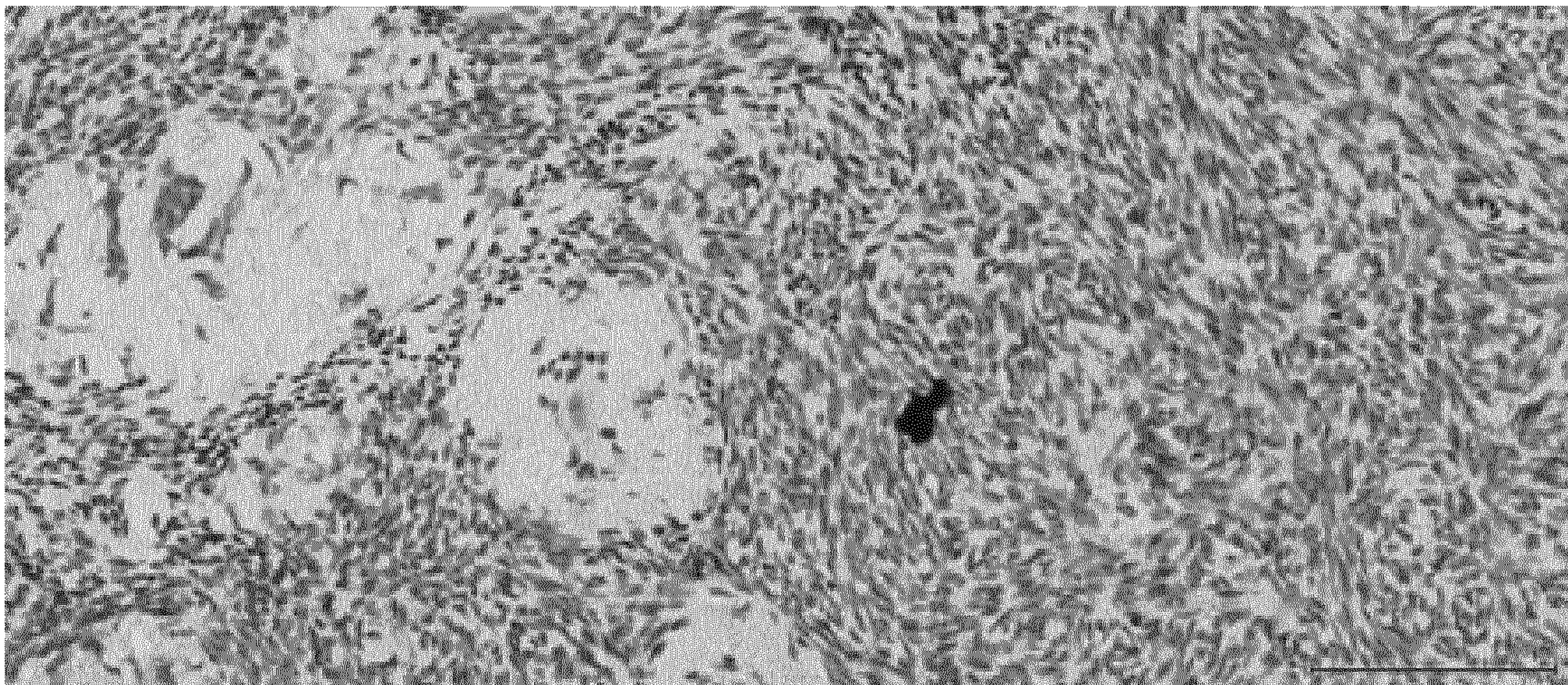


Figure 59B

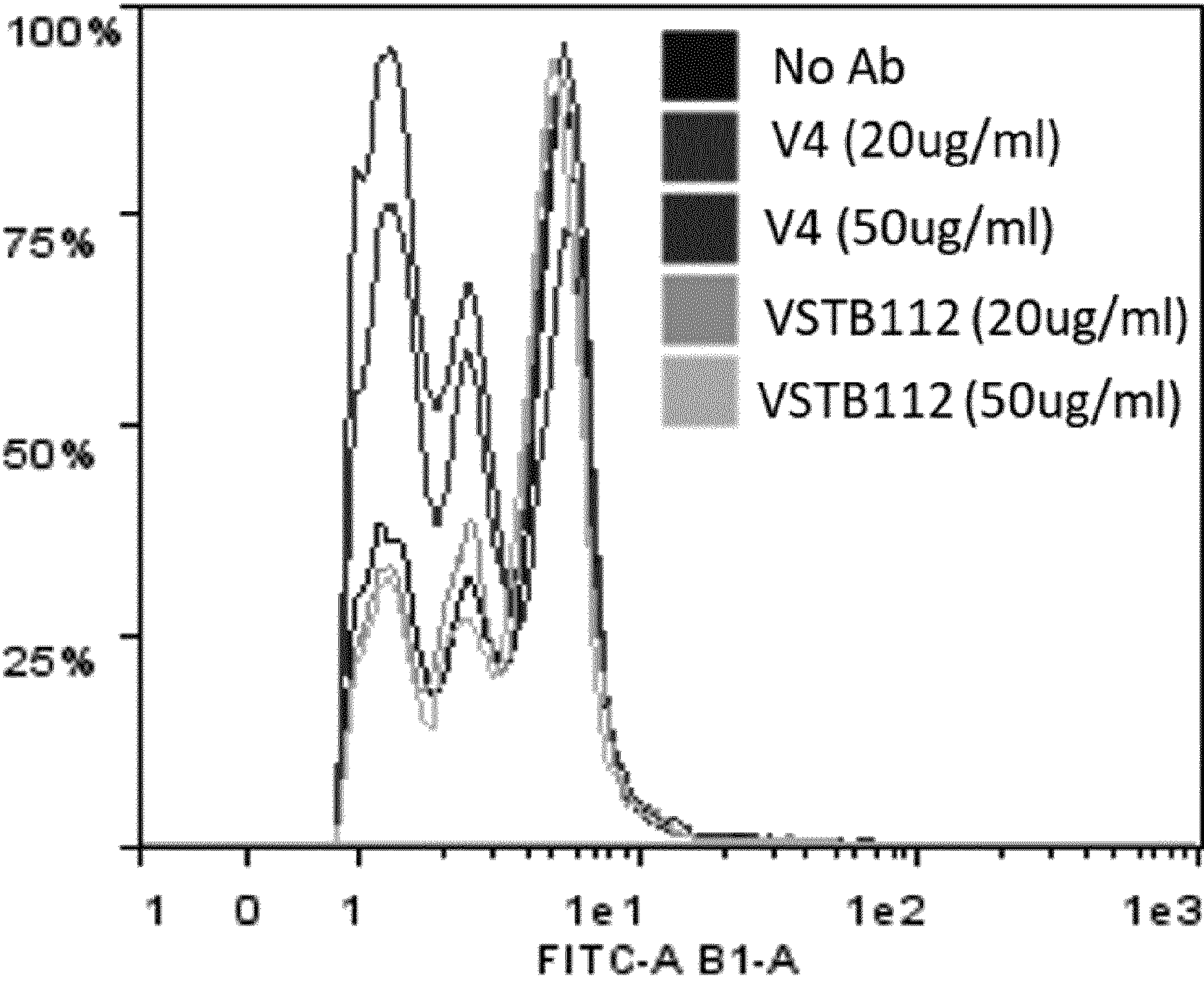


Figure 60A

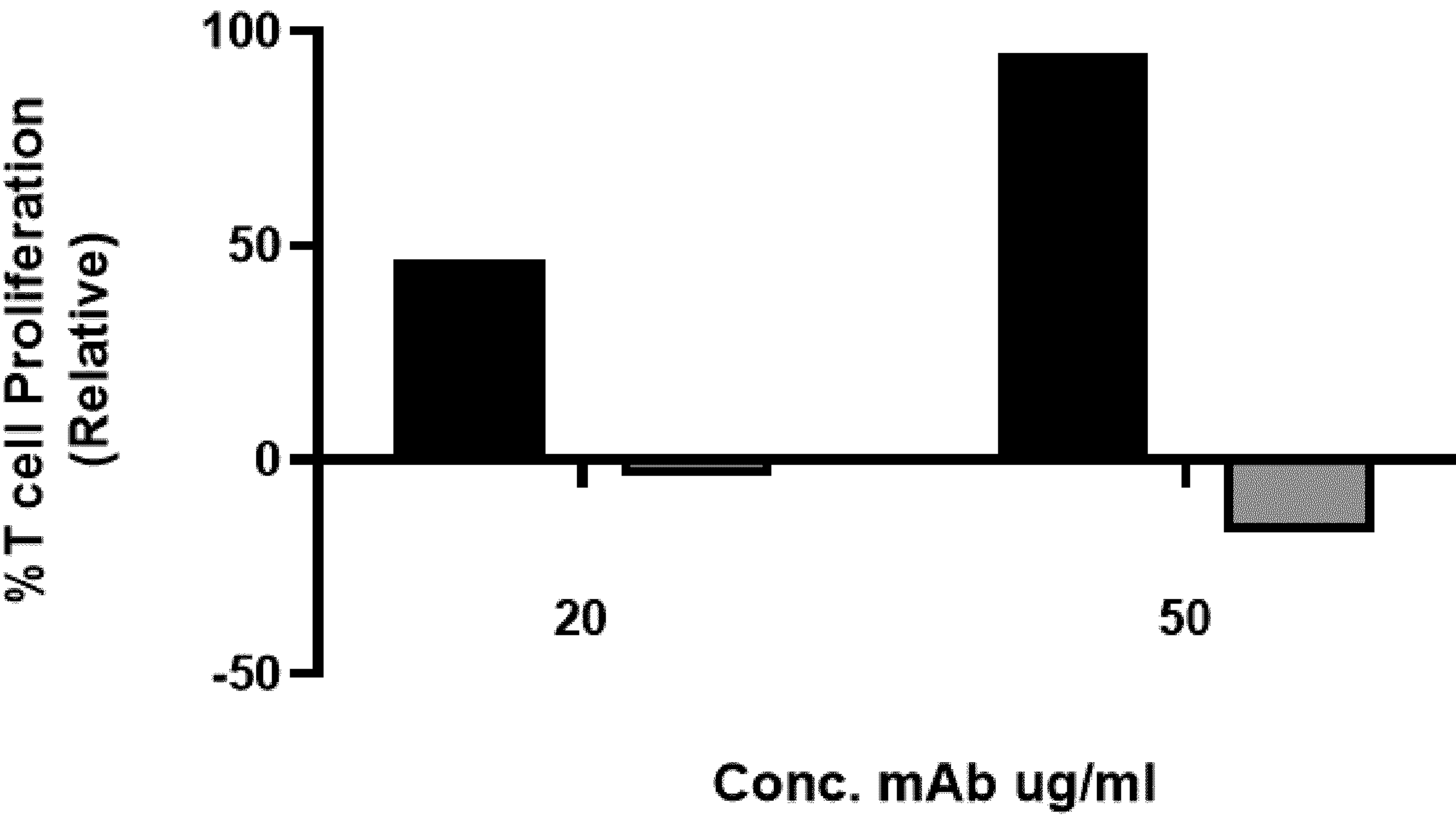


Figure 60B

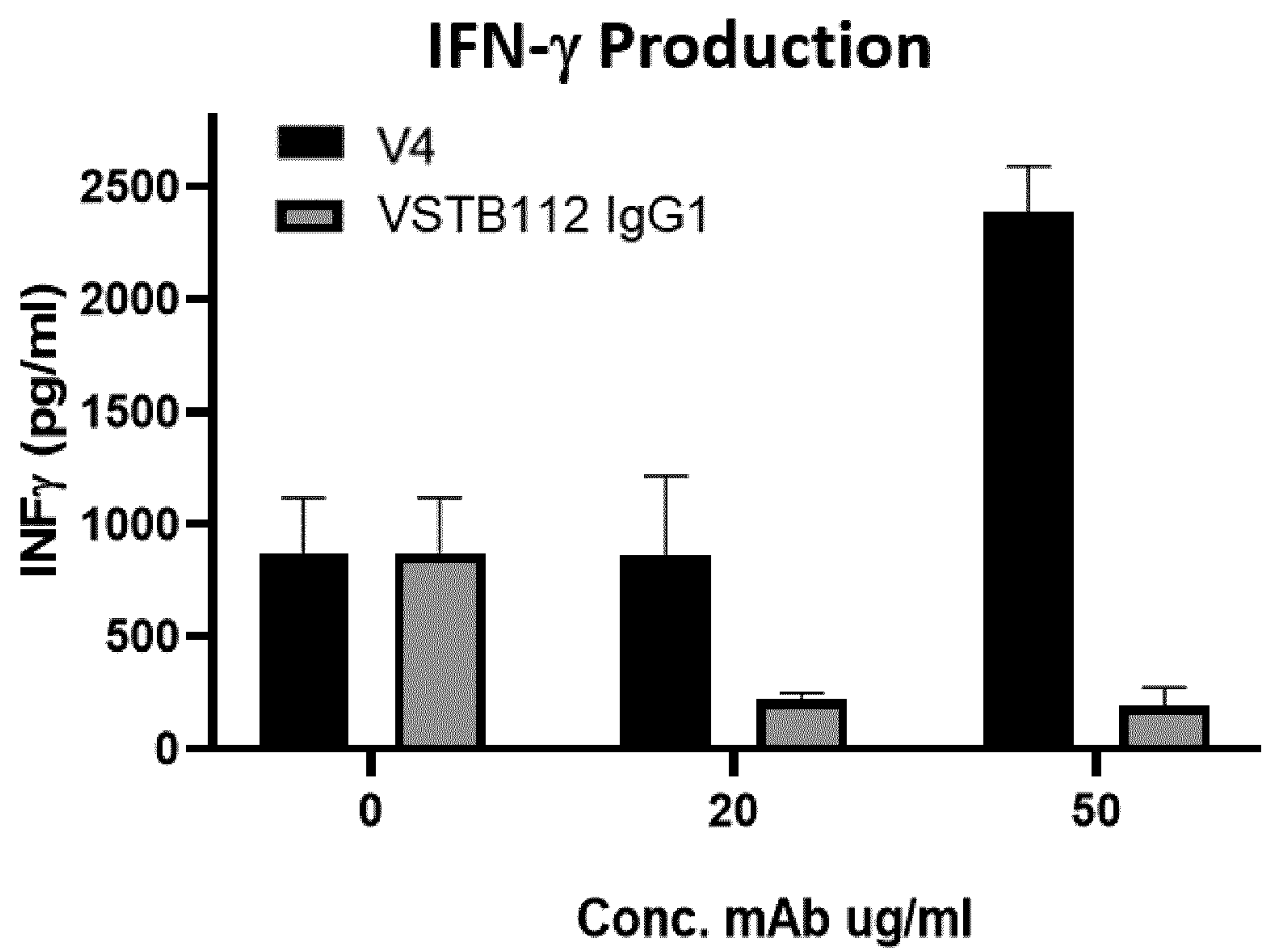


Figure 60C

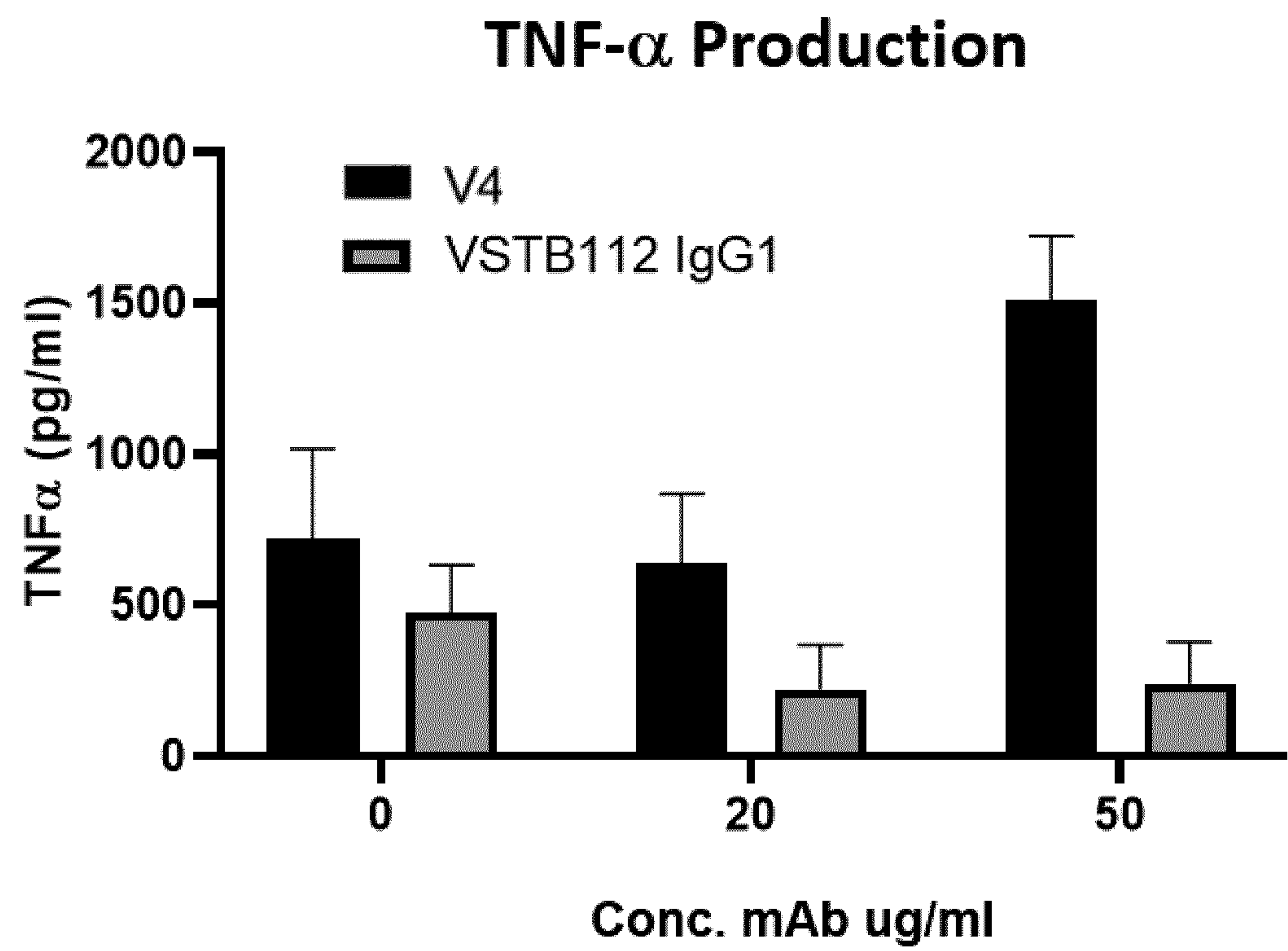


Figure 60D

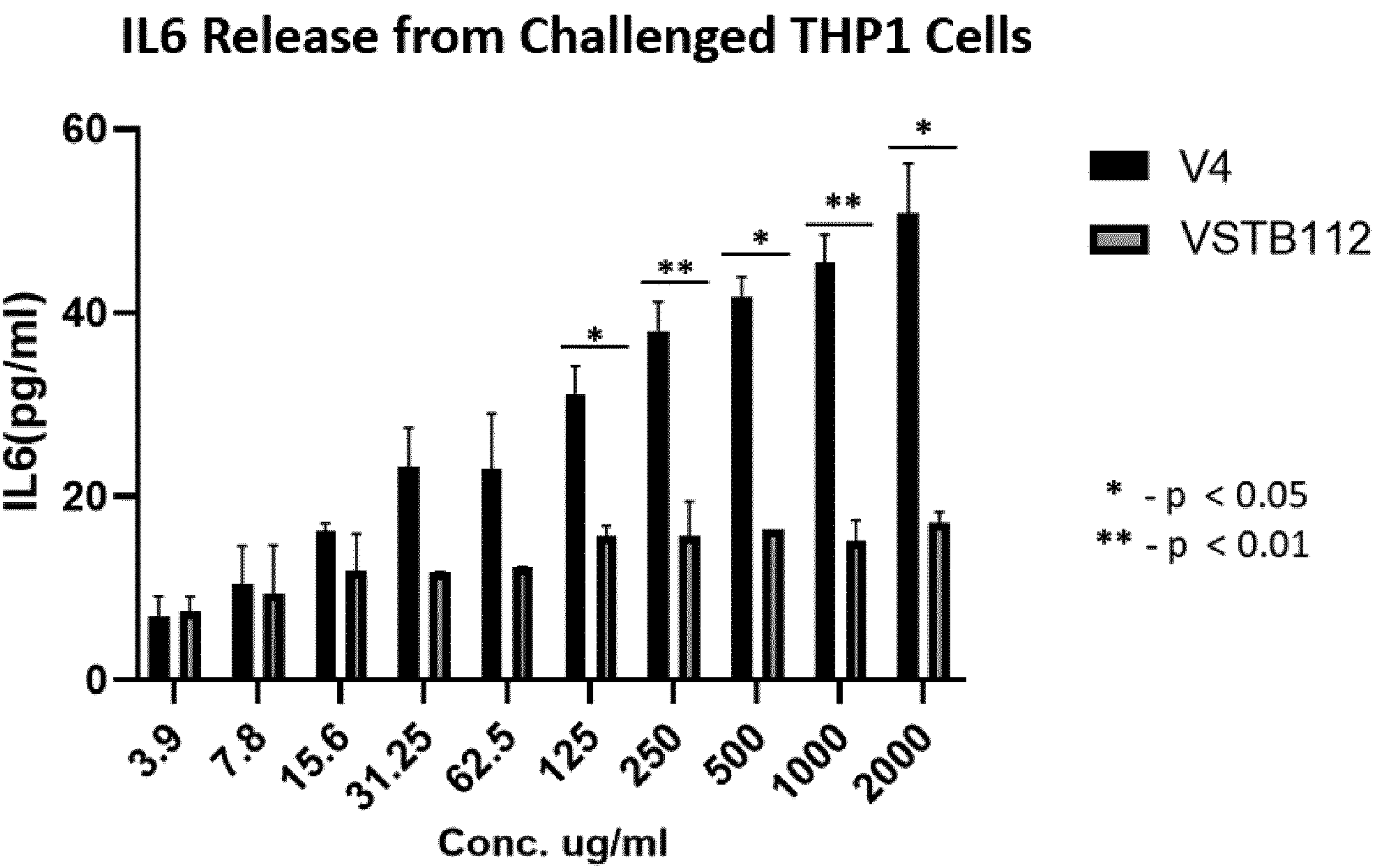


Figure 61A

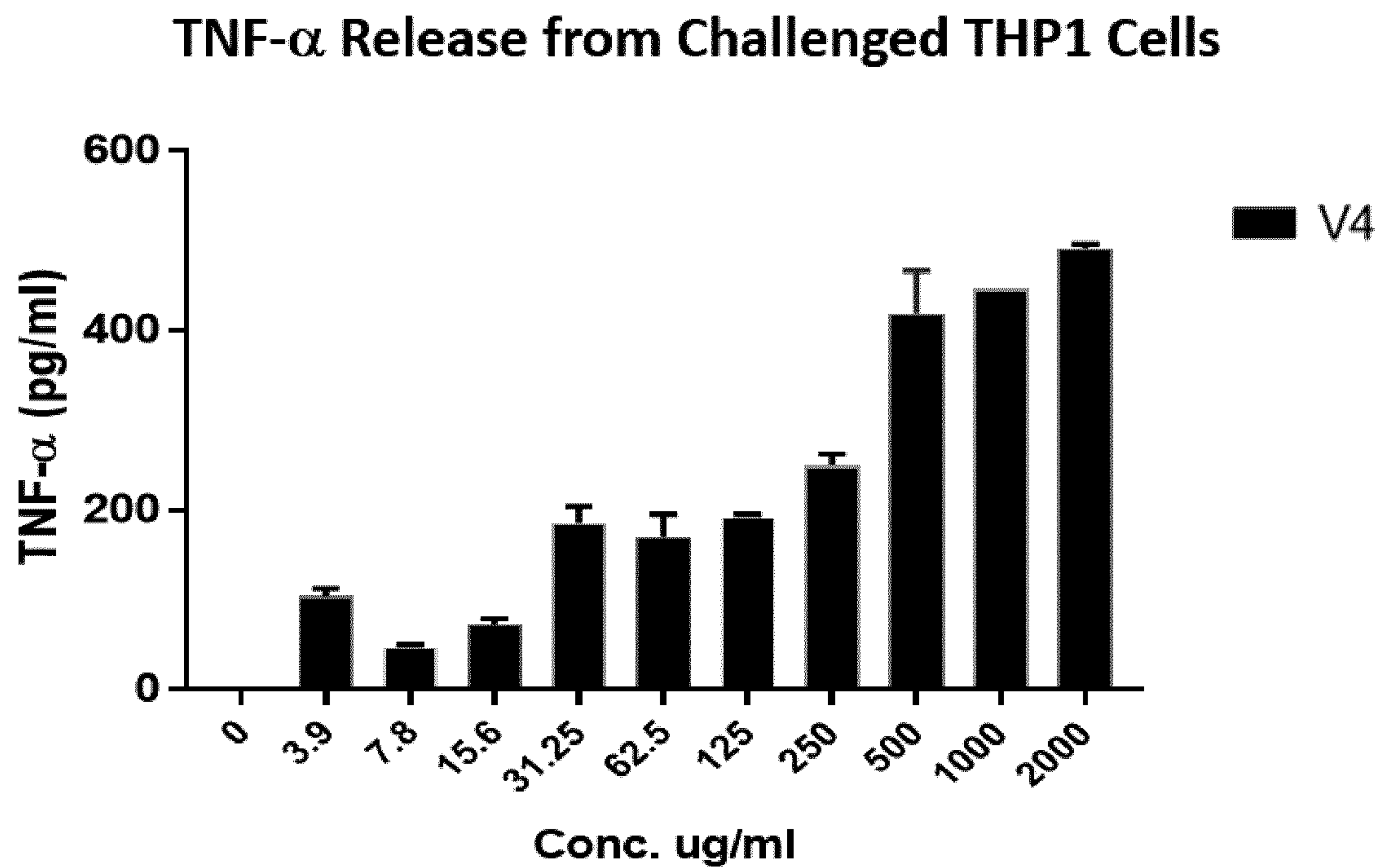


Figure 61B

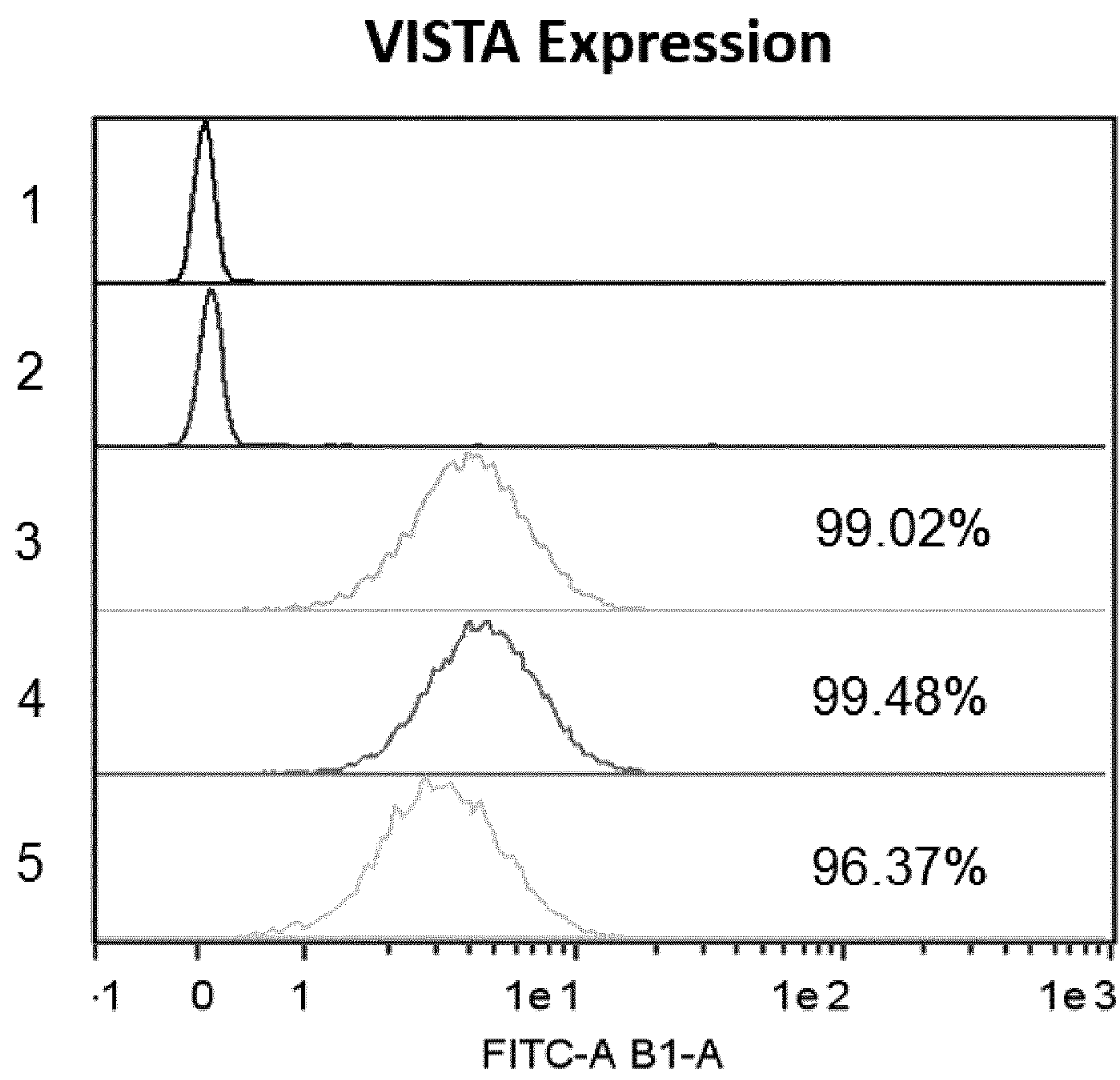


Figure 61C

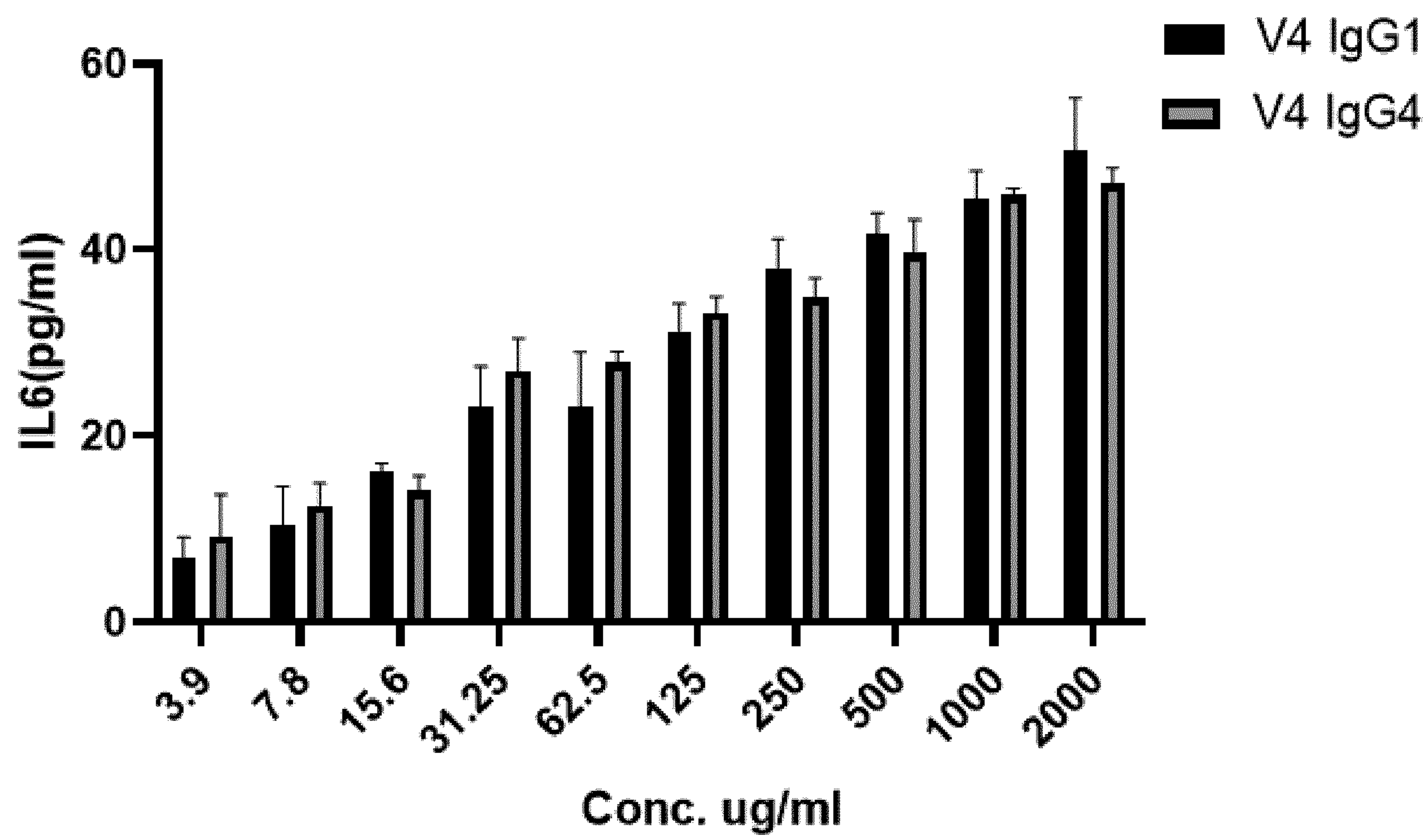
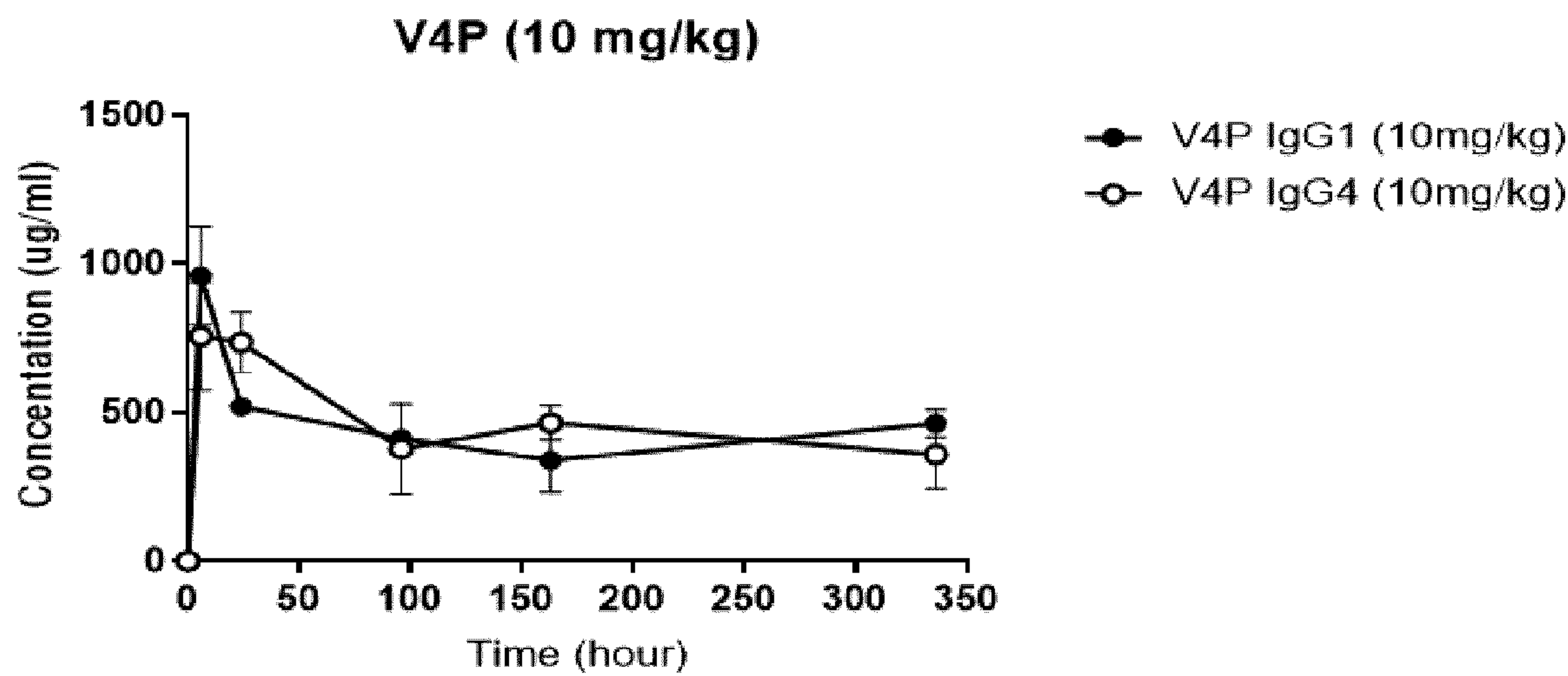
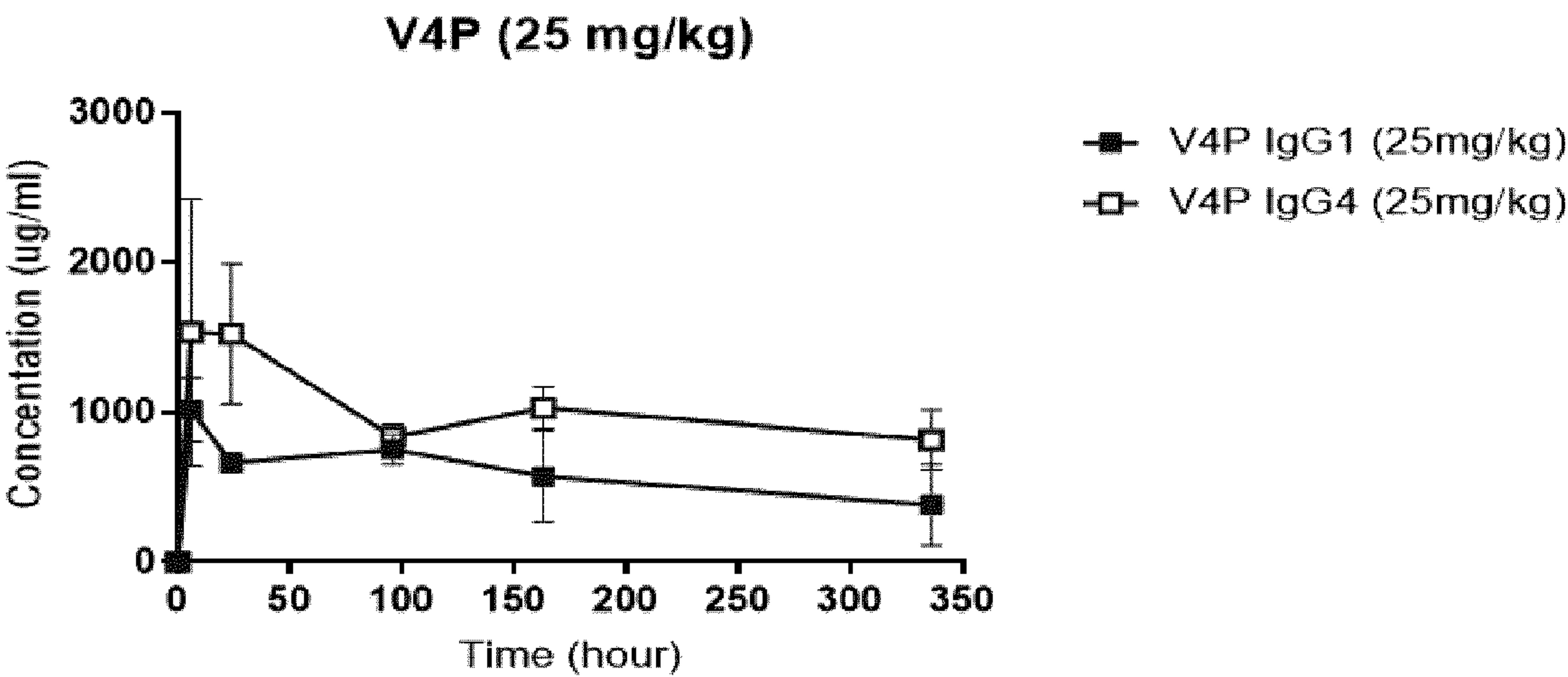


Figure 62



Arms	Dose	Cmax (ug/ml)	Tmax (hr)	AUC0-336 (ug*h/ml)	AUC0-Infinity (ug*h/ml)	T1/2 (hr)	CL (ml/h)	Vd (mL/kg)
V4P hlgG1	10 mg/kg	1254.925	6.000	163820.857	535540.716	494.683	0.005	3.631
V4P hlgG4	10 mg/kg	756.632	6.000	157719.024	325944.397	324.881	0.008	3.726

Figure 63A



Arms	Dose	Cmax (ug/ml)	Tmax (hr)	AUC0-336 (ug*h/ml)	AUC0-Infinity (ug*h/ml)	T1/2 (hr)	CL (ml/h)	Vd (mL/kg)
V4P hlgG1	25 mg/kg	917.691	6.000	168137.409	624496.133	637.687	0.010	9.622
V4P hlgG4	25 mg/kg	1532.665	6.000	343433.514	790153.226	380.006	0.008	4.467

Figure 63B

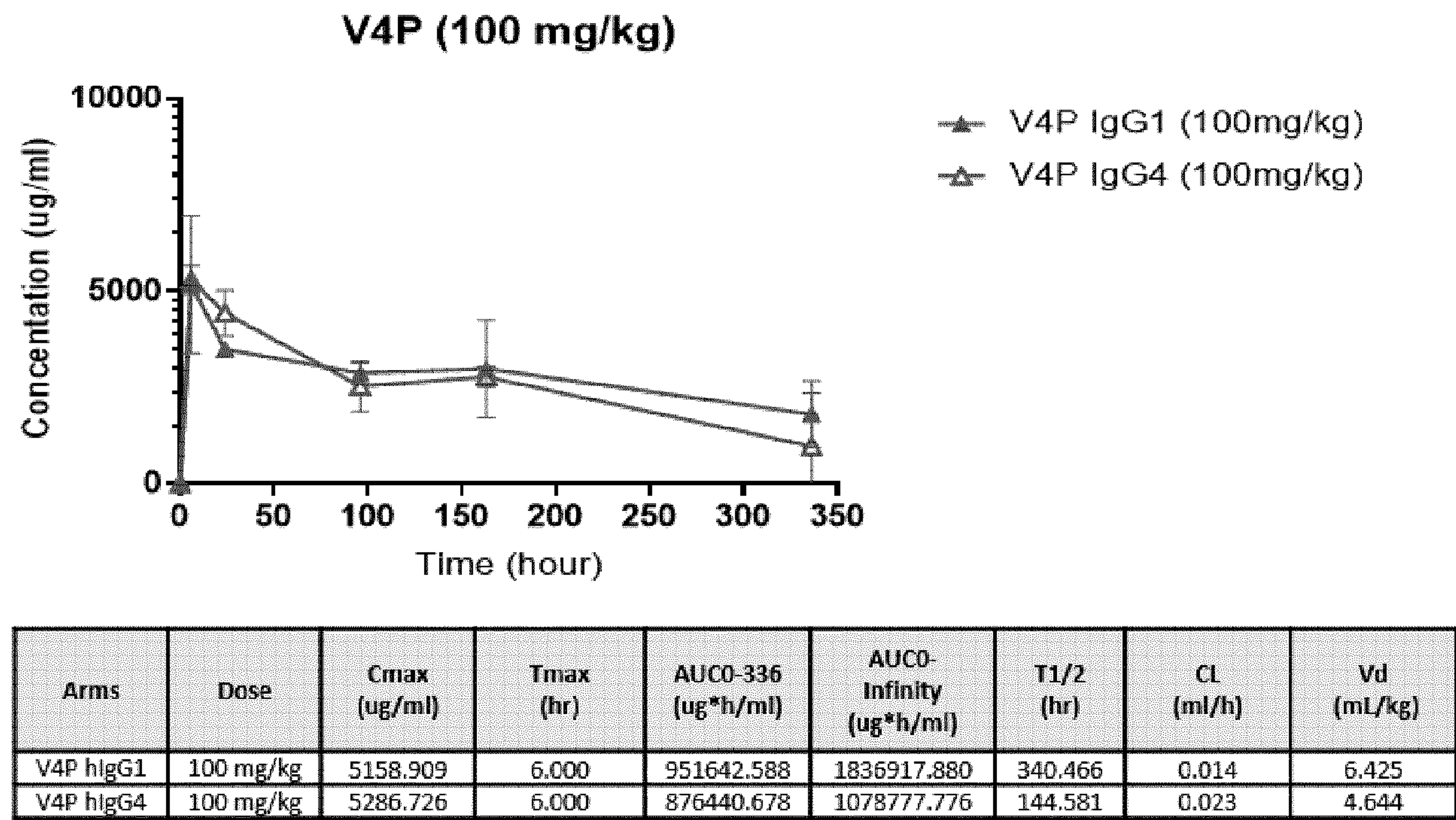


Figure 63C

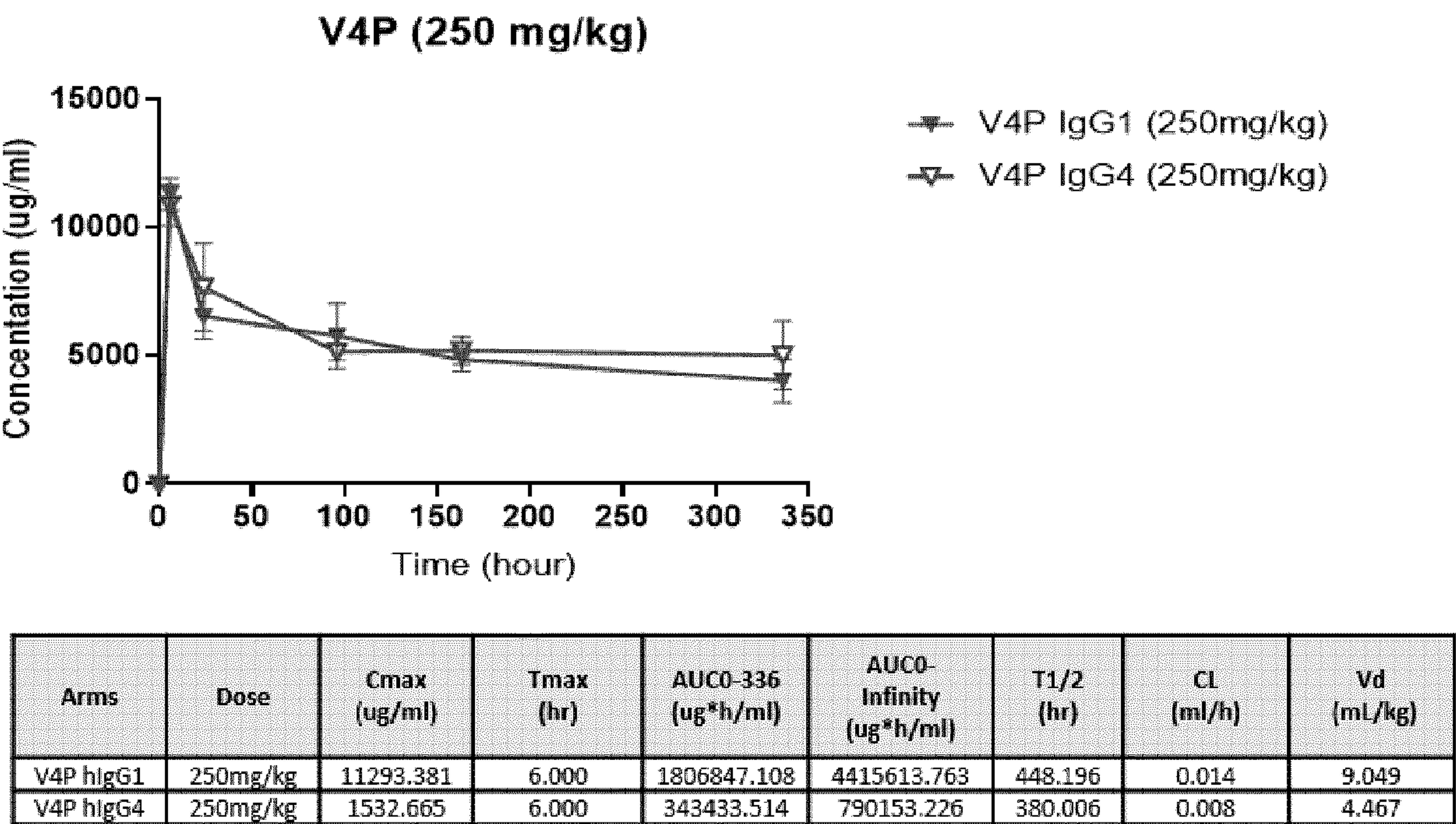


Figure 63D

Treatment Arm	Dose	Red Blood Cell						
		RBC Count (10 ⁹ /L)	Hemoglobin (g/dl)	Hematocrit (%)	Anemia Parameters			Platelet count (10 ⁹ /L)
					MCV (fml)	MCH (pg)	MCHC (g/dl)	
Vehicle	0	10.73	16.3	45.67	43	15.2	35.7	774
V4P	50 mg/kg	11.02	17.2	47.64	43	15.6	36	720

Figure 64A

Treatment Arm	Dose	White Blood Cell			
		WBC Count (10 ⁹ / L)	Lymphocyte Count (10 ⁹ / L)	Monocyte Count (10 ⁹ / L)	Neutrophil Count (10 ⁹ / L)
Vehicle	0	5.57	3.4	0.05	1.7
V4P	50 mg/kg	5.98	4.22	0.05	1.71

Figure 64B

Treatment Arm	Dose	Biochemistry			
		Liver (U/L)		Kidney (mg/dL)	
		ALT	ALP	CREA	BUN
Vehicle	0	29	102	17	0.2
V4P	50 mg/kg	23	50	19	0.2

Figure 64C

Treatment Arm	Time (hrs)	Red Blood Cell						
		RBC Count (10 ⁹ /L)	Hemoglobin (g/dl)	Hematocrit (%)	Anemia Parameters			Platelet count (10 ⁹ /L)
					MCV (fml)	MCH (pg)	MCHC (g/dl)	
Vehicle	0	7.94	14.97	45.50	57.33	18.87	32.87	223.3
	6	8.58	16.15	48.57	56.50	18.90	17.80	886.5
	24	8.25	15.70	46.55	56.33	19.03	33.73	427.0
	96	7.97	13.37	45.39	56.67	16.80	29.50	229.0
	168	8.27	15.87	46.96	57.00	19.20	33.80	244.7
V4 IgG1	0	7.65	14.30	43.82	57.33	18.60	41.73	172.3
	6	8.03	14.77	45.04	56.33	18.50	32.90	99.00
	24	8.14	14.73	45.84	56.33	18.17	32.23	305.7
	96	7.97	13.93	45.02	56.33	17.50	30.97	269.3
	168	8.15	15.50	45.53	55.67	19.03	34.03	151.1
V4 IgG4	0	7.94	14.23	46.23	58.00	17.83	30.63	247.0
	6	10.51	20.40	61.26	58.33	19.40	33.30	427.3
	24	8.04	14.90	45.31	56.00	18.50	32.83	293.3
	96	6.77	12.23	38.43	57.00	18.07	31.70	183.7
	168	7.69	13.73	43.65	57.00	17.97	31.53	303.0

Figure 65A

Treatment Arm	Time (hrs)	White Blood Cell			
		WBC Count (10 ⁹ / L)	Lymphocyte Count (10 ⁹ / L)	Monocyte Count (10 ⁹ / L)	Neutrophil Count (10 ⁹ / L)
Vehicle	0	14.86	12.53	0.40	1.93
	6	10.88	8.63	0.21	2.03
	24	9.85	8.15	0.20	1.50
	96	11.68	8.94	0.59	2.15
	168	15.82	12.28	1.22	2.32
V4 IgG1	0	9.02	7.52	0.55	0.94
	6	8.79	5.84	0.35	2.60
	24	10.38	8.66	0.16	1.57
	96	10.89	8.91	0.35	1.63
	168	19.90	17.23	0.82	1.73
V4 IgG4	0	8.42	7.38	0.08	0.96
	6	18.20	10.76	0.62	6.82
	24	7.44	5.73	0.48	1.23
	96	7.32	5.56	0.15	1.61
	168	10.05	8.44	0.34	1.28

Figure 65B

Treatment Arm	Time (hrs)	Biochemistry									
		Liver (U/L)		Kidney (mg/dL)		Pancreas		Electrolytes			
		ALT	ALP	CREA	BUN	GLU (mg/dL)	AMY (U/L)	NA (meq/L)	K (meq/L)	P (mg/dL)	CA (mg/dL)
Vehicle	0	52.33	246.0	0.33	21.33	173.7	549.3	137.3	7.90	8.47	11.33
	6	28.67	210.7	0.37	10.33	195.7	517.7	134.0	6.00	8.20	10.87
	24	36.67	258.0	0.40	13.33	182.0	564.3	137.7	6.73	7.77	11.27
	96	32.33	218.3	0.10	12.67	178.3	532.0	134.0	5.50	8.07	10.93
	168	40.33	283.0	0.27	13.00	190.0	623.3	135.7	6.37	7.30	11.13
V4 IgG1	0	31.00	259.0	0.27	11.67	175.3	619.0	137.3	7.23	8.33	11.33
	6	35.67	261.7	0.33	12.00	140.3	590.0	139.3	8.43	9.97	11.63
	24	33.67	257.3	0.20	12.33	154.0	639.0	136.3	7.57	8.10	11.30
	96	35.67	235.7	0.23	11.50	181.7	648.0	135.7	6.67	8.33	11.20
	168	38.67	269.7	0.23	13.33	179.7	657.0	136.7	7.00	8.20	11.33
V4 IgG4	0	38.33	277.0	0.30	11.67	171.3	622.3	135.3	7.23	8.43	11.23
	6	57.00	217.0	0.20	10.00	138.7	469.0	144.3	44.03	8.20	11.15
	24	34.67	275.0	0.33	12.33	158.3	633.0	134.7	6.70	8.07	11.10
	96	36.00	196.3	0.23	11.67	172.0	585.7	138.0	8.90	9.23	11.53
	168	36.00	229.3	0.30	14.00	179.0	644.7	136.3	6.90	7.67	11.23

Figure 65C