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**Audit Trail**

12 July 2023 14:04:26 User ID: hamilton  
User saved a document using Save or Save As.  
Document saved as: ELISA/230712\_AAV8-ELISA\_2\_20230712\_090748

12 July 2023 14:04:26 User ID: hamilton  
User started a normal read.  
Experiment: AAV8-ELISA  
Connected instrument:  
VersaMax  
ROM v2.0.20 Nov 05 2018

12 July 2023 14:04:26 User ID: hamilton  
User started a read.  
Experiment: AAV8-ELISA  
Section: Plate01

12 July 2023 14:04:51 User ID: hamilton  
Read finished.  
Experiment: AAV8-ELISA  
Section: Plate01

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12 July 2023 14:04:52 User ID: hamilton  
User exported selected sections.  
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12 July 2023 14:04:52 User ID: hamilton  
Document closed.

12 July 2023 14:25:14 User ID: user  
User opened a document.  
Document: ELISA/230712\_AAV8-ELISA\_2\_20230712\_090748  
Software Version: SoftMax Pro 7.1 GxP  
Product Key: Remote

12 July 2023 14:34:20 User ID: user  
User exported a document in SoftMax Pro format.  
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Exported to: C:\Data\Experiments\230712\_AAV8-ELISA\_sey\_GN004240-048\230712\_AAV8-ELISA\_sey\_GN004240-048\230712\_AAV8-ELISA\_2\_20230712\_090748.sdax

12 July 2023 14:34:34 User ID: user  
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Plate01													
	1	2	3	4	5	6	7	8	9	10	11	12	
A	1.3698 0.0396 <b>1.3302</b>	0.7168 0.0392 <b>0.6776</b>	0.4811 0.0374 <b>0.4437</b>	0.2785 0.0373 <b>0.2412</b>	1.5890 0.0387 <b>1.5503</b>	1.0052 0.0383 <b>0.9669</b>	0.6213 0.0381 <b>0.5832</b>	0.3717 0.0372 <b>0.3345</b>	0.2072 0.0365 <b>0.1707</b>	0.1306 0.0364 <b>0.0942</b>	0.0976 0.0371 <b>0.0605</b>	0.0493 0.0359 <b>0.0134</b>	
B	0.5015 0.0375 <b>0.4640</b>	0.3152 0.0373 <b>0.2779</b>	0.2017 0.0381 <b>0.1636</b>	0.1238 0.0370 <b>0.0868</b>	0.4192 0.0366 <b>0.3826</b>	0.2595 0.0376 <b>0.2219</b>	0.1685 0.0368 <b>0.1317</b>	0.1124 0.0366 <b>0.0758</b>	0.5321 0.0376 <b>0.4945</b>	0.3156 0.0369 <b>0.2787</b>	0.2005 0.0371 <b>0.1634</b>	0.1338 0.0371 <b>0.0967</b>	
C	0.5441 0.0375 <b>0.5066</b>	0.3526 0.0372 <b>0.3154</b>	0.2074 0.0371 <b>0.1703</b>	0.1314 0.0369 <b>0.0945</b>	0.4985 0.0378 <b>0.4607</b>	0.2860 0.0372 <b>0.2488</b>	0.1748 0.0369 <b>0.1379</b>	0.1174 0.0367 <b>0.0807</b>	0.4365 0.0372 <b>0.3993</b>	0.2524 0.0369 <b>0.2155</b>	0.1615 0.0371 <b>0.1244</b>	0.1020 0.0369 <b>0.0651</b>	
D	0.3853 0.0365 <b>0.3488</b>	0.2415 0.0374 <b>0.2041</b>	0.1640 0.0374 <b>0.1266</b>	0.1060 0.0367 <b>0.0693</b>	0.4609 0.0374 <b>0.4235</b>	0.2903 0.0369 <b>0.2531</b>	0.2003 0.0369 <b>0.1634</b>	0.1190 0.0367 <b>0.0823</b>	0.4617 0.0377 <b>0.4240</b>	0.2830 0.0372 <b>0.2458</b>	0.1757 0.0371 <b>0.1386</b>	0.1165 0.0364 <b>0.0801</b>	
E	0.4804 0.0365 <b>0.4439</b>	0.3013 0.0372 <b>0.2641</b>	0.1810 0.0371 <b>0.1439</b>	0.1085 0.0377 <b>0.0708</b>	0.5292 0.0373 <b>0.4919</b>	0.2993 0.0366 <b>0.2627</b>	0.2126 0.0367 <b>0.1759</b>	0.1224 0.0368 <b>0.0856</b>	0.4082 0.0377 <b>0.3705</b>	0.2346 0.0372 <b>0.1974</b>	0.1533 0.0368 <b>0.1165</b>	0.1072 0.0362 <b>0.0710</b>	
F	0.5475 0.0373 <b>0.5102</b>	0.3031 0.0372 <b>0.2659</b>	0.1842 0.0370 <b>0.1472</b>	0.1257 0.0369 <b>0.0888</b>	0.5633 0.0378 <b>0.5255</b>	0.3891 0.0370 <b>0.3521</b>	0.2337 0.0374 <b>0.1963</b>	0.1467 0.0363 <b>0.1104</b>	0.3793 0.0376 <b>0.3417</b>	0.2140 0.0377 <b>0.1763</b>	0.1328 0.0360 <b>0.0968</b>	0.0990 0.0356 <b>0.0634</b>	
G	0.5487 0.0376 <b>0.5111</b>	0.2941 0.0372 <b>0.2569</b>	0.1869 0.0364 <b>0.1505</b>	0.1209 0.0360 <b>0.0849</b>	0.4386 0.0371 <b>0.4015</b>	0.2543 0.0352 <b>0.2191</b>	0.1688 0.0352 <b>0.1336</b>	0.1114 0.0365 <b>0.0749</b>	0.3664 0.0367 <b>0.3297</b>	0.2208 0.0361 <b>0.1847</b>	0.1421 0.0369 <b>0.1052</b>	0.0996 0.0370 <b>0.0626</b>	
H	0.6335 0.0385 <b>0.5950</b>	0.3393 0.0384 <b>0.3009</b>	0.2058 0.0374 <b>0.1684</b>	0.1379 0.0381 <b>0.0998</b>	0.5691 0.0385 <b>0.5306</b>	0.3501 0.0374 <b>0.3127</b>	0.2082 0.0362 <b>0.1720</b>	0.1461 0.0374 <b>0.1087</b>	0.0477 0.0375 <b>0.0102</b>	0.0487 0.0377 <b>0.0110</b>	0.0483 0.0373 <b>0.0110</b>	0.0500 0.0367 <b>0.0133</b>	

## 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 : 14:04 12.07.2023

Mean Temperature : 27,5 °C

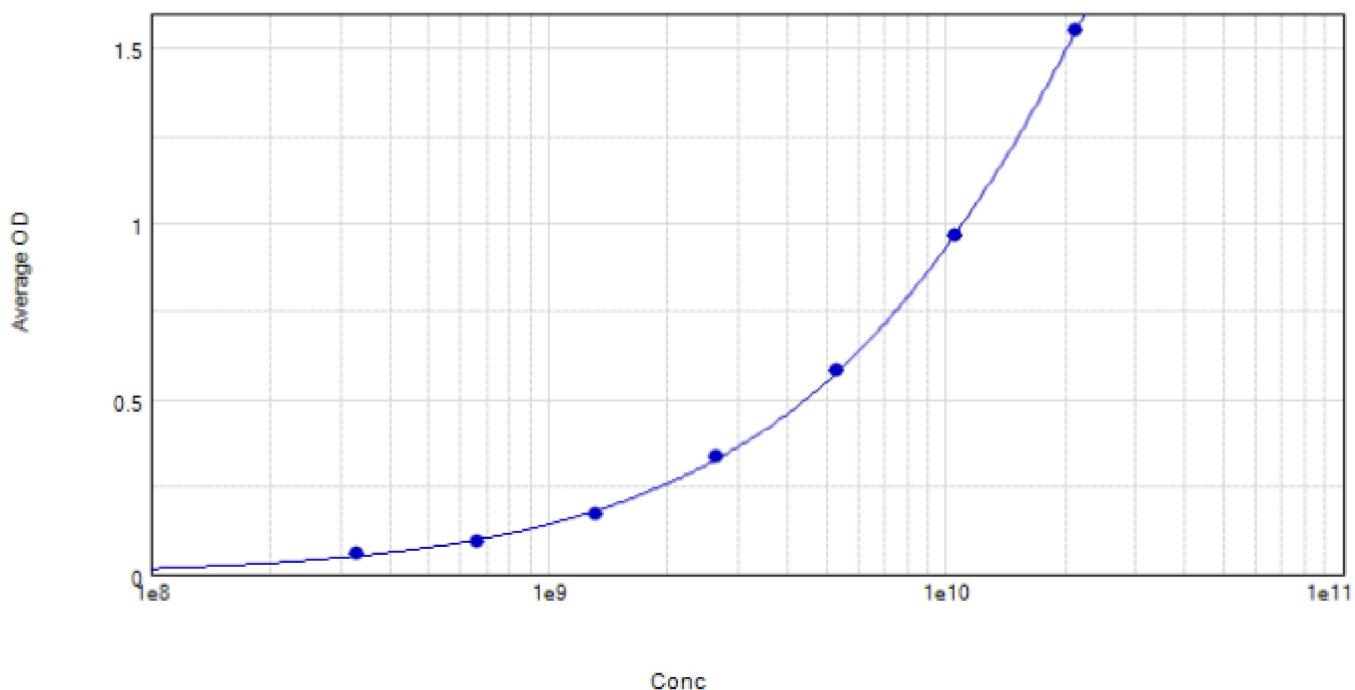
Read By : hamilton



## 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			
R <sup>2</sup> = 1.000			
EC50 = 5.62e+10			
A	-0.004	0.019	[-0.065, 0.057]
B	0.880	0.076	[0.638, 1.122]
C	5.62e+10	3.05e+10	[4.09e+10, 1.53e+11]
D	5.213	1.533	[0.334, 10.09]

Sample	Wells	Standard Value [cp/ml]	OD	BackCalcConc	
01	A5	2.117e10	1.5503	2.120e10	
02	A6	1.058e10	0.9669	1.049e10	
03	A7	5.292e9	0.5832	5.370e9	
04	A8	2.646e9	0.3345	2.705e9	
05	A9	1.323e9	0.1707	1.228e9	
06	A10	6.615e8	0.0942	6.264e8	
07	A11	3.307e8	0.0605	3.851e8	

**Control Sample**

Index	Well	Dilution	Values	Result	Dil.Result
1	A1	1	1.3302	1.667e10	1.667e10
2	A2	2	0.6776	6.513e9	1.303e10
3	A3	4	0.4437	3.814e9	1.526e10
4	A4	8	0.2412	1.834e9	1.468e10

CS\_Mean [cp/ml] = 1.491e10

CS\_CV [%] = 10.1

**Sample\_01**

Index	Well	Dilution	Values	Result	Dil.Result
1	B1	1	0.4640	4.031e9	4.031e9
2	B2	2	0.2779	2.168e9	4.336e9
3	B3	4	0.1636	1.169e9	4.677e9
4	B4	8	0.0868	5.720e8	4.576e9

**Sample\_01\_Mean [cp/ml] = 4.405e9****Sample\_01\_CV [%] = 6.5****Sample\_02**

Index	Well	Dilution	Values	Result	Dil.Result
1	C1	1	0.5066	4.496e9	4.496e9
2	C2	2	0.3154	2.521e9	5.041e9
3	C3	4	0.1703	1.224e9	4.897e9
4	C4	8	0.0945	6.286e8	5.029e9

**Sample\_02\_Mean [cp/ml] = 4.866e9****Sample\_02\_CV [%] = 5.2****Sample\_03**

Index	Well	Dilution	Values	Result	Dil.Result
1	D1	1	0.3488	2.845e9	2.845e9
2	D2	2	0.2041	1.509e9	3.019e9
3	D3	4	0.1266	8.729e8	3.492e9
4	D4	8	0.0693	4.465e8	3.572e9

**Sample\_03\_Mean [cp/ml] = 3.232e9****Sample\_03\_CV [%] = 11.0****Sample\_04**

Index	Well	Dilution	Values	Result	Dil.Result
1	E1	1	0.4439	3.816e9	3.816e9
2	E2	2	0.2641	2.041e9	4.082e9
3	E3	4	0.1439	1.010e9	4.038e9
4	E4	8	0.0708	4.570e8	3.656e9

**Sample\_04\_Mean [cp/ml] = 3.898e9****Sample\_04\_CV [%] = 5.1****Sample\_05**

Index	Well	Dilution	Values	Result	Dil.Result
1	F1	1	0.5102	4.536e9	4.536e9
2	F2	2	0.2659	2.058e9	4.115e9
3	F3	4	0.1472	1.036e9	4.144e9
4	F4	8	0.0888	5.866e8	4.693e9

**Sample\_05\_Mean [cp/ml] = 4.372e9****Sample\_05\_CV [%] = 6.6****Sample\_06**

Index	Well	Dilution	Values	Result	Dil.Result
1	G1	1	0.5111	4.546e9	4.546e9
2	G2	2	0.2569	1.976e9	3.951e9
3	G3	4	0.1505	1.063e9	4.250e9
4	G4	8	0.0849	5.581e8	4.465e9

**Sample\_06\_Mean [cp/ml] = 4.303e9****Sample\_06\_CV [%] = 6.2****Sample\_07**

Index	Well	Dilution	Values	Result	Dil.Result
1	H1	1	0.5950	5.509e9	5.509e9
2	H2	2	0.3009	2.383e9	4.766e9
3	H3	4	0.1684	1.209e9	4.834e9
4	H4	8	0.0998	6.681e8	5.345e9

**Sample\_07\_Mean [cp/ml] = 5.113e9****Sample\_07\_CV [%] = 7.2**

**Sample\_08**

Index	Well	Dilution	Values	Result	Dil.Result
1	B5	1	0.3826	3.182e9	3.182e9
2	B6	2	0.2219	1.664e9	3.328e9
3	B7	4	0.1317	9.129e8	3.651e9
4	B8	8	0.0758	4.925e8	3.940e9

**Sample\_08\_Mean [cp/ml] = 3.525e9****Sample\_08\_CV [%] = 9.6****Sample\_09**

Index	Well	Dilution	Values	Result	Dil.Result
1	C5	1	0.4607	3.995e9	3.995e9
2	C6	2	0.2488	1.903e9	3.805e9
3	C7	4	0.1379	9.618e8	3.847e9
4	C8	8	0.0807	5.277e8	4.222e9

**Sample\_09\_Mean [cp/ml] = 3.967e9****Sample\_09\_CV [%] = 4.7****Sample\_10**

Index	Well	Dilution	Values	Result	Dil.Result
1	D5	1	0.4235	3.602e9	3.602e9
2	D6	2	0.2531	1.941e9	3.883e9
3	D7	4	0.1634	1.167e9	4.670e9
4	D8	8	0.0823	5.393e8	4.314e9

**Sample\_10\_Mean [cp/ml] = 4.117e9****Sample\_10\_CV [%] = 11.4****Sample\_11**

Index	Well	Dilution	Values	Result	Dil.Result
1	E5	1	0.4919	4.334e9	4.334e9
2	E6	2	0.2627	2.028e9	4.057e9
3	E7	4	0.1759	1.271e9	5.083e9
4	E8	8	0.0856	5.632e8	4.506e9

**Sample\_11\_Mean [cp/ml] = 4.495e9****Sample\_11\_CV [%] = 9.6****Sample\_12**

Index	Well	Dilution	Values	Result	Dil.Result
1	F5	1	0.5255	4.708e9	4.708e9
2	F6	2	0.3521	2.877e9	5.754e9
3	F7	4	0.1963	1.443e9	5.770e9
4	F8	8	0.1104	7.480e8	5.984e9

**Sample\_12\_Mean [cp/ml] = 5.554e9****Sample\_12\_CV [%] = 10.3****Sample\_13**

Index	Well	Dilution	Values	Result	Dil.Result
1	G5	1	0.4015	3.374e9	3.374e9
2	G6	2	0.2191	1.639e9	3.279e9
3	G7	4	0.1336	9.278e8	3.711e9
4	G8	8	0.0749	4.861e8	3.889e9

**Sample\_13\_Mean [cp/ml] = 3.563e9****Sample\_13\_CV [%] = 8.0****Sample\_14**

Index	Well	Dilution	Values	Result	Dil.Result
1	H5	1	0.5306	4.765e9	4.765e9
2	H6	2	0.3127	2.495e9	4.990e9
3	H7	4	0.1720	1.238e9	4.953e9
4	H8	8	0.1087	7.351e8	5.881e9

**Sample\_14\_Mean [cp/ml] = 5.147e9****Sample\_14\_CV [%] = 9.7**

**Sample\_15**

Index	Well	Dilution	Values	Result	Dil.Result
1	B9	1	0.4945	4.363e9	4.363e9
2	B10	2	0.2787	2.175e9	4.351e9
3	B11	4	0.1634	1.167e9	4.670e9
4	B12	8	0.0967	6.450e8	5.160e9

**Sample\_15\_Mean [cp/ml] = 4.636e9****Sample\_15\_CV [%] = 8.2****Sample\_16**

Index	Well	Dilution	Values	Result	Dil.Result
1	C9	1	0.3993	3.351e9	3.351e9
2	C10	2	0.2155	1.608e9	3.216e9
3	C11	4	0.1244	8.558e8	3.423e9
4	C12	8	0.0651	4.170e8	3.336e9

**Sample\_16\_Mean [cp/ml] = 3.332e9****Sample\_16\_CV [%] = 2.6****Sample\_17**

Index	Well	Dilution	Values	Result	Dil.Result
1	D9	1	0.4240	3.607e9	3.607e9
2	D10	2	0.2458	1.876e9	3.751e9
3	D11	4	0.1386	9.674e8	3.869e9
4	D12	8	0.0801	5.234e8	4.187e9

**Sample\_17\_Mean [cp/ml] = 3.854e9****Sample\_17\_CV [%] = 6.4****Sample\_18**

Index	Well	Dilution	Values	Result	Dil.Result
1	E9	1	0.3705	3.060e9	3.060e9
2	E10	2	0.1974	1.452e9	2.904e9
3	E11	4	0.1165	7.947e8	3.179e9
4	E12	8	0.0710	4.584e8	3.668e9

**Sample\_18\_Mean [cp/ml] = 3.203e9****Sample\_18\_CV [%] = 10.3****Sample\_19**

Index	Well	Dilution	Values	Result	Dil.Result
1	F9	1	0.3417	2.775e9	2.775e9
2	F10	2	0.1763	1.274e9	2.548e9
3	F11	4	0.0968	6.457e8	2.583e9
4	F12	8	0.0634	4.052e8	3.242e9

**Sample\_19\_Mean [cp/ml] = 2.787e9****Sample\_19\_CV [%] = 11.5****Sample\_20**

Index	Well	Dilution	Values	Result	Dil.Result
1	G9	1	0.3297	2.658e9	2.658e9
2	G10	2	0.1847	1.344e9	2.689e9
3	G11	4	0.1052	7.086e8	2.835e9
4	G12	8	0.0626	3.997e8	3.197e9

**Sample\_20\_Mean [cp/ml] = 2.845e9****Sample\_20\_CV [%] = 8.7****Sample\_21**

Index	Well	Dilution	Values	Result	Dil.Result
1	H9	1	0.0102	----	----
2	H10	2	0.0110	----	----
3	H11	4	0.0110	----	----
4	H12	8	0.0133	----	----

**Sample\_21\_Mean [cp/ml] = ----****Sample\_21\_CV [%] = ----**