
Audit Trail

01 August 2023 14:06:43 User ID: hamilton
User saved a document using Save or Save As.
Document saved as: ELISA/230801_AAV9-ELISA_3_20230801_105939

01 August 2023 14:06:43 User ID: hamilton
User started a normal read.
Experiment: AAV9-ELISA
Connected instrument:
VersaMax
ROM v2.0.20 Nov 05 2018

01 August 2023 14:06:43 User ID: hamilton
User started a read.
Experiment: AAV9-ELISA
Section: Plate01

01 August 2023 14:07:10 User ID: hamilton
Read finished.
Experiment: AAV9-ELISA
Section: Plate01

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01 August 2023 14:07:10 User ID: hamilton
User exported selected sections.
Exported to: C:\PhotometerTempFile\230801_AAV9-ELISA_3_20230801_105939.xls

01 August 2023 14:07:10 User ID: hamilton
Document closed.

01 August 2023 14:39:11 User ID: user
User opened a document.
Document: ELISA/230801_AAV9-ELISA_3_20230801_105939
Software Version: SoftMax Pro 7.1 GxP
Product Key: Remote

01 August 2023 14:39:50 User ID: user
User exported a document in SoftMax Pro format.
Exported from: ELISA/230801_AAV9-ELISA_3_20230801_105939
Exported to: C:\Data\Experiments\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_sey_GN004240-053\230801_AAV9-ELISA_3_20230801_105939.sdax

01 August 2023 14:39:59 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_3_20230801_105939.txt

01 August 2023 14:40:13 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_3_20230801_105939.xls

Plate01													
	1	2	3	4	5	6	7	8	9	10	11	12	
A	1.2707 0.0394 1.2313	0.9784 0.0383 0.9401	0.6361 0.0378 0.5983	0.3976 0.0377 0.3599	1.2551 0.0380 1.2171	0.8572 0.0381 0.8191	0.6141 0.0386 0.5755	0.3690 0.0374 0.3316	0.2307 0.0368 0.1939	0.1479 0.0366 0.1113	0.0966 0.0373 0.0593	0.0448 0.0361 0.0087	
B	0.0453 0.0368 0.0085	0.0442 0.0370 0.0072	0.0434 0.0371 0.0063	0.0440 0.0371 0.0069	0.7540 0.0372 0.7168	0.5226 0.0385 0.4841	0.3272 0.0374 0.2898	0.2002 0.0370 0.1632	0.8851 0.0384 0.8467	0.5530 0.0376 0.5154	0.3351 0.0385 0.2966	0.1994 0.0373 0.1621	
C	0.6475 0.0372 0.6103	0.4151 0.0375 0.3776	0.2580 0.0378 0.2202	0.1633 0.0370 0.1263	0.0834 0.0371 0.0463	0.0614 0.0373 0.0241	0.0527 0.0371 0.0156	0.0469 0.0367 0.0102	0.9844 0.0383 0.9461	0.6399 0.0380 0.6019	0.4256 0.0375 0.3881	0.2474 0.0372 0.2102	
D	0.6360 0.0374 0.5986	0.4399 0.0379 0.4020	0.2789 0.0379 0.2410	0.1632 0.0369 0.1263	1.1703 0.0384 1.1319	0.8334 0.0388 0.7946	0.5504 0.0375 0.5129	0.3288 0.0370 0.2918	0.9111 0.0389 0.8722	0.5503 0.0379 0.5124	0.3583 0.0379 0.3204	0.2167 0.0371 0.1796	
E	0.2075 0.0366 0.1709	0.1208 0.0369 0.0839	0.0839 0.0370 0.0469	0.0644 0.0369 0.0275	0.2499 0.0371 0.2128	0.1626 0.0362 0.1264	0.1075 0.0365 0.0710	0.0800 0.0366 0.0434	1.0139 0.0390 0.9749	0.6872 0.0390 0.6482	0.4388 0.0373 0.4015	0.2738 0.0364 0.2374	
F	0.1064 0.0367 0.0697	0.0736 0.0368 0.0368	0.0595 0.0369 0.0226	0.0531 0.0369 0.0162	1.0102 0.0385 0.9717	0.7139 0.0374 0.6765	0.4571 0.0378 0.4193	0.2878 0.0366 0.2512	1.0444 0.0385 1.0059	0.6848 0.0386 0.6462	0.4333 0.0368 0.3965	0.2818 0.0367 0.2451	
G	1.2864 0.0390 1.2474	0.9039 0.0384 0.8655	0.6271 0.0371 0.5900	0.3986 0.0364 0.3622	0.7432 0.0387 0.7045	0.4311 0.0354 0.3957	0.2860 0.0357 0.2503	0.1812 0.0363 0.1449	0.9912 0.0378 0.9534	0.6674 0.0373 0.6301	0.4602 0.0376 0.4226	0.2578 0.0383 0.2195	
H	1.2930 0.0398 1.2532	0.9753 0.0391 0.9362	0.6571 0.0382 0.6189	0.4387 0.0386 0.4001	0.8312 0.0390 0.7922	0.5137 0.0378 0.4759	0.3112 0.0364 0.2748	0.1908 0.0376 0.1532	0.0432 0.0376 0.0056	0.0433 0.0377 0.0056	0.0436 0.0380 0.0056	0.0438 0.0370 0.0068	

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 : 14:06 01.08.2023

Mean Temperature : 26,9 °C

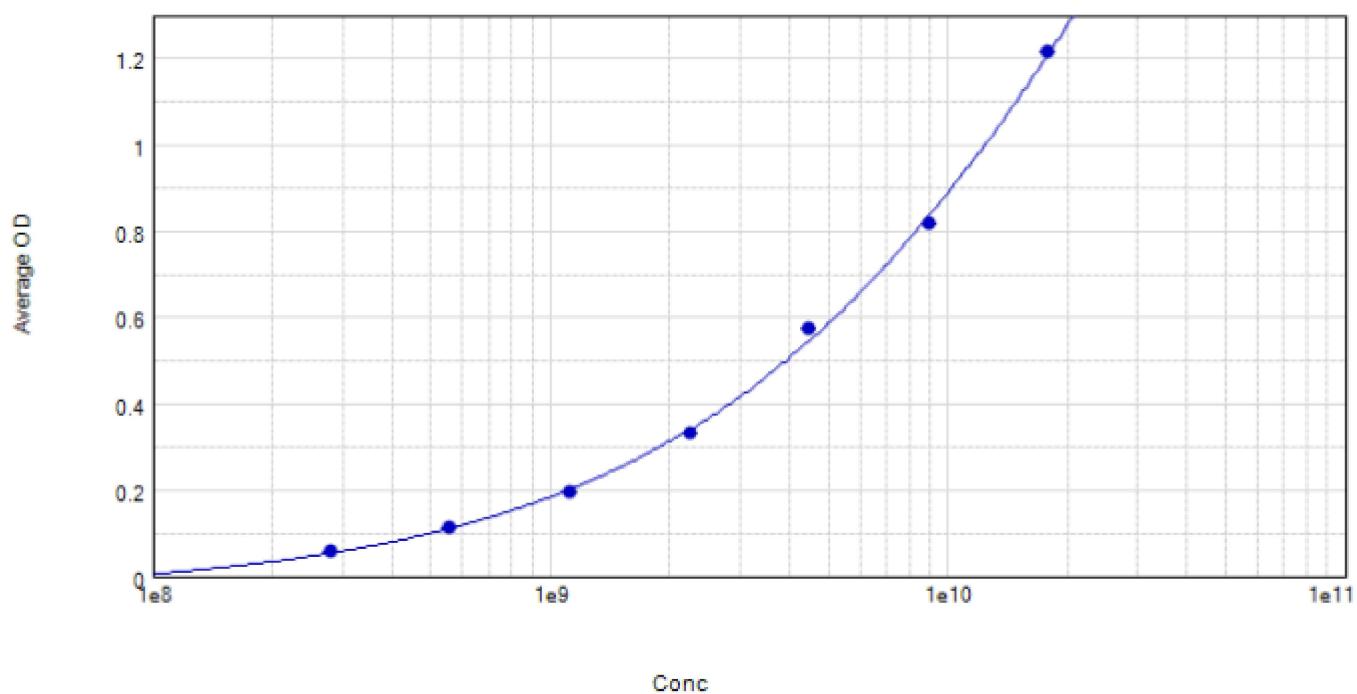
Read By : hamilton



Reduction Settings

Optical Density

Wavelength Combination : !Lm1-!Lm2

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

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

	Parameter	Estimated Value	Std. Error	Confidence Interval
STD#1	A	-0.039	0.063	[-0.240, 0.161]
R ² = 0.999	B	0.714	0.191	[0.105, 1.323]
EC50 = 4.83e+10	C	4.83e+10	8.18e+10	[-2.12e+11, 3.09e+11]
	D	3.754	2.732	[-4.939, 12.45]

Sample	Wells	Standard Value [cp/ml]	OD	BackCalcConc	
01	A5	1.795e10	1.2171	1.807e10	
02	A6	8.977e9	0.8191	8.645e9	
03	A7	4.489e9	0.5755	4.846e9	
04	A8	2.244e9	0.3316	2.154e9	
05	A9	1.122e9	0.1939	1.064e9	
06	A10	5.611e8	0.1113	5.590e8	
07	A11	2.805e8	0.0593	3.030e8	

Control Sample

Index	Well	Dilution	Values	Result	Dil.Result	
1	A1	1	1.2313	*****	*****	
2	A2	2	0.9401	1.103e10	2.206e10	
3	A3	4	0.5983	5.151e9	2.060e10	
4	A4	8	0.3599	2.415e9	1.932e10	

CS_Mean [cp/ml] = 2.066e10

CS_CV [%] = 6.6

Sample_01

Index	Well	Dilution	Values	Result	Dil.Result
1	B1	1	0.0085	---	---
2	B2	2	0.0072	---	---
3	B3	4	0.0063	----	----
4	B4	8	0.0069	---	---

Sample_01_Mean [cp/ml] = ----

Sample_01_CV [%] = ----

Sample_02

Index	Well	Dilution	Values	Result	Dil.Result
1	C1	1	0.6103	5.315e9	5.315e9
2	C2	2	0.3776	2.585e9	5.170e9
3	C3	4	0.2202	1.249e9	4.996e9
4	C4	8	0.1263	6.421e8	5.137e9

Sample_02_Mean [cp/ml] = 5.154e9

Sample_02_CV [%] = 2.5

Sample_03

Index	Well	Dilution	Values	Result	Dil.Result
1	D1	1	0.5986	5.155e9	5.155e9
2	D2	2	0.4020	2.828e9	5.656e9
3	D3	4	0.2410	1.403e9	5.611e9
4	D4	8	0.1263	6.421e8	5.137e9

Sample_03_Mean [cp/ml] = 5.390e9

Sample_03_CV [%] = 5.2

Sample_04

Index	Well	Dilution	Values	Result	Dil.Result
1	E1	1	0.1709	9.122e8	9.122e8
2	E2	2	0.0839	4.177e8	8.354e8
3	E3	4	0.0469	----	----
4	E4	8	0.0275	----	----

Sample_04_Mean [cp/ml] = 8.738e8

Sample_04_CV [%] = 6.2

Sample_05

Index	Well	Dilution	Values	Result	Dil.Result
1	F1	1	0.0697	3.500e8	3.500e8
2	F2	2	0.0368	----	----
3	F3	4	0.0226	----	----
4	F4	8	0.0162	----	----

Sample_05_Mean [cp/ml] = 3.500e8

Sample_05_CV [%] = 0.0

Sample_06

Index	Well	Dilution	Values	Result	Dil.Result
1	G1	1	1.2474	*****	*****
2	G2	2	0.8655	9.516e9	1.903e10
3	G3	4	0.5900	5.038e9	2.015e10
4	G4	8	0.3622	2.437e9	1.949e10

Sample_06_Mean [cp/ml] = 1.956e10

Sample_06_CV [%] = 2.9

Sample_07

Index	Well	Dilution	Values	Result	Dil.Result
1	H1	1	1.2532	*****	*****
2	H2	2	0.9362	1.095e10	2.189e10
3	H3	4	0.6189	5.435e9	2.174e10
4	H4	8	0.4001	2.808e9	2.247e10

Sample_07_Mean [cp/ml] = 2.203e10

Sample_07_CV [%] = 1.7

Sample_08

Index	Well	Dilution	Values	Result	Dil.Result
1	B5	1	0.7168	6.899e9	6.899e9
2	B6	2	0.4841	3.718e9	7.435e9
3	B7	4	0.2898	1.791e9	7.164e9
4	B8	8	0.1632	8.631e8	6.905e9

Sample_08_Mean [cp/ml] = 7.101e9

Sample_08_CV [%] = 3.6

Sample_09

Index	Well	Dilution	Values	Result	Dil.Result
1	C5	1	0.0463	----	----
2	C6	2	0.0241	----	----
3	C7	4	0.0156	----	----
4	C8	8	0.0102	----	----

Sample_09_Mean [cp/ml] = ----

Sample_09_CV [%] = ----

Sample_10

Index	Well	Dilution	Values	Result	Dil.Result
1	D5	1	1.1319	1.564e10	1.564e10
2	D6	2	0.7946	8.206e9	1.641e10
3	D7	4	0.5129	4.057e9	1.623e10
4	D8	8	0.2918	1.808e9	1.446e10

Sample_10_Mean [cp/ml] = 1.569e10

Sample_10_CV [%] = 5.6

Sample_11

Index	Well	Dilution	Values	Result	Dil.Result
1	E5	1	0.2128	1.196e9	1.196e9
2	E6	2	0.1264	6.427e8	1.285e9
3	E7	4	0.0710	3.561e8	1.424e9
4	E8	8	0.0434	----	----

Sample_11_Mean [cp/ml] = 1.302e9

Sample_11_CV [%] = 8.8

Sample_12

Index	Well	Dilution	Values	Result	Dil.Result
1	F5	1	0.9717	1.171e10	1.171e10
2	F6	2	0.6765	6.273e9	1.255e10
3	F7	4	0.4193	3.006e9	1.202e10
4	F8	8	0.2512	1.481e9	1.185e10

Sample_12_Mean [cp/ml] = 1.203e10

Sample_12_CV [%] = 3.0

Sample_13

Index	Well	Dilution	Values	Result	Dil.Result
1	G5	1	0.7045	6.704e9	6.704e9
2	G6	2	0.3957	2.764e9	5.528e9
3	G7	4	0.2503	1.474e9	5.896e9
4	G8	8	0.1449	7.506e8	6.005e9

Sample_13_Mean [cp/ml] = 6.033e9

Sample_13_CV [%] = 8.1

Sample_14

Index	Well	Dilution	Values	Result	Dil.Result
1	H5	1	0.7922	8.163e9	8.163e9
2	H6	2	0.4759	3.624e9	7.247e9
3	H7	4	0.2748	1.668e9	6.670e9
4	H8	8	0.1532	8.010e8	6.408e9

Sample_14_Mean [cp/ml] = 7.122e9

Sample_14_CV [%] = 10.9

Sample_15

Index	Well	Dilution	Values	Result	Dil.Result
1	B9	1	0.8467	9.157e9	9.157e9
2	B10	2	0.5154	4.087e9	8.174e9
3	B11	4	0.2966	1.848e9	7.392e9
4	B12	8	0.1621	8.562e8	6.850e9

Sample_15_Mean [cp/ml] = 7.893e9**Sample_15_CV [%] = 12.7****Sample_16**

Index	Well	Dilution	Values	Result	Dil.Result
1	C9	1	0.9461	1.116e10	1.116e10
2	C10	2	0.6019	5.200e9	1.040e10
3	C11	4	0.3881	2.688e9	1.075e10
4	C12	8	0.2102	1.177e9	9.420e9

Sample_16_Mean [cp/ml] = 1.043e10**Sample_16_CV [%] = 7.1****Sample_17**

Index	Well	Dilution	Values	Result	Dil.Result
1	D9	1	0.8722	9.647e9	9.647e9
2	D10	2	0.5124	4.051e9	8.102e9
3	D11	4	0.3204	2.054e9	8.215e9
4	D12	8	0.1796	9.687e8	7.750e9

Sample_17_Mean [cp/ml] = 8.428e9**Sample_17_CV [%] = 9.9****Sample_18**

Index	Well	Dilution	Values	Result	Dil.Result
1	E9	1	0.9749	1.179e10	1.179e10
2	E10	2	0.6482	5.853e9	1.171e10
3	E11	4	0.4015	2.823e9	1.129e10
4	E12	8	0.2374	1.376e9	1.101e10

Sample_18_Mean [cp/ml] = 1.145e10**Sample_18_CV [%] = 3.2****Sample_19**

Index	Well	Dilution	Values	Result	Dil.Result
1	F9	1	1.0059	1.249e10	1.249e10
2	F10	2	0.6462	5.824e9	1.165e10
3	F11	4	0.3965	2.772e9	1.109e10
4	F12	8	0.2451	1.434e9	1.147e10

Sample_19_Mean [cp/ml] = 1.167e10**Sample_19_CV [%] = 5.1****Sample_20**

Index	Well	Dilution	Values	Result	Dil.Result
1	G9	1	0.9534	1.131e10	1.131e10
2	G10	2	0.6301	5.593e9	1.119e10
3	G11	4	0.4226	3.040e9	1.216e10
4	G12	8	0.2195	1.244e9	9.951e9

Sample_20_Mean [cp/ml] = 1.115e10**Sample_20_CV [%] = 8.2****Sample_21**

Index	Well	Dilution	Values	Result	Dil.Result
1	H9	1	0.0056	----	----
2	H10	2	0.0056	----	----
3	H11	4	0.0056	----	----
4	H12	8	0.0068	----	----

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