
Audit Trail

01 August 2023 13:52:41 User ID: hamilton
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Document saved as: ELISA/230801_AAV9-ELISA_2_20230801_105939

01 August 2023 13:52:41 User ID: hamilton
User started a normal read.
Experiment: AAV9-ELISA
Connected instrument:
VersaMax
ROM v2.0.20 Nov 05 2018

01 August 2023 13:52:41 User ID: hamilton
User started a read.
Experiment: AAV9-ELISA
Section: Plate01

01 August 2023 13:53:08 User ID: hamilton
Read finished.
Experiment: AAV9-ELISA
Section: Plate01

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User exported selected sections.
Exported to: C:\PhotometerTempFile\230801_AAV9-ELISA_2_20230801_105939.xls

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Document closed.

01 August 2023 14:32:28 User ID: user
User opened a document.
Document: ELISA/230801_AAV9-ELISA_2_20230801_105939
Software Version: SoftMax Pro 7.1 GxP
Product Key: Remote

01 August 2023 14:33:20 User ID: user
User exported a document in SoftMax Pro format.
Exported from: ELISA/230801_AAV9-ELISA_2_20230801_105939
Exported to: C:\Data\Experiments\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_2_20230801_105939.sdax

01 August 2023 14:33:44 User ID: user
User exported selected sections.
Exported to: C:\Data\Experiments\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_2_20230801_105939.xls

01 August 2023 14:34:44 User ID: user
User exported selected sections.
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01 August 2023 14:35:34 User ID: user
User exported selected sections.
Exported to: C:\Data\Experiments\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_2_20230801_105939.txt

Plate01													
	1	2	3	4	5	6	7	8	9	10	11	12	
A	1.2055 0.0411 1.1644	0.9205 0.0383 0.8822	0.6101 0.0373 0.5728	0.4239 0.0382 0.3857	1.2068 0.0394 1.1674	0.8503 0.0385 0.8118	0.5830 0.0371 0.5459	0.3760 0.0377 0.3383	0.2403 0.0360 0.2043	0.1358 0.0375 0.0983	0.0968 0.0366 0.0602	0.0412 0.0368 0.0044	
B	0.0445 0.0372 0.0073	0.0430 0.0372 0.0058	0.0430 0.0363 0.0067	0.0421 0.0360 0.0061	0.5796 0.0377 0.5419	0.3593 0.0362 0.3231	0.2148 0.0357 0.1791	0.1323 0.0372 0.0951	0.6047 0.0368 0.5679	0.4083 0.0374 0.3709	0.2379 0.0371 0.2008	0.1527 0.0368 0.1159	
C	0.4258 0.0363 0.3895	0.2601 0.0369 0.2232	0.1737 0.0373 0.1364	0.1120 0.0360 0.0760	0.0563 0.0365 0.0198	0.0485 0.0366 0.0119	0.0454 0.0369 0.0085	0.0442 0.0365 0.0077	0.8403 0.0389 0.8014	0.5189 0.0375 0.4814	0.3310 0.0371 0.2939	0.1865 0.0361 0.1504	
D	0.4446 0.0373 0.4073	0.2811 0.0373 0.2438	0.1659 0.0370 0.1286	0.1109 0.0370 0.0739	0.8627 0.0379 0.8248	0.5658 0.0370 0.5283	0.3712 0.0370 0.3342	0.2290 0.0370 0.1920	0.7607 0.0381 0.7226	0.4576 0.0381 0.4195	0.3191 0.0484 0.2707	0.1818 0.0365 0.1453	
E	0.1333 0.0371 0.0962	0.0987 0.0368 0.0619	0.0695 0.0369 0.0326	0.0563 0.0365 0.0198	0.2144 0.0370 0.1774	0.1316 0.0366 0.0950	0.0961 0.0370 0.0591	0.0681 0.0367 0.0314	0.8509 0.0381 0.8128	0.5461 0.0378 0.5083	0.3427 0.0375 0.3052	0.2060 0.0367 0.1693	
F	0.1027 0.0475 0.0552	0.0678 0.0369 0.0309	0.0552 0.0370 0.0182	0.0499 0.0369 0.0130	0.8586 0.0377 0.8209	0.5704 0.0377 0.5327	0.3480 0.0373 0.3107	0.2211 0.0367 0.1844	0.8381 0.0383 0.7998	0.5141 0.0379 0.4762	0.3239 0.0370 0.2869	0.2121 0.0369 0.1752	
G	0.9450 0.0382 0.9068	0.6482 0.0377 0.6105	0.4686 0.0370 0.4316	0.2752 0.0367 0.2385	0.6520 0.0374 0.6146	0.3479 0.0371 0.3108	0.2419 0.0370 0.2049	0.1519 0.0369 0.1150	0.5519 0.0376 0.5143	0.3195 0.0373 0.2822	0.1920 0.0373 0.1547	0.1310 0.0361 0.0949	
H	0.9785 0.0386 0.9399	0.7163 0.0380 0.6783	0.4774 0.0381 0.4393	0.2946 0.0379 0.2567	0.5770 0.0380 0.5392	0.3740 0.0378 0.3360	0.2424 0.0378 0.2046	0.1609 0.0377 0.1232	0.0428 0.0377 0.0051	0.0428 0.0366 0.0062	0.0440 0.0374 0.0066	0.0442 0.0363 0.0079	

Settings Information



Endpoint

Lm1 450

Lm2 620

More Settings

Shake Off

Calibrate On

Carriage Speed Normal

Column Priority

Read Information

VersaMax

ROM v2.0.20 Nov 05 2018

Start Read : 13:52 01.08.2023

Mean Temperature : 27,1 °C

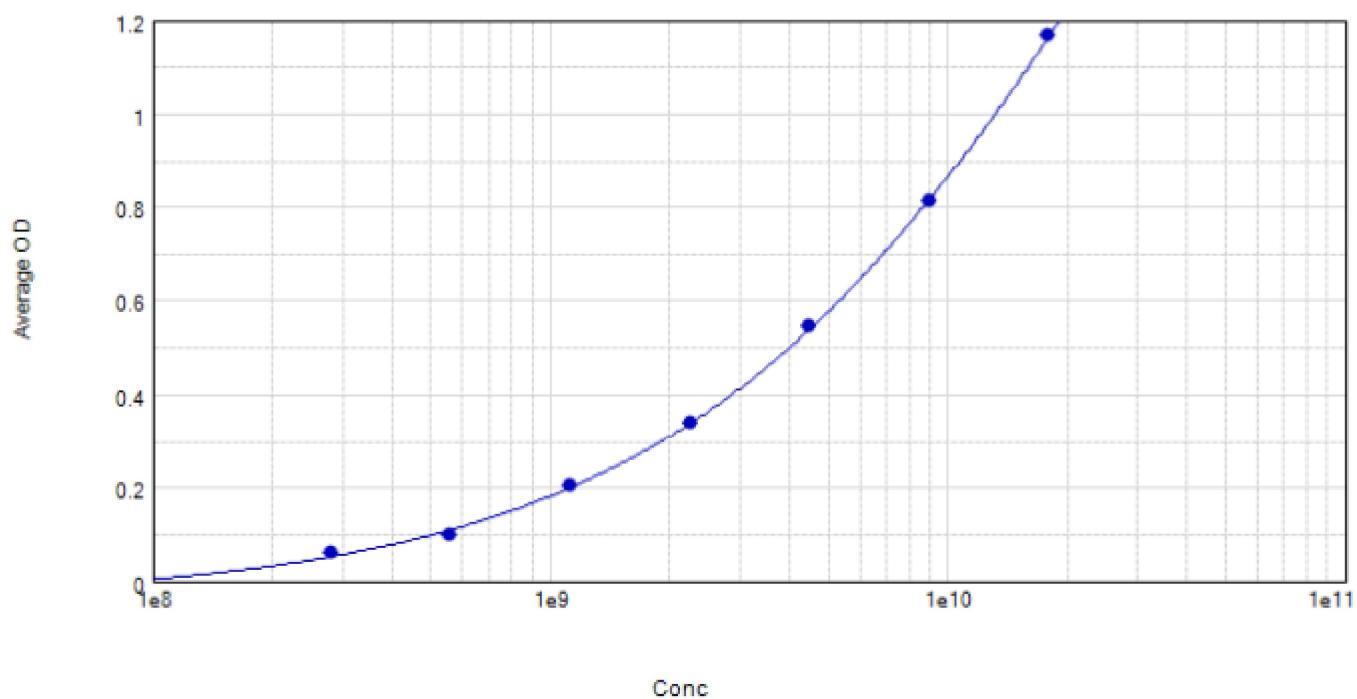
Read By : hamilton



Reduction Settings

Optical Density

Wavelength Combination : !Lm1-!Lm2

Summary**ReferenceCurve****Curve Fit Results ▲**

Curve Fit : 4-Parameter Logistic $y = D + \frac{A - D}{1 + \left(\frac{x}{C}\right)^B}$

	Parameter	Estimated Value	Std. Error	Confidence Interval
STD#1	A	-0.041	0.029	[-0.134, 0.053]
R ² = 1.000	B	0.719	0.090	[0.434, 1.004]
EC50 = 3.76e+10	C	3.76e+10	2.57e+10	[4.43e+10, 1.20e+11]
	D	3.220	0.931	[0.256, 6.183]

Sample	Wells	Standard Value [cp/ml]	OD	BackCalcConc	
01	A5	1.795e10	1.1674	1.800e10	
02	A6	8.977e9	0.8118	8.876e9	
03	A7	4.489e9	0.5459	4.563e9	
04	A8	2.244e9	0.3383	2.240e9	
05	A9	1.122e9	0.2043	1.146e9	
06	A10	5.611e8	0.0983	4.965e8	
07	A11	2.805e8	0.0602	3.126e8	

Control Sample

Index	Well	Dilution	Values	Result	Dil.Result
1	A1	1	1.1644	1.790e10	1.790e10
2	A2	2	0.8822	1.033e10	2.066e10
3	A3	4	0.5728	4.925e9	1.970e10
4	A4	8	0.3857	2.701e9	2.160e10

CS_Mean [cp/ml] = 1.997e10
CS_CV [%] = 7.9

Sample_01

Index	Well	Dilution	Values	Result	Dil.Result
1	B1	1	0.0073	---	---
2	B2	2	0.0058	---	---
3	B3	4	0.0067	----	----
4	B4	8	0.0061	---	---

Sample_01_Mean [cp/ml] = ----

Sample_01_CV [%] = ----

Sample_02

Index	Well	Dilution	Values	Result	Dil.Result
1	C1	1	0.3895	2.739e9	2.739e9
2	C2	2	0.2232	1.282e9	2.564e9
3	C3	4	0.1364	7.075e8	2.830e9
4	C4	8	0.0760	3.854e8	3.083e9

Sample_02_Mean [cp/ml] = 2.804e9

Sample_02_CV [%] = 7.7

Sample_03

Index	Well	Dilution	Values	Result	Dil.Result
1	D1	1	0.4073	2.924e9	2.924e9
2	D2	2	0.2438	1.437e9	2.875e9
3	D3	4	0.1286	6.622e8	2.649e9
4	D4	8	0.0739	3.754e8	3.004e9

Sample_03_Mean [cp/ml] = 2.863e9

Sample_03_CV [%] = 5.3

Sample_04

Index	Well	Dilution	Values	Result	Dil.Result
1	E1	1	0.0962	4.856e8	4.856e8
2	E2	2	0.0619	3.202e8	6.403e8
3	E3	4	0.0326	----	----
4	E4	8	0.0198	----	----

Sample_04_Mean [cp/ml] = 5.630e8

Sample_04_CV [%] = 19.4

Sample_05

Index	Well	Dilution	Values	Result	Dil.Result
1	F1	1	0.0552	----	----
2	F2	2	0.0309	----	----
3	F3	4	0.0182	----	----
4	F4	8	0.0130	----	----

Sample_05_Mean [cp/ml] = ----

Sample_05_CV [%] = ----

Sample_06

Index	Well	Dilution	Values	Result	Dil.Result
1	G1	1	0.9068	1.087e10	1.087e10
2	G2	2	0.6105	5.459e9	1.092e10
3	G3	4	0.4316	3.185e9	1.274e10
4	G4	8	0.2385	1.397e9	1.117e10

Sample_06_Mean [cp/ml] = 1.143e10

Sample_06_CV [%] = 7.7

Sample_07

Index	Well	Dilution	Values	Result	Dil.Result
1	H1	1	0.9399	1.163e10	1.163e10
2	H2	2	0.6783	6.498e9	1.300e10
3	H3	4	0.4393	3.270e9	1.308e10
4	H4	8	0.2567	1.538e9	1.230e10

Sample_07_Mean [cp/ml] = 1.250e10

Sample_07_CV [%] = 5.4

Sample_08

Index	Well	Dilution	Values	Result	Dil.Result
1	B5	1	0.5419	4.510e9	4.510e9
2	B6	2	0.3231	2.101e9	4.201e9
3	B7	4	0.1791	9.743e8	3.897e9
4	B8	8	0.0951	4.800e8	3.840e9

Sample_08_Mean [cp/ml] = 4.112e9

Sample_08_CV [%] = 7.5

Sample_09

Index	Well	Dilution	Values	Result	Dil.Result
1	C5	1	0.0198	----	----
2	C6	2	0.0119	----	----
3	C7	4	0.0085	----	----
4	C8	8	0.0077	----	----

Sample_09_Mean [cp/ml] = ----

Sample_09_CV [%] = ----

Sample_10

Index	Well	Dilution	Values	Result	Dil.Result
1	D5	1	0.8248	9.133e9	9.133e9
2	D6	2	0.5283	4.334e9	8.667e9
3	D7	4	0.3342	2.202e9	8.808e9
4	D8	8	0.1920	1.061e9	8.488e9

Sample_10_Mean [cp/ml] = 8.774e9

Sample_10_CV [%] = 3.1

Sample_11

Index	Well	Dilution	Values	Result	Dil.Result
1	E5	1	0.1774	9.630e8	9.630e8
2	E6	2	0.0950	4.795e8	9.590e8
3	E7	4	0.0591	----	----
4	E8	8	0.0314	----	----

Sample_11_Mean [cp/ml] = 9.610e8

Sample_11_CV [%] = 0.3

Sample_12

Index	Well	Dilution	Values	Result	Dil.Result
1	F5	1	0.8209	9.056e9	9.056e9
2	F6	2	0.5327	4.390e9	8.781e9
3	F7	4	0.3107	1.990e9	7.960e9
4	F8	8	0.1844	1.010e9	8.076e9

Sample_12_Mean [cp/ml] = 8.468e9

Sample_12_CV [%] = 6.3

Sample_13

Index	Well	Dilution	Values	Result	Dil.Result
1	G5	1	0.6146	5.519e9	5.519e9
2	G6	2	0.3108	1.991e9	3.982e9
3	G7	4	0.2049	1.150e9	4.602e9
4	G8	8	0.1150	5.858e8	4.686e9

Sample_13_Mean [cp/ml] = 4.697e9

Sample_13_CV [%] = 13.4

Sample_14

Index	Well	Dilution	Values	Result	Dil.Result
1	H5	1	0.5392	4.475e9	4.475e9
2	H6	2	0.3360	2.219e9	4.437e9
3	H7	4	0.2046	1.148e9	4.593e9
4	H8	8	0.1232	6.315e8	5.052e9

Sample_14_Mean [cp/ml] = 4.639e9

Sample_14_CV [%] = 6.1

Sample_15

Index	Well	Dilution	Values	Result	Dil.Result
1	B9	1	0.5679	4.858e9	4.858e9
2	B10	2	0.3709	2.553e9	5.105e9
3	B11	4	0.2008	1.122e9	4.487e9
4	B12	8	0.1159	5.907e8	4.726e9

Sample_15_Mean [cp/ml] = 4.794e9**Sample_15_CV [%] = 5.4****Sample_16**

Index	Well	Dilution	Values	Result	Dil.Result
1	C9	1	0.8014	8.674e9	8.674e9
2	C10	2	0.4814	3.754e9	7.508e9
3	C11	4	0.2939	1.844e9	7.376e9
4	C12	8	0.1504	7.915e8	6.332e9

Sample_16_Mean [cp/ml] = 7.472e9**Sample_16_CV [%] = 12.8****Sample_17**

Index	Well	Dilution	Values	Result	Dil.Result
1	D9	1	0.7226	7.236e9	7.236e9
2	D10	2	0.4195	3.053e9	6.107e9
3	D11	4	0.2707	1.650e9	6.602e9
4	D12	8	0.1453	7.605e8	6.084e9

Sample_17_Mean [cp/ml] = 6.507e9**Sample_17_CV [%] = 8.3****Sample_18**

Index	Well	Dilution	Values	Result	Dil.Result
1	E9	1	0.8128	8.896e9	8.896e9
2	E10	2	0.5083	4.081e9	8.162e9
3	E11	4	0.3052	1.942e9	7.766e9
4	E12	8	0.1693	9.103e8	7.282e9

Sample_18_Mean [cp/ml] = 8.027e9**Sample_18_CV [%] = 8.5****Sample_19**

Index	Well	Dilution	Values	Result	Dil.Result
1	F9	1	0.7998	8.643e9	8.643e9
2	F10	2	0.4762	3.692e9	7.384e9
3	F11	4	0.2869	1.785e9	7.139e9
4	F12	8	0.1752	9.486e8	7.589e9

Sample_19_Mean [cp/ml] = 7.689e9**Sample_19_CV [%] = 8.6****Sample_20**

Index	Well	Dilution	Values	Result	Dil.Result
1	G9	1	0.5143	4.156e9	4.156e9
2	G10	2	0.2822	1.745e9	3.490e9
3	G11	4	0.1547	8.180e8	3.272e9
4	G12	8	0.0949	4.790e8	3.832e9

Sample_20_Mean [cp/ml] = 3.688e9**Sample_20_CV [%] = 10.5****Sample_21**

Index	Well	Dilution	Values	Result	Dil.Result
1	H9	1	0.0051	----	----
2	H10	2	0.0062	----	----
3	H11	4	0.0066	----	----
4	H12	8	0.0079	----	----

Sample_21_Mean [cp/ml] = ----**Sample_21_CV [%] = ----**