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**Audit Trail**

12 July 2023 13:49:08 User ID: hamilton  
Document Workflow Summary:  
There is no workflow activity.

12 July 2023 13:49:08 User ID: hamilton  
User saved a document using Save or Save As.  
Document saved as: ELISA/230712\_AAV8-ELISA\_1\_20230712\_090748

12 July 2023 13:49:08 User ID: hamilton  
User started a normal read.  
Experiment: AAV8-ELISA  
Connected instrument:  
VersaMax  
ROM v2.0.20 Nov 05 2018

12 July 2023 13:49:08 User ID: hamilton  
User started a read.  
Experiment: AAV8-ELISA  
Section: Plate01

12 July 2023 13:49:33 User ID: hamilton  
Read finished.  
Experiment: AAV8-ELISA  
Section: Plate01

12 July 2023 13:49:33 User ID: hamilton  
User saved a document using Save or Save As.  
Document saved as: ELISA/230712\_AAV8-ELISA\_1\_20230712\_090748

12 July 2023 13:49:33 User ID: hamilton  
User exported selected sections.  
Exported to: C:\Users\Hamilton\Documents\Experiments\200731\_Hamilton\_Daten-Sammlung\230712\_AAV8-ELISA\_1\_20230712\_090748.xls

12 July 2023 13:49:34 User ID: hamilton  
Document closed.

12 July 2023 14:25:53 User ID: user  
User opened a document.  
Document: ELISA/230712\_AAV8-ELISA\_1\_20230712\_090748  
Software Version: SoftMax Pro 7.1 GxP  
Product Key: Remote

12 July 2023 14:27:29 User ID: user  
User masked wells in a Plate section.  
Experiment: AAV8-ELISA  
Section: Plate01  
Masking Wells: A06  
Notes: Ausreisser

12 July 2023 14:29:49 User ID: user  
User masked wells in a Plate section.  
Experiment: AAV8-ELISA  
Section: Plate01  
Masking Wells: A01  
Notes: Ausreisser

12 July 2023 14:29:52 User ID: user  
Document Workflow Summary:  
There is no workflow activity.

12 July 2023 14:29:52 User ID: user

User saved a document using Save or Save As.

Document saved as: ELISA/230712\_AAV8-ELISA\_1\_20230712\_090748

12 July 2023 14:30:04 User ID: user

User saved a document using Save or Save As.

Document saved as: ELISA/230712\_AAV8-ELISA\_1\_20230712\_090748

12 July 2023 14:30:16 User ID: user

User exported a document in SoftMax Pro format.

Exported from: ELISA/230712\_AAV8-ELISA\_1\_20230712\_090748

Exported to: C:\Data\Experiments\230712\_AAV8-ELISA\_sey\_GN004240-048\230712\_AAV8-ELISA\_sey\_GN004240-048\\230712\_AAV8-ELISA\_1\_20230712\_090748.sdax

12 July 2023 14:30:36 User ID: user

User exported selected sections.

Exported to: C:\Data\Experiments\230712\_AAV8-ELISA\_sey\_GN004240-048\230712\_AAV8-ELISA\_sey\_GN004240-048\\230712\_AAV8-ELISA\_1\_20230712\_090748.xls

Plate01													
	1	2	3	4	5	6	7	8	9	10	11	12	
A	1.3346	0.7369	0.4207	0.2843	1.3726	1.1158	0.5919	0.3710	0.2160	0.1355	0.1021	0.0480	
	0.0398	0.0380	0.0370	0.0379	0.0395	0.0387	0.0372	0.0381	0.0360	0.0374	0.0382	0.0368	
	<b>Masked</b>	<b>0.6989</b>	<b>0.3837</b>	<b>0.2464</b>	<b>1.3331</b>	<b>Masked</b>	<b>0.5547</b>	<b>0.3329</b>	<b>0.1800</b>	<b>0.0981</b>	<b>0.0639</b>	<b>0.0112</b>	
B	1.2708	0.7227	0.4613	0.2514	0.0829	0.0651	0.0579	0.0530	1.8537	1.3038	0.8512	0.4975	
	0.0392	0.0384	0.0372	0.0367	0.0371	0.0357	0.0358	0.0370	0.0389	0.0397	0.0380	0.0393	
	<b>1.2316</b>	<b>0.6843</b>	<b>0.4241</b>	<b>0.2147</b>	<b>0.0458</b>	<b>0.0294</b>	<b>0.0221</b>	<b>0.0160</b>	<b>1.8148</b>	<b>1.2641</b>	<b>0.8132</b>	<b>0.4582</b>	
C	0.6045	0.3452	0.2167	0.1494	0.1050	0.0738	0.0621	0.0571	0.1258	0.0901	0.0709	0.0592	
	0.0366	0.0374	0.0372	0.0362	0.0366	0.0365	0.0369	0.0375	0.0388	0.0369	0.0366	0.0358	
	<b>0.5679</b>	<b>0.3078</b>	<b>0.1795</b>	<b>0.1132</b>	<b>0.0684</b>	<b>0.0373</b>	<b>0.0252</b>	<b>0.0196</b>	<b>0.0870</b>	<b>0.0532</b>	<b>0.0343</b>	<b>0.0234</b>	
D	0.0794	0.0659	0.0551	0.0532	1.1784	0.7063	0.4066	0.2510	0.7580	0.5474	0.3253	0.2061	
	0.0370	0.0370	0.0372	0.0369	0.0401	0.0385	0.0370	0.0391	0.0377	0.0424	0.0369	0.0364	
	<b>0.0424</b>	<b>0.0289</b>	<b>0.0179</b>	<b>0.0163</b>	<b>1.1383</b>	<b>0.6678</b>	<b>0.3696</b>	<b>0.2119</b>	<b>0.7203</b>	<b>0.5050</b>	<b>0.2884</b>	<b>0.1697</b>	
E	0.1137	0.0777	0.0614	0.0551	0.0825	0.0660	0.0585	0.0521	0.1110	0.0845	0.0657	0.0582	
	0.0369	0.0366	0.0367	0.0367	0.0371	0.0365	0.0368	0.0366	0.0436	0.0399	0.0369	0.0378	
	<b>0.0768</b>	<b>0.0411</b>	<b>0.0247</b>	<b>0.0184</b>	<b>0.0454</b>	<b>0.0295</b>	<b>0.0217</b>	<b>0.0155</b>	<b>0.0674</b>	<b>0.0446</b>	<b>0.0288</b>	<b>0.0204</b>	
F	1.0200	0.6368	0.3798	0.1972	1.0208	0.7237	0.4645	0.2806	0.1810	0.1204	0.0822	0.0701	
	0.0387	0.0386	0.0376	0.0375	0.0400	0.0379	0.0374	0.0369	0.0372	0.0372	0.0369	0.0368	
	<b>0.9813</b>	<b>0.5982</b>	<b>0.3422</b>	<b>0.1597</b>	<b>0.9808</b>	<b>0.6858</b>	<b>0.4271</b>	<b>0.2437</b>	<b>0.1438</b>	<b>0.0832</b>	<b>0.0453</b>	<b>0.0333</b>	
G	0.0760	0.0600	0.0519	0.0496	0.1282	0.0916	0.0722	0.0599	1.5990	1.0617	0.6592	0.4286	
	0.0367	0.0367	0.0365	0.0364	0.0366	0.0367	0.0365	0.0366	0.0407	0.0417	0.0377	0.0364	
	<b>0.0393</b>	<b>0.0233</b>	<b>0.0154</b>	<b>0.0132</b>	<b>0.0916</b>	<b>0.0549</b>	<b>0.0357</b>	<b>0.0233</b>	<b>1.5583</b>	<b>1.0200</b>	<b>0.6215</b>	<b>0.3922</b>	
H	0.7115	0.4093	0.2445	0.1650	0.1835	0.1258	0.0894	0.0690	0.0848	0.0665	0.0584	0.0524	
	0.0387	0.0376	0.0377	0.0378	0.0371	0.0376	0.0376	0.0377	0.0377	0.0365	0.0376	0.0371	
	<b>0.6728</b>	<b>0.3717</b>	<b>0.2068</b>	<b>0.1272</b>	<b>0.1464</b>	<b>0.0882</b>	<b>0.0518</b>	<b>0.0313</b>	<b>0.0471</b>	<b>0.0300</b>	<b>0.0208</b>	<b>0.0153</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 : 13:49 12.07.2023

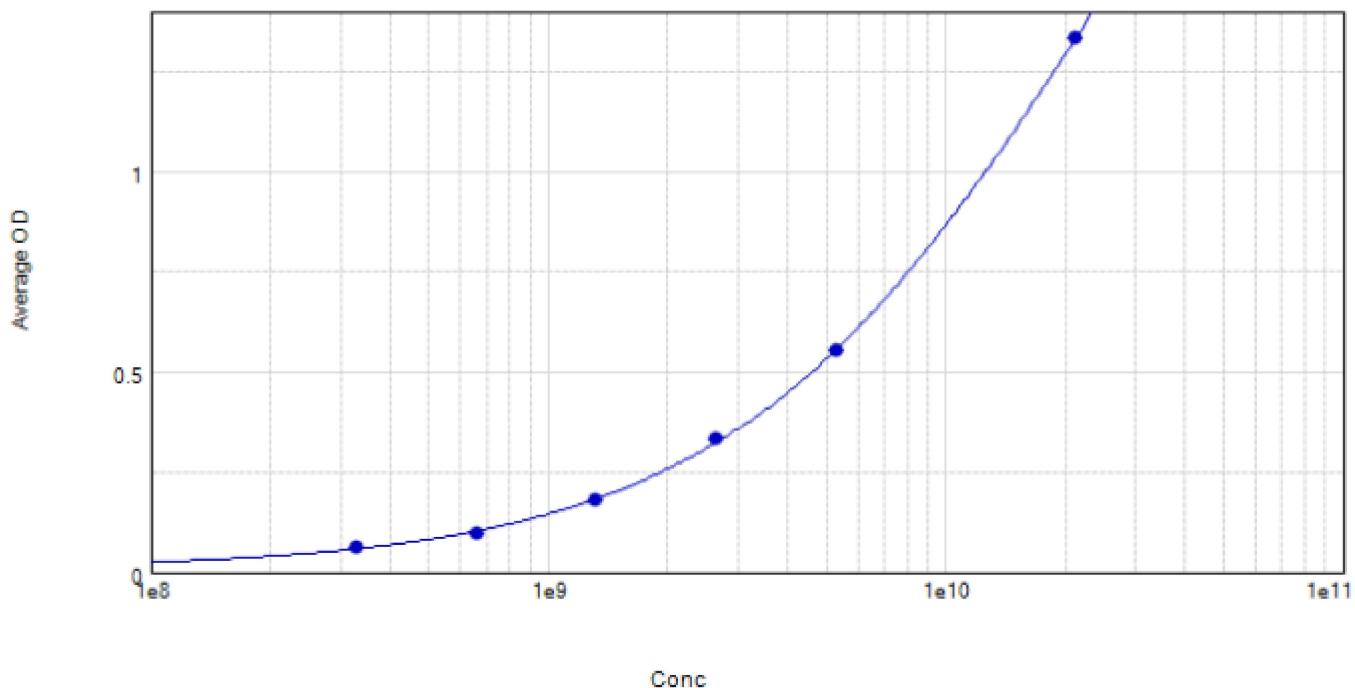
Mean Temperature : 28,3 °C

Read By : hamilton

**Σ 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
<b>STD#1</b>	A	0.009	0.018	[-0.069, 0.087]
R <sup>2</sup> = 1.000	B	0.933	0.096	[0.518, 1.348]
EC50 = 2.45e+10	C	2.45e+10	9.92e+9	[-1.82e+10, 6.72e+10]
	D	2.851	0.572	[0.388, 5.314]

Sample	Wells	Standard Value [cp/ml]	OD	BackCalcConc	
01	A5	2.117e10	1.3331	2.117e10	
02	A6	1.058e10	Masked	Masked	
03	A7	5.292e9	0.5547	5.254e9	
04	A8	2.646e9	0.3329	2.721e9	
05	A9	1.323e9	0.1800	1.288e9	
06	A10	6.615e8	0.0981	6.203e8	
07	A11	3.307e8	0.0639	3.643e8	

**Control Sample**

Index	Well	Dilution	Values	Result	Dil.Result	
1	A1	1	Masked	*****	*****	
2	A2	2	0.6989	7.241e9	1.448e10	CS_Mean [cp/ml] = 1.418e10
3	A3	4	0.3837	3.252e9	1.301e10	CS_CV [%] = 7.4
4	A4	8	0.2464	1.881e9	1.505e10	

**Sample\_01**

Index	Well	Dilution	Values	Result	Dil.Result
1	B1	1	1.2316	1.814e10	1.814e10
2	B2	2	0.6843	7.026e9	1.405e10
3	B3	4	0.4241	3.693e9	1.477e10
4	B4	8	0.2147	1.593e9	1.274e10

**Sample\_01\_Mean [cp/ml] = 1.493e10****Sample\_01\_CV [%] = 15.4****Sample\_02**

Index	Well	Dilution	Values	Result	Dil.Result
1	C1	1	0.5679	5.424e9	5.424e9
2	C2	2	0.3078	2.470e9	4.939e9
3	C3	4	0.1795	1.284e9	5.136e9
4	C4	8	0.1132	7.379e8	5.903e9

**Sample\_02\_Mean [cp/ml] = 5.351e9****Sample\_02\_CV [%] = 7.8****Sample\_03**

Index	Well	Dilution	Values	Result	Dil.Result
1	D1	1	0.0424	----	----
2	D2	2	0.0289	----	----
3	D3	4	0.0179	----	----
4	D4	8	0.0163	----	----

**Sample\_03\_Mean [cp/ml] = ----****Sample\_03\_CV [%] = ----****Sample\_04**

Index	Well	Dilution	Values	Result	Dil.Result
1	E1	1	0.0768	4.590e8	4.590e8
2	E2	2	0.0411	----	----
3	E3	4	0.0247	----	----
4	E4	8	0.0184	----	----

**Sample\_04\_Mean [cp/ml] = 4.590e8****Sample\_04\_CV [%] = 0.0****Sample\_05**

Index	Well	Dilution	Values	Result	Dil.Result
1	F1	1	0.9813	1.216e10	1.216e10
2	F2	2	0.5982	5.822e9	1.164e10
3	F3	4	0.3422	2.816e9	1.127e10
4	F4	8	0.1597	1.116e9	8.929e9

**Sample\_05\_Mean [cp/ml] = 1.100e10****Sample\_05\_CV [%] = 13.0****Sample\_06**

Index	Well	Dilution	Values	Result	Dil.Result
1	G1	1	0.0393	----	----
2	G2	2	0.0233	----	----
3	G3	4	0.0154	----	----
4	G4	8	0.0132	----	----

**Sample\_06\_Mean [cp/ml] = ----****Sample\_06\_CV [%] = ----****Sample\_07**

Index	Well	Dilution	Values	Result	Dil.Result
1	H1	1	0.6728	6.859e9	6.859e9
2	H2	2	0.3717	3.124e9	6.248e9
3	H3	4	0.2068	1.522e9	6.089e9
4	H4	8	0.1272	8.493e8	6.794e9

**Sample\_07\_Mean [cp/ml] = 6.498e9****Sample\_07\_CV [%] = 5.9**

**Sample\_08**

Index	Well	Dilution	Values	Result	Dil.Result
1	B5	1	0.0458	----	----
2	B6	2	0.0294	----	----
3	B7	4	0.0221	----	----
4	B8	8	0.0160	----	----

Sample\_08\_Mean [cp/ml] = ----

Sample\_08\_CV [%] = ----

**Sample\_09**

Index	Well	Dilution	Values	Result	Dil.Result
1	C5	1	0.0684	3.971e8	3.971e8
2	C6	2	0.0373	----	----
3	C7	4	0.0252	----	----
4	C8	8	0.0196	----	----

Sample\_09\_Mean [cp/ml] = 3.971e8

Sample\_09\_CV [%] = 0.0

**Sample\_10**

Index	Well	Dilution	Values	Result	Dil.Result
1	D5	1	1.1383	1.569e10	1.569e10
2	D6	2	0.6678	6.787e9	1.357e10
3	D7	4	0.3696	3.102e9	1.241e10
4	D8	8	0.2119	1.568e9	1.254e10

Sample\_10\_Mean [cp/ml] = 1.355e10

Sample\_10\_CV [%] = 11.2

**Sample\_11**

Index	Well	Dilution	Values	Result	Dil.Result
1	E5	1	0.0454	----	----
2	E6	2	0.0295	----	----
3	E7	4	0.0217	----	----
4	E8	8	0.0155	----	----

Sample\_11\_Mean [cp/ml] = ----

Sample\_11\_CV [%] = ----

**Sample\_12**

Index	Well	Dilution	Values	Result	Dil.Result
1	F5	1	0.9808	1.215e10	1.215e10
2	F6	2	0.6858	7.048e9	1.410e10
3	F7	4	0.4271	3.727e9	1.491e10
4	F8	8	0.2437	1.856e9	1.485e10

Sample\_12\_Mean [cp/ml] = 1.400e10

Sample\_12\_CV [%] = 9.2

**Sample\_13**

Index	Well	Dilution	Values	Result	Dil.Result
1	G5	1	0.0916	5.705e8	5.705e8
2	G6	2	0.0549	----	----
3	G7	4	0.0357	----	----
4	G8	8	0.0233	----	----

Sample\_13\_Mean [cp/ml] = 5.705e8

Sample\_13\_CV [%] = 0.0

**Sample\_14**

Index	Well	Dilution	Values	Result	Dil.Result
1	H5	1	0.1464	1.006e9	1.006e9
2	H6	2	0.0882	5.446e8	1.089e9
3	H7	4	0.0518	----	----
4	H8	8	0.0313	----	----

Sample\_14\_Mean [cp/ml] = 1.047e9

Sample\_14\_CV [%] = 5.6

**Sample\_15**

Index	Well	Dilution	Values	Result	Dil.Result
1	B9	1	1.8148	+++++	+++++
2	B10	2	1.2641	1.906e10	3.812e10
3	B11	4	0.8132	9.049e9	3.619e10
4	B12	8	0.4582	4.081e9	3.265e10

Sample\_15\_Mean [cp/ml] = 3.566e10

Sample\_15\_CV [%] = 7.8

**Sample\_16**

Index	Well	Dilution	Values	Result	Dil.Result
1	C9	1	0.0870	5.355e8	5.355e8
2	C10	2	0.0532	----	----
3	C11	4	0.0343	----	----
4	C12	8	0.0234	----	----

Sample\_16\_Mean [cp/ml] = 5.355e8

Sample\_16\_CV [%] = 0.0

**Sample\_17**

Index	Well	Dilution	Values	Result	Dil.Result
1	D9	1	0.7203	7.563e9	7.563e9
2	D10	2	0.5050	4.635e9	9.271e9
3	D11	4	0.2884	2.280e9	9.118e9
4	D12	8	0.1697	1.200e9	9.604e9

Sample\_17\_Mean [cp/ml] = 8.889e9

Sample\_17\_CV [%] = 10.2

**Sample\_18**

Index	Well	Dilution	Values	Result	Dil.Result
1	E9	1	0.0674	3.898e8	3.898e8
2	E10	2	0.0446	----	----
3	E11	4	0.0288	----	----
4	E12	8	0.0204	----	----

Sample\_18\_Mean [cp/ml] = 3.898e8

Sample\_18\_CV [%] = 0.0

**Sample\_19**

Index	Well	Dilution	Values	Result	Dil.Result
1	F9	1	0.1438	9.842e8	9.842e8
2	F10	2	0.0832	5.069e8	1.014e9
3	F11	4	0.0453	----	----
4	F12	8	0.0333	----	----

Sample\_19\_Mean [cp/ml] = 9.989e8

Sample\_19\_CV [%] = 2.1

**Sample\_20**

Index	Well	Dilution	Values	Result	Dil.Result
1	G9	1	1.5583	+++++	+++++
2	G10	2	1.0200	1.297e10	2.594e10
3	G11	4	0.6215	6.137e9	2.455e10
4	G12	8	0.3922	3.343e9	2.674e10

Sample\_20\_Mean [cp/ml] = 2.574e10

Sample\_20\_CV [%] = 4.3

**Sample\_21**

Index	Well	Dilution	Values	Result	Dil.Result
1	H9	1	0.0471	----	----
2	H10	2	0.0300	----	----
3	H11	4	0.0208	----	----
4	H12	8	0.0153	----	----

Sample\_21\_Mean [cp/ml] = ----

Sample\_21\_CV [%] = ----