
Audit Trail

26 April 2023 12:23:24 User ID: hamilton
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Document saved as: ELISA/230426_AAV9-ELISA_2_20230426_092109

26 April 2023 12:23:24 User ID: hamilton
User started a normal read.
Experiment: AAV9-ELISA
Connected instrument:
VersaMax
ROM v2.0.20 Nov 05 2018

26 April 2023 12:23:24 User ID: hamilton
User started a read.
Experiment: AAV9-ELISA
Section: Plate01

26 April 2023 12:23:50 User ID: hamilton
Read finished.
Experiment: AAV9-ELISA
Section: Plate01

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26 April 2023 12:23:51 User ID: hamilton
User exported selected sections.
Exported to: C:\Users\Hamilton\Documents\Experiments\200731_Hamilton_Daten-Sammlung\230426_AAV9-ELISA_1_20230426_092109.xls

26 April 2023 12:23:51 User ID: hamilton
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26 April 2023 12:28:30 User ID: user
User opened a document.
Document: ELISA/230426_AAV9-ELISA_2_20230426_092109
Software Version: SoftMax Pro 7.1 GxP
Product Key: Remote

26 April 2023 12:29:50 User ID: user
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26 April 2023 13:33:41 User ID: user
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Document: ELISA/230426_AAV9-ELISA_2_20230426_092109
Software Version: SoftMax Pro 7.1 GxP
Product Key: Remote

26 April 2023 13:34:24 User ID: user
User exported a document in SoftMax Pro format.
Exported from: ELISA/230426_AAV9-ELISA_2_20230426_092109
Exported to: C:\Data\Experiments\230426_AAV9-ELISA_sey_GN004240-033\230426_AAV9-ELISA_sey_GN004240-033\230426_AAV9-ELISA_2_20230426_092109.sdax

26 April 2023 13:34:38 User ID: user
User exported selected sections.
Exported to: C:\Data\Experiments\230426_AAV9-ELISA_sey_GN004240-033\230426_AAV9-ELISA_sey_GN004240-033\230426_AAV9-ELISA_2_20230426_092109.xls

Plate01												
	1	2	3	4	5	6	7	8	9	10	11	12
A	1.4173 0.0399 1.3774	1.0025 0.0389 0.9636	0.5957 0.0382 0.5575	0.3434 0.0378 0.3056	1.4833 0.0394 1.4439	0.8592 0.0385 0.8207	0.4956 0.0377 0.4579	0.3078 0.0376 0.2702	0.1886 0.0373 0.1513	0.1174 0.0376 0.0798	0.0862 0.0365 0.0497	0.0464 0.0359 0.0105
	0.6744 0.0384 0.6360	0.3738 0.0384 0.3354	0.2386 0.0368 0.2018	0.1494 0.0362 0.1132	0.7202 0.0377 0.6825	0.3783 0.0362 0.3421	0.2339 0.0369 0.1970	0.1390 0.0378 0.1012	3.0011 0.0422 2.9589	2.4716 0.0419 2.4297	2.0474 0.0401 2.0073	1.4248 0.0386 1.3862
	0.6881 0.0367 0.6514	0.3836 0.0373 0.3463	0.2427 0.0372 0.2055	0.1696 0.0361 0.1335	1.1480 0.0379 1.1101	0.6705 0.0375 0.6330	0.3803 0.0376 0.3427	0.2581 0.0367 0.2214	3.0725 0.0425 3.0300	2.6435 0.0445 2.5990	2.3408 0.0433 2.2975	1.7180 0.0391 1.6789
D	0.7448 0.0379 0.7069	0.4405 0.0378 0.4027	0.2692 0.0375 0.2317	0.1587 0.0370 0.1217	1.0765 0.0384 1.0381	0.7337 0.0387 0.6950	0.4131 0.0375 0.3756	0.2505 0.0372 0.2133	2.8067 0.0417 2.7650	2.4498 0.0407 2.4091	2.0751 0.0411 2.0340	1.6788 0.0376 1.6412
	1.0996 0.0386 1.0610	0.6447 0.0379 0.6068	0.3814 0.0375 0.3439	0.2413 0.0368 0.2045	2.3161 0.0443 2.2718	1.6267 0.0393 1.5874	1.2390 0.0385 1.2005	0.8018 0.0383 0.7635	3.1924 0.0464 3.1460	2.7574 0.0412 2.7162	2.2437 0.0409 2.2028	1.6209 0.0390 1.5819
	1.6459 0.0399 1.6060	1.1200 0.0389 1.0811	0.6760 0.0378 0.6382	0.4203 0.0378 0.3825	0.8883 0.0377 0.8506	0.4625 0.0383 0.4242	0.2925 0.0366 0.2559	0.1736 0.0364 0.1372	2.7867 0.0439 2.7428	2.8694 0.0424 2.8270	2.2335 0.0406 2.1929	1.6908 0.0394 1.6514
G	1.0612 0.0383 1.0229	0.5948 0.0372 0.5576	0.3667 0.0368 0.3299	0.2419 0.0365 0.2054	3.4027 0.0445 3.3582	3.2504 0.0430 3.2074	2.8049 0.0431 2.7618	2.4374 0.0407 2.3967	3.1459 0.0419 3.1040	2.8276 0.0415 2.7861	2.1781 0.0407 2.1374	1.7567 0.0397 1.7170
	2.3107 0.0422 2.2685	1.5667 0.0399 1.5268	1.3492 0.0397 1.3095	0.8404 0.0388 0.8016	2.9575 0.0414 2.9161	2.5241 0.0415 2.4826	2.1556 0.0409 2.1147	1.5844 0.0397 1.5447	0.5688 0.0378 0.5310	0.3374 0.0364 0.3010	0.1963 0.0364 0.1588	0.1209 0.0360 0.0849

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 : 12:23 26.04.2023

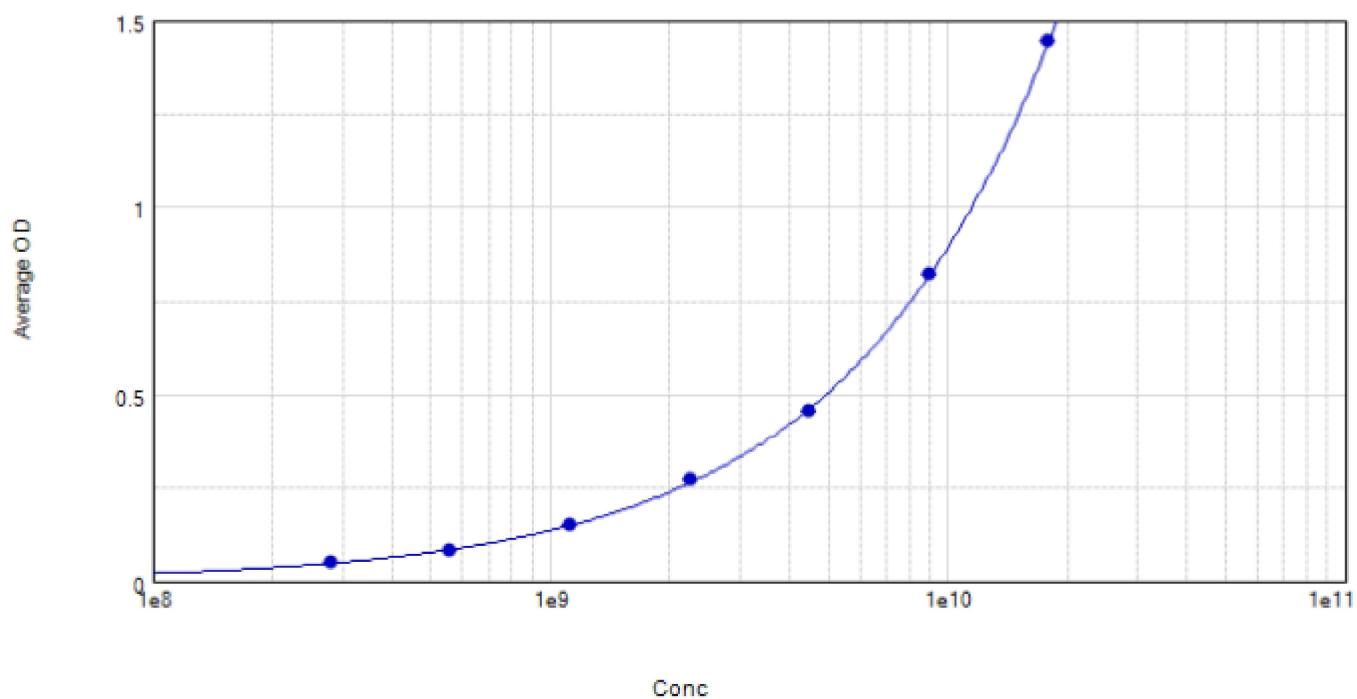
Mean Temperature : 26,8 °C

Read By : hamilton

**Σ 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	2.72e-4	0.012	[-0.038, 0.039]
R ² = 1.000	B	0.818	0.057	[0.636, 1.001]
EC50 = 3.62e+16	C	3.62e+16	5.83e+20	[-1.86e+21, 1.86e+21]
	D	2.09e+5	2.75e+9	[-8.76e+9, 8.76e+9]

Sample	Wells	Standard Value [cp/ml]	OD	BackCalcConc	
01	A5	1.795e10	1.4439	1.795e10	
02	A6	8.977e9	0.8207	9.001e9	
03	A7	4.489e9	0.4579	4.411e9	
04	A8	2.244e9	0.2702	2.314e9	
05	A9	1.122e9	0.1513	1.138e9	
06	A10	5.611e8	0.0798	5.200e8	
07	A11	2.805e8	0.0497	2.908e8	

Control Sample

Index	Well	Dilution	Values	Result	Dil.Result
1	A1	1	1.3774	1.695e10	1.695e10
2	A2	2	0.9636	1.095e10	2.190e10
3	A3	4	0.5575	5.611e9	2.244e10
4	A4	8	0.3056	2.690e9	2.152e10

CS_Mean [cp/ml] = 2.070e10
CS_CV [%] = 12.2

Sample_01

Index	Well	Dilution	Values	Result	Dil.Result
1	B1	1	0.6360	6.591e9	6.591e9
2	B2	2	0.3354	3.015e9	6.029e9
3	B3	4	0.2018	1.620e9	6.478e9
4	B4	8	0.1132	7.981e8	6.385e9

Sample_01_Mean [cp/ml] = 6.371e9**Sample_01_CV [%] = 3.8****Sample_02**

Index	Well	Dilution	Values	Result	Dil.Result
1	C1	1	0.6514	6.787e9	6.787e9
2	C2	2	0.3463	3.135e9	6.270e9
3	C3	4	0.2055	1.656e9	6.624e9
4	C4	8	0.1335	9.767e8	7.814e9

Sample_02_Mean [cp/ml] = 6.874e9**Sample_02_CV [%] = 9.6****Sample_03**

Index	Well	Dilution	Values	Result	Dil.Result
1	D1	1	0.7069	7.500e9	7.500e9
2	D2	2	0.4027	3.770e9	7.540e9
3	D3	4	0.2317	1.918e9	7.671e9
4	D4	8	0.1217	8.721e8	6.977e9

Sample_03_Mean [cp/ml] = 7.422e9**Sample_03_CV [%] = 4.1****Sample_04**

Index	Well	Dilution	Values	Result	Dil.Result
1	E1	1	1.0610	1.232e10	1.232e10
2	E2	2	0.6068	6.223e9	1.245e10
3	E3	4	0.3439	3.108e9	1.243e10
4	E4	8	0.2045	1.646e9	1.317e10

Sample_04_Mean [cp/ml] = 1.259e10**Sample_04_CV [%] = 3.1****Sample_05**

Index	Well	Dilution	Values	Result	Dil.Result
1	F1	1	1.6060	*****	*****
2	F2	2	1.0811	1.261e10	2.521e10
3	F3	4	0.6382	6.619e9	2.648e10
4	F4	8	0.3825	3.540e9	2.832e10

Sample_05_Mean [cp/ml] = 2.667e10**Sample_05_CV [%] = 5.9****Sample_06**

Index	Well	Dilution	Values	Result	Dil.Result
1	G1	1	1.0229	1.178e10	1.178e10
2	G2	2	0.5576	5.612e9	1.122e10
3	G3	4	0.3299	2.954e9	1.182e10
4	G4	8	0.2054	1.655e9	1.324e10

Sample_06_Mean [cp/ml] = 1.202e10**Sample_06_CV [%] = 7.2****Sample_07**

Index	Well	Dilution	Values	Result	Dil.Result
1	H1	1	2.2685	*****	*****
2	H2	2	1.5268	*****	*****
3	H3	4	1.3095	1.593e10	6.373e10
4	H4	8	0.8016	8.746e9	6.997e10

Sample_07_Mean [cp/ml] = 6.685e10**Sample_07_CV [%] = 6.6**

Sample_08

Index	Well	Dilution	Values	Result	Dil.Result
1	B5	1	0.6825	7.185e9	7.185e9
2	B6	2	0.3421	3.088e9	6.177e9
3	B7	4	0.1970	1.573e9	6.290e9
4	B8	8	0.1012	6.958e8	5.566e9

Sample_08_Mean [cp/ml] = 6.304e9

Sample_08_CV [%] = 10.6

Sample_09

Index	Well	Dilution	Values	Result	Dil.Result
1	C5	1	1.1101	1.302e10	1.302e10
2	C6	2	0.6330	6.553e9	1.311e10
3	C7	4	0.3427	3.095e9	1.238e10
4	C8	8	0.2214	1.814e9	1.451e10

Sample_09_Mean [cp/ml] = 1.325e10

Sample_09_CV [%] = 6.8

Sample_10

Index	Well	Dilution	Values	Result	Dil.Result
1	D5	1	1.0381	1.200e10	1.200e10
2	D6	2	0.6950	7.346e9	1.469e10
3	D7	4	0.3756	3.462e9	1.385e10
4	D8	8	0.2133	1.733e9	1.386e10

Sample_10_Mean [cp/ml] = 1.360e10

Sample_10_CV [%] = 8.4

Sample_11

Index	Well	Dilution	Values	Result	Dil.Result
1	E5	1	2.2718	+++++	+++++
2	E6	2	1.5874	+++++	+++++
3	E7	4	1.2005	1.433e10	5.731e10
4	E8	8	0.7635	8.240e9	6.592e10

Sample_11_Mean [cp/ml] = 6.162e10

Sample_11_CV [%] = 9.9

Sample_12

Index	Well	Dilution	Values	Result	Dil.Result
1	F5	1	0.8506	9.404e9	9.404e9
2	F6	2	0.4242	4.018e9	8.035e9
3	F7	4	0.2559	2.165e9	8.662e9
4	F8	8	0.1372	1.010e9	8.080e9

Sample_12_Mean [cp/ml] = 8.545e9

Sample_12_CV [%] = 7.5

Sample_13

Index	Well	Dilution	Values	Result	Dil.Result
1	G5	1	3.3582	+++++	+++++
2	G6	2	3.2074	+++++	+++++
3	G7	4	2.7618	+++++	+++++
4	G8	8	2.3967	+++++	+++++

Sample_13_Mean [cp/ml] = +++++

Sample_13_CV [%] = +++++

Sample_14

Index	Well	Dilution	Values	Result	Dil.Result
1	H5	1	2.9161	+++++	+++++
2	H6	2	2.4826	+++++	+++++
3	H7	4	2.1147	+++++	+++++
4	H8	8	1.5447	+++++	+++++

Sample_14_Mean [cp/ml] = +++++

Sample_14_CV [%] = +++++

Sample_15

Index	Well	Dilution	Values	Result	Dil.Result
1	B9	1	2.9589	+++++	+++++
2	B10	2	2.4297	+++++	+++++
3	B11	4	2.0073	+++++	+++++
4	B12	8	1.3862	1.708e10	1.366e11

Sample_15_Mean [cp/ml] = 1.366e11

Sample_15_CV [%] = 0.0

Sample_16

Index	Well	Dilution	Values	Result	Dil.Result
1	C9	1	3.0300	+++++	+++++
2	C10	2	2.5990	+++++	+++++
3	C11	4	2.2975	+++++	+++++
4	C12	8	1.6789	+++++	+++++

Sample_16_Mean [cp/ml] = +++++

Sample_16_CV [%] = +++++

Sample_17

Index	Well	Dilution	Values	Result	Dil.Result
1	D9	1	2.7650	+++++	+++++
2	D10	2	2.4091	+++++	+++++
3	D11	4	2.0340	+++++	+++++
4	D12	8	1.6412	+++++	+++++

Sample_17_Mean [cp/ml] = +++++

Sample_17_CV [%] = +++++

Sample_18

Index	Well	Dilution	Values	Result	Dil.Result
1	E9	1	3.1460	+++++	+++++
2	E10	2	2.7162	+++++	+++++
3	E11	4	2.2028	+++++	+++++
4	E12	8	1.5819	+++++	+++++

Sample_18_Mean [cp/ml] = +++++

Sample_18_CV [%] = +++++

Sample_19

Index	Well	Dilution	Values	Result	Dil.Result
1	F9	1	2.7428	+++++	+++++
2	F10	2	2.8270	+++++	+++++
3	F11	4	2.1929	+++++	+++++
4	F12	8	1.6514	+++++	+++++

Sample_19_Mean [cp/ml] = +++++

Sample_19_CV [%] = +++++

Sample_20

Index	Well	Dilution	Values	Result	Dil.Result
1	G9	1	3.1040	+++++	+++++
2	G10	2	2.7861	+++++	+++++
3	G11	4	2.1374	+++++	+++++
4	G12	8	1.7170	+++++	+++++

Sample_20_Mean [cp/ml] = +++++

Sample_20_CV [%] = +++++

Sample_21

Index	Well	Dilution	Values	Result	Dil.Result
1	H9	1	0.5310	5.287e9	5.287e9
2	H10	2	0.3010	2.641e9	5.282e9
3	H11	4	0.1588	1.208e9	4.832e9
4	H12	8	0.0849	5.610e8	4.488e9

Sample_21_Mean [cp/ml] = 4.972e9

Sample_21_CV [%] = 7.8