

Experiment#1

Plate#1											
1	2	3	4	5	6	7	8	9	10	11	12
A					0,007	0,398	-0,004	0,074	0,224		
B					-0,010	0,606	-0,008	0,028	0,161		
C					-0,008	0,383	-0,005	0,013	0,067		
D					-0,010	0,306	-0,005	0,008	0,115		
E					0,038	1,352	0,213	0,018	0,014		
F					-0,005	0,110	-0,006	-0,006	-0,003		
G					-0,006	0,042	-0,004	0,009	-0,001		
H					-0,006	0,008	-0,005	-0,003	-0,006		

Endpoint	Lm1 405	Automix: Off Calibrate: On	Last Read: 27.06.2005 14:30 Uhr
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Wavelength Combination: !Lm1

Mean Temperature: 27,4

Data Mode: Absorbance

Plate Blank Used Lm1 = 0,089

Group#9

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#8

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#7

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#6 (ug/ml)

Sample	Concentration	Wells	Values	MeanValue	Std.Dev.	CV%
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Smallest standard value:

Largest standard value:

Group#5

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#4

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#3

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#2

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#10

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Group#1 (ug/ml)

Sample	Concentration	Wells	Values	MeanValue	Std.Dev.	CV%
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Smallest standard value:

Largest standard value:

J

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

I

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

H

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

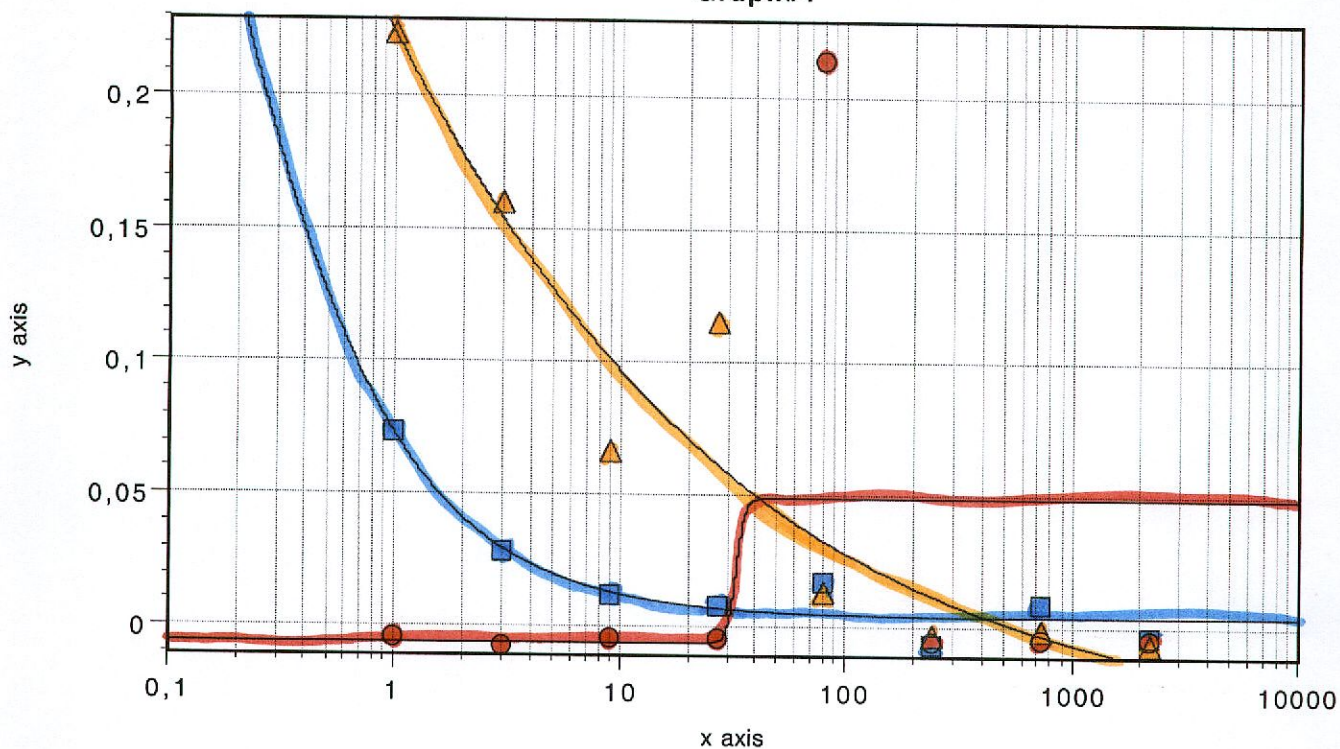
G

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Graph#1



$$y = (A - D) / (1 + (x/C)^B) + D$$

	A	B	C	D	R ²
● Plot#1 (A: Dilution vs Values) <i>ohne Stimulans</i>	-0,006	22,688	32,756	0,049	0,145
□ Plot#10 (J: Dilution vs Values)	*** NO DATA AVAILABLE ***				
○ Plot#9 (I: Dilution vs Values)	*** NO DATA AVAILABLE ***				
◆ Plot#8 (H: Dilution vs Values)	*** NO DATA AVAILABLE ***				
▲ Plot#7 (E: Dilution vs Values)	*** NO DATA AVAILABLE ***				
■ Plot#6 (G: Dilution vs Values)	*** NO DATA AVAILABLE ***				
● Plot#5 (F: Dilution vs Values)	*** NO DATA AVAILABLE ***				
◇ Plot#4 (D: Dilution vs Values)	*** NO DATA AVAILABLE ***				
△ Plot#3 (C: Dilution vs Values) <i>LPS + IL-4</i>	1,237	0,34	0,018	-0,036	0,912
■ Plot#2 (B: Dilution vs Values) <i>LPS</i>	0,742	0,948	0,091	0,004	0,92

F

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

E

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

D

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

C

LPS+ IL-4

(lgG)

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
C01	A10	0,224		0,008	0,008	0,000	0,0	1,0	0,008
C02	B10	0,161		Range?	Range?	Range?	Range?	3,0	Range?
C03	C10	0,067		Range?	Range?	Range?	Range?	9,0	Range?
C04	D10	0,115		Range?	Range?	Range?	Range?	27,0	Range?
C05	E10	0,014		Range?	Range?	Range?	Range?	81,0	Range?
C06	F10	-0,003	R	Range?	Range?	Range?	Range?	243,0	Range?
C07	G10	-0,001	R	Range?	Range?	Range?	Range?	729,0	Range?
C08	H10	-0,006	R	Range?	Range?	Range?	Range?	2187,0	Range?

R - Outside standard range

Mean Adjusted Result: 0,01

B

LPS

(lgG)

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
B01	A9	0,074		Range?	Range?	Range?	Range?	1,0	Range?
B02	B9	0,028		Range?	Range?	Range?	Range?	3,0	Range?
B03	C9	0,013		Range?	Range?	Range?	Range?	9,0	Range?
B04	D9	0,008	R	Range?	Range?	Range?	Range?	27,0	Range?
B05	E9	0,018		Range?	Range?	Range?	Range?	81,0	Range?
B06	F9	-0,006	R	Range?	Range?	Range?	Range?	243,0	Range?
B07	G9	0,009		Range?	Range?	Range?	Range?	729,0	Range?
B08	H9	-0,003	R	Range?	Range?	Range?	Range?	2187,0	Range?

R - Outside standard range

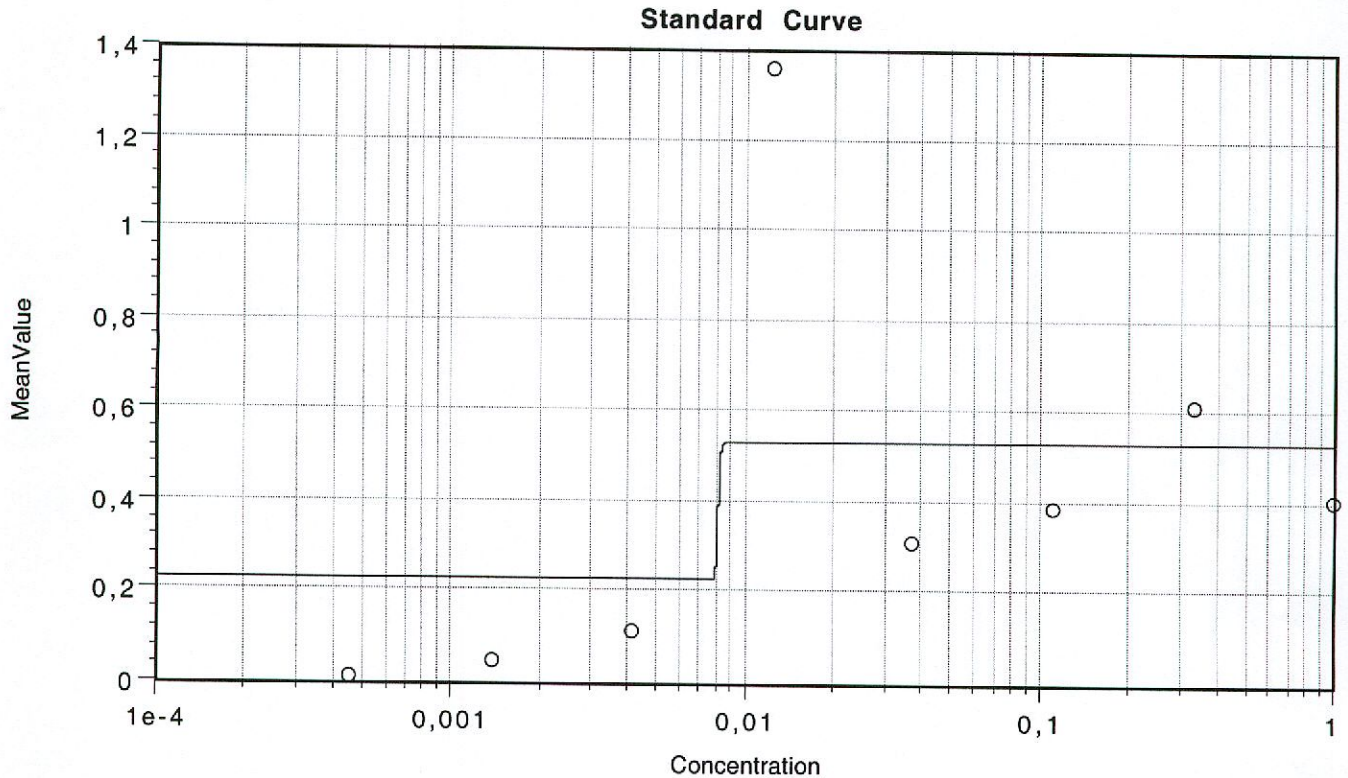
Mean Adjusted Result: Range?

A ohne Stimulus (195)

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
A 0 1	A8	-0,004	R	Range?	Range?	Range?	Range?	1,0	Range?
A 0 2	B8	-0,008	R	Range?	Range?	Range?	Range?	3,0	Range?
A 0 3	C8	-0,005	R	Range?	Range?	Range?	Range?	9,0	Range?
A 0 4	D8	-0,005	R	Range?	Range?	Range?	Range?	27,0	Range?
A 0 5	E8	0,213		Range?	Range?	Range?	Range?	81,0	Range?
A 0 6	F8	-0,006	R	Range?	Range?	Range?	Range?	243,0	Range?
A 0 7	G8	-0,004	R	Range?	Range?	Range?	Range?	729,0	Range?
A 0 8	H8	-0,005	R	Range?	Range?	Range?	Range?	2187,0	Range?

R - Outside standard range

Mean Adjusted Result: Range?



$$y = ((A - D) / (1 + (x/C)^B)) + D$$

○ Std (Standards: Concentration vs MeanValue)

A	B	C	D	R ²
0,224	118,124	0,008	0,53	0,437

Experiment#1

	1	2	3	4	5	6	7	8	9	10	11	12
		lgM- Standard	ohne Stimulus	LPS	LPS+ IL-4	Plate#1						
A	0,010	0,523	0,011	0,686	0,522							
B	-0,018	0,415	0,008	0,880	0,488							
C	0,006	0,230	0,005	0,704	0,228							
D	-0,003	0,117	0,003	0,642	0,148							
E	-0,002	0,041	0,004	0,239	0,061							
F	-0,012	0,012	0,003	0,142	0,031							
G	0,009	0,007	0,003	0,071	0,014							
H	0,010	0,003	-0,005	0,053	0,013							
Endpoint		Lm1 405	Automix: Off Calibrate: On		Last Read: 27.06.2005 14:29 Uhr							

Wavelength Combination: lLm1

Mean Temperature: 27,3

Data Mode: Absorbance

Plate Blank Used Lm1 = 0,079

J

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

I

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

H

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

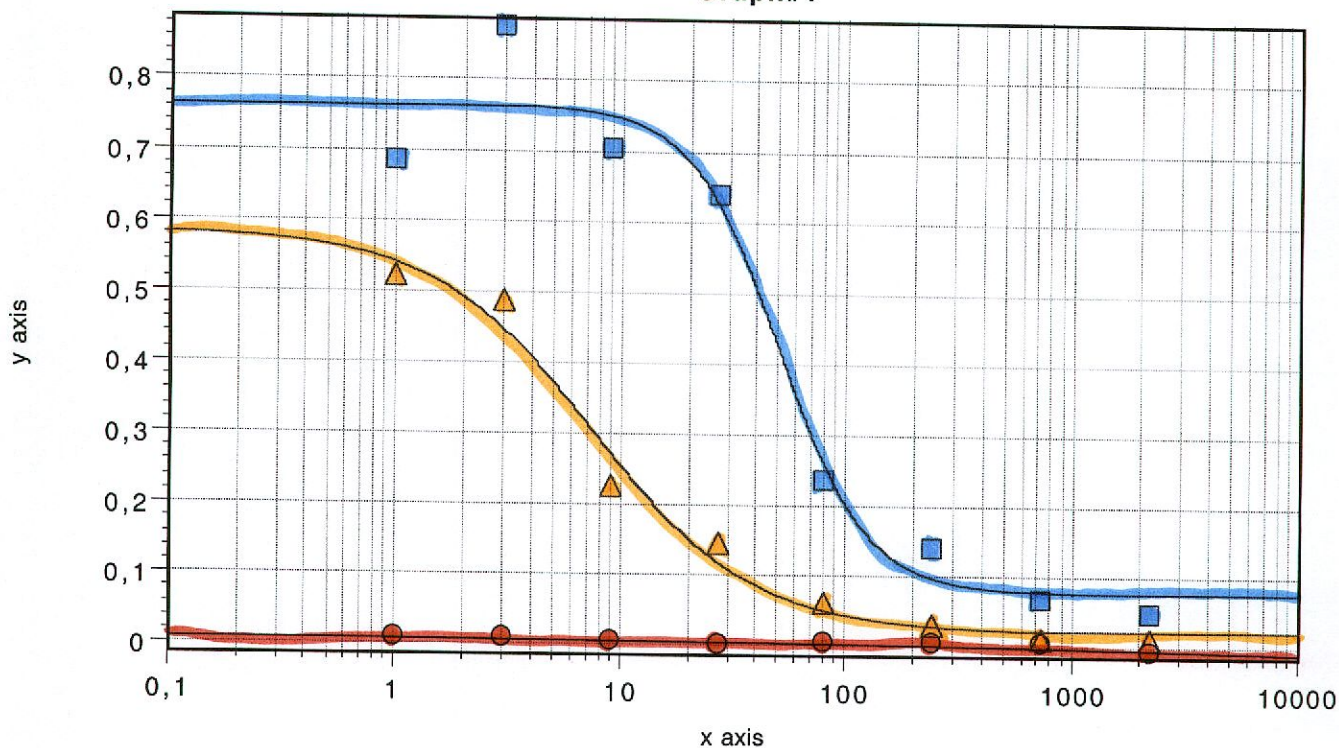
G

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

Graph#1



$$y = (A - D) / (1 + (x/C)^B) + D$$

	A	B	C	D	R ²
● Plot#1 (A: Dilution vs Values) <i>ohne Stimulans</i>	0,012	0,184	4,34e16	-4,158	0,769
□ Plot#10 (J: Dilution vs Values)	*** NO DATA AVAILABLE ***				
○ Plot#9 (I: Dilution vs Values)	*** NO DATA AVAILABLE ***				
◆ Plot#8 (H: Dilution vs Values)	*** NO DATA AVAILABLE ***				
▲ Plot#7 (E: Dilution vs Values)	*** NO DATA AVAILABLE ***				
■ Plot#6 (G: Dilution vs Values)	*** NO DATA AVAILABLE ***				
● Plot#5 (F: Dilution vs Values)	*** NO DATA AVAILABLE ***				
◇ Plot#4 (D: Dilution vs Values)	*** NO DATA AVAILABLE ***				
▲ Plot#3 (C: Dilution vs Values) <i>LPS+IL-4</i>	0,585	1,22	7,529	0,022	0,983
■ Plot#2 (B: Dilution vs Values) <i>LPS</i>	0,766	2,197	50,148	0,077	0,968

F

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

E

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

D

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
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R - Outside standard range

Mean Adjusted Result:

C LPS+IL4 (1gM)

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
C01	A5	0,522		0,950	0,950	0,000	0,0	1,0	0,950
C02	B5	0,488		0,652	0,652	0,000	0,0	3,0	1,957
C03	C5	0,228		0,102	0,102	0,000	0,0	9,0	0,914
C04	D5	0,148		0,055	0,055	0,000	0,0	27,0	1,477
C05	E5	0,061		0,019	0,019	0,000	0,0	81,0	1,539
C06	F5	0,031		0,009	0,009	0,000	0,0	243,0	2,179
C07	G5	0,014		0,003	0,003	0,000	0,0	729,0	2,514
C08	H5	0,013		0,003	0,003	0,000	0,0	2187,0	6,875

R - Outside standard range

Mean Adjusted Result: 2,30

B LPS (1gM)

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
B01	A4	0,686	R	Range?	Range?	Range?	Range?	1,0	Range?
B02	B4	0,880	R	Range?	Range?	Range?	Range?	3,0	Range?
B03	C4	0,704	R	Range?	Range?	Range?	Range?	9,0	Range?
B04	D4	0,642	R	Range?	Range?	Range?	Range?	27,0	Range?
B05	E4	0,239		0,109	0,109	0,000	0,0	81,0	8,865
B06	F4	0,142		0,052	0,052	0,000	0,0	243,0	12,614
B07	G4	0,071		0,022	0,022	0,000	0,0	729,0	16,319
B08	H4	0,053		0,016	0,016	0,000	0,0	2187,0	34,895

R - Outside standard range

Mean Adjusted Result: 18,17

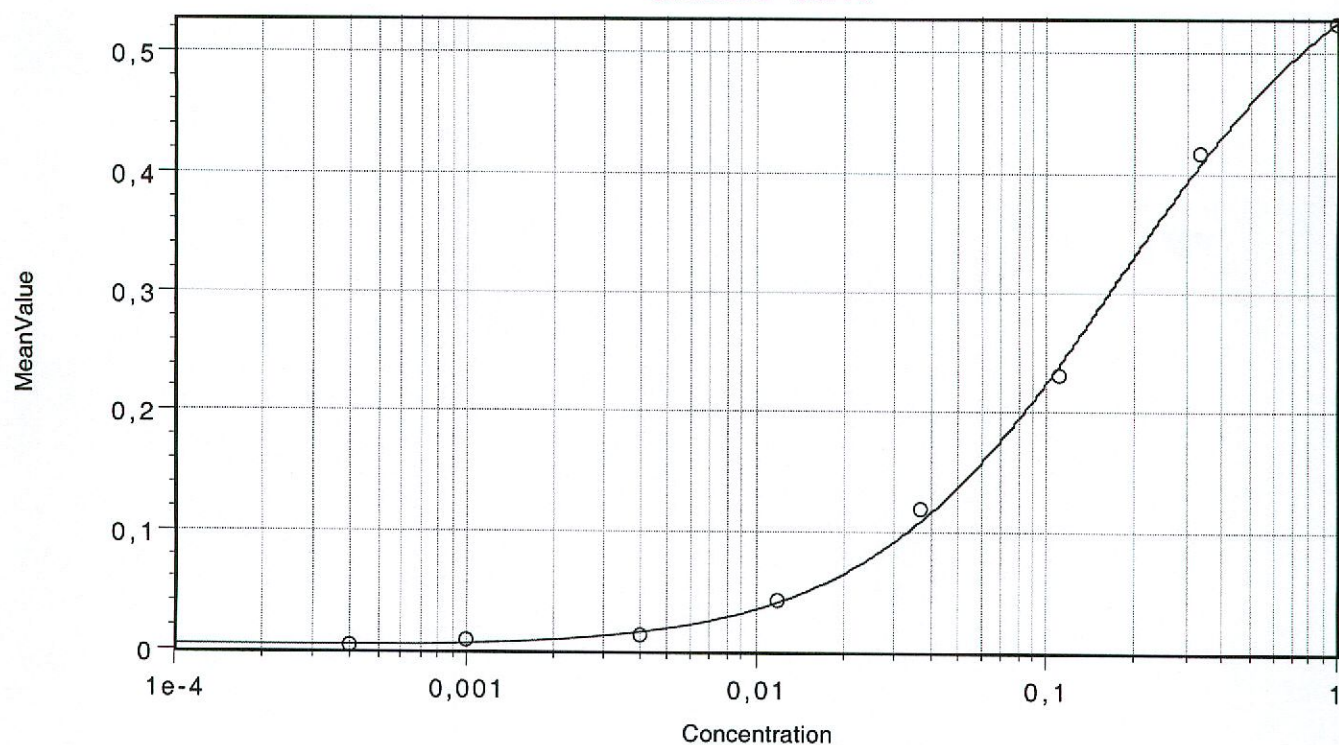
A alone Stimulans (1gM)

Sample	Wells	Values	R	Result	MeanResult	Std.Dev.	CV%	Dilution	Adj.Result
A01	A3	0,011		0,003	0,003	0,000	0,0	1,0	0,003
A02	B3	0,008		0,002	0,002	0,000	0,0	3,0	0,005
A03	C3	0,005		0,001	0,001	0,000	0,0	9,0	0,006
A04	D3	0,003		0,000	0,000	0,000	0,0	27,0	0,008
A05	E3	0,004		0,001	0,001	0,000	0,0	81,0	0,053
A06	F3	0,003		0,000	0,000	0,000	0,0	243,0	0,086
A07	G3	0,003		0,000	0,000	0,000	0,0	729,0	0,258
A08	H3	-0,005	R	Range?	Range?	Range?	Range?	2187,0	Range?

R - Outside standard range

Mean Adjusted Result: 0,06

Standard Curve



$y = (A - D) / (1 + (x/C)^B) + D$: A B C D R²
 ○ Std (Standards: Concentration vs MeanValue) 0,002 1,015 0,172 0,613 0,999