

Unknowns Dilution

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

Mean Adjusted Result:

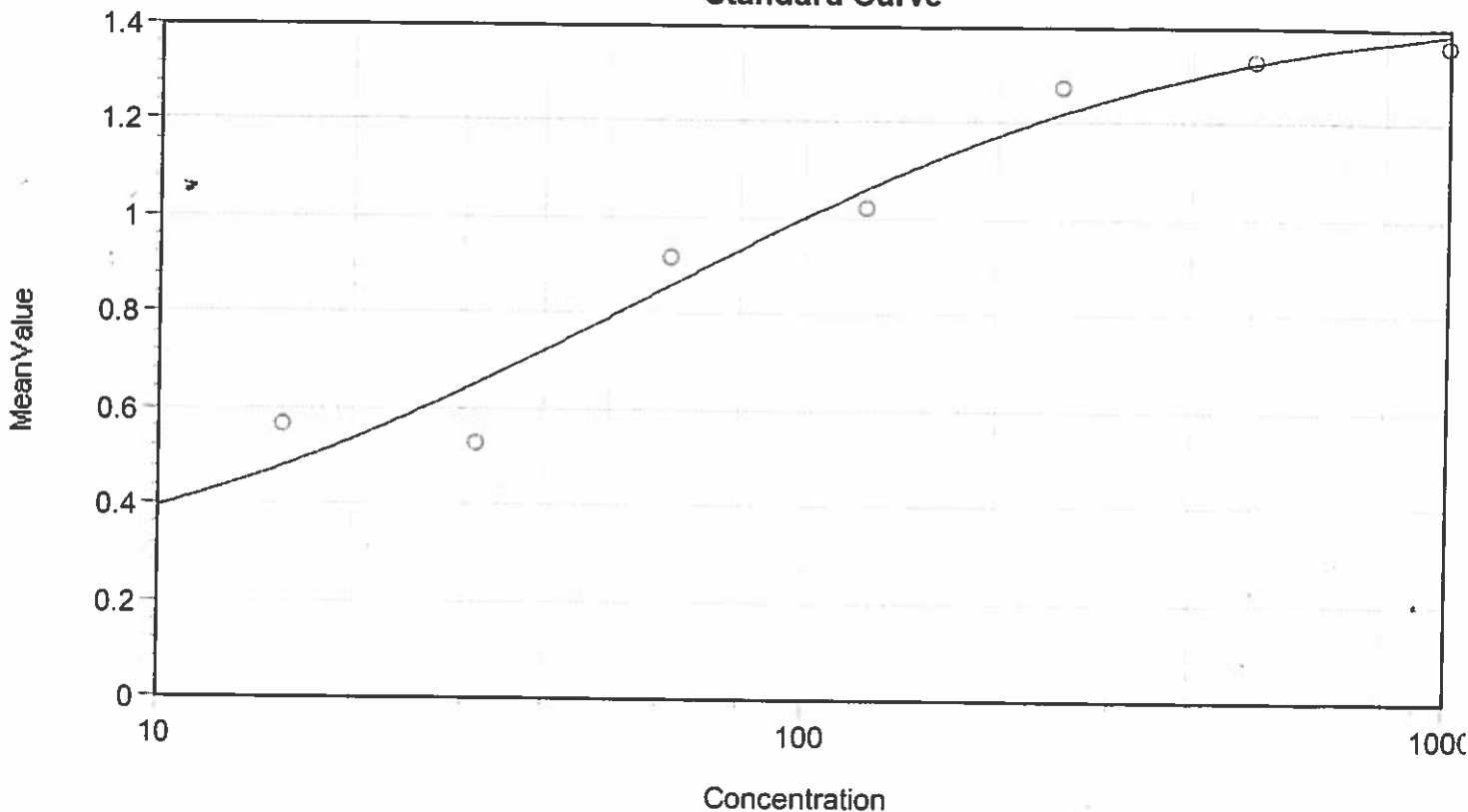
Control

Sample	Wells	Sample#	Values	MeanValue
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10 → 10500

Primary Ab: 1 → 500 dilution

Standard Curve



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

	A	B	C	D	R ²
Std (Standards: Concentration vs MeanValue)	0.199	0.975	56.492	1.459	0.976

Experiment#2

CuvetteSet#1

A1	Sa01

Data: No Data
Ref: No Reference

A2	Sa02

Data: No Data
Ref: No Reference

A3	Sa03

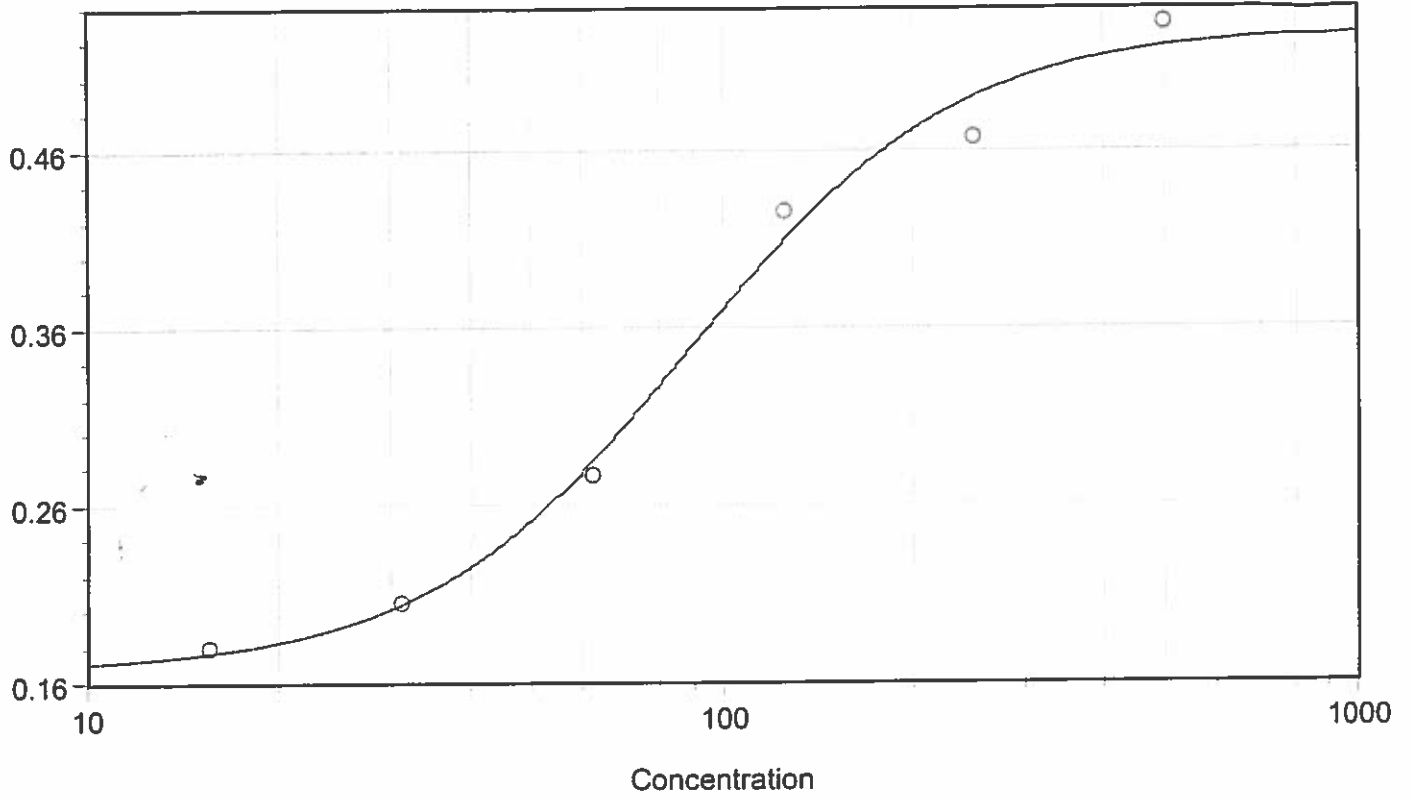
Data: No Data
Ref: No Reference

Endpoint
Lm1 260
Lm2 280

Experiment#1

1:600

Standard Curve



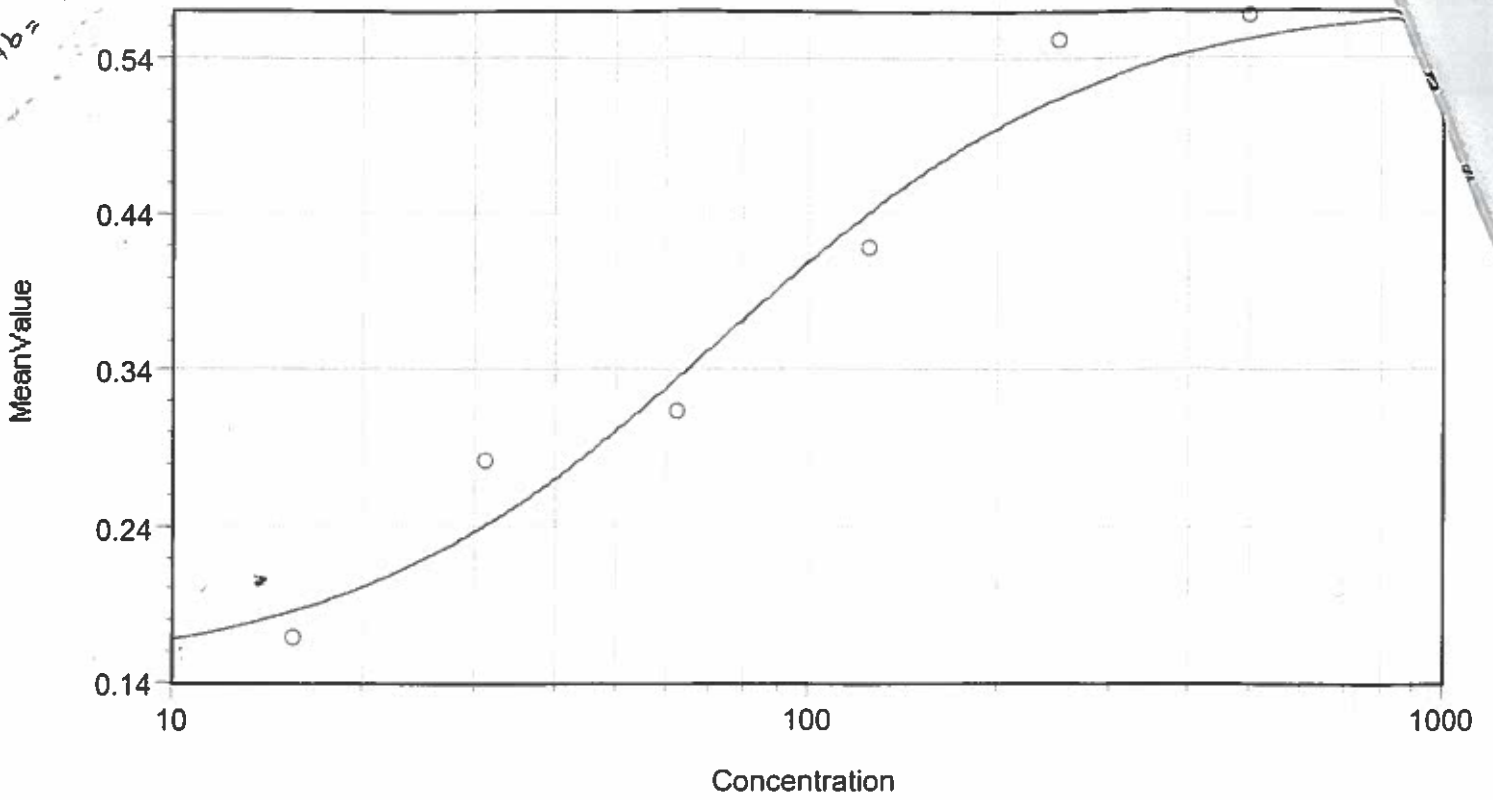
primary 1:10 - 1 -> 600 dilution
MeanValue

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

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>R²</u>
o Std (Standards: Concentration vs MeanValue)	0.167	2.083	88.777	0.528	0.992

Primary Ab: 1 → 100 dilution
 10 Ab = 1:700

Standard Curve



$$y = \left(\frac{A - D}{1 + (x/C)^B} \right) + D$$

	A	B	C	D	R ²
Std (Standards: Concentration vs Mean Value)	0.147	1.477	73.916	0.576	0.974

Experiment#2

CuvetteSet#1

A1	Sa01

Data: No Data
 Ref: No Reference

A2	Sa02

Data: No Data
 Ref: No Reference

A3	Sa03

Data: No Data
 Ref: No Reference

Endpoint	
Lm1	260
Lm2	280

Wavelength Combination: !Lm1
 Data Mode: Absorbance

Samples

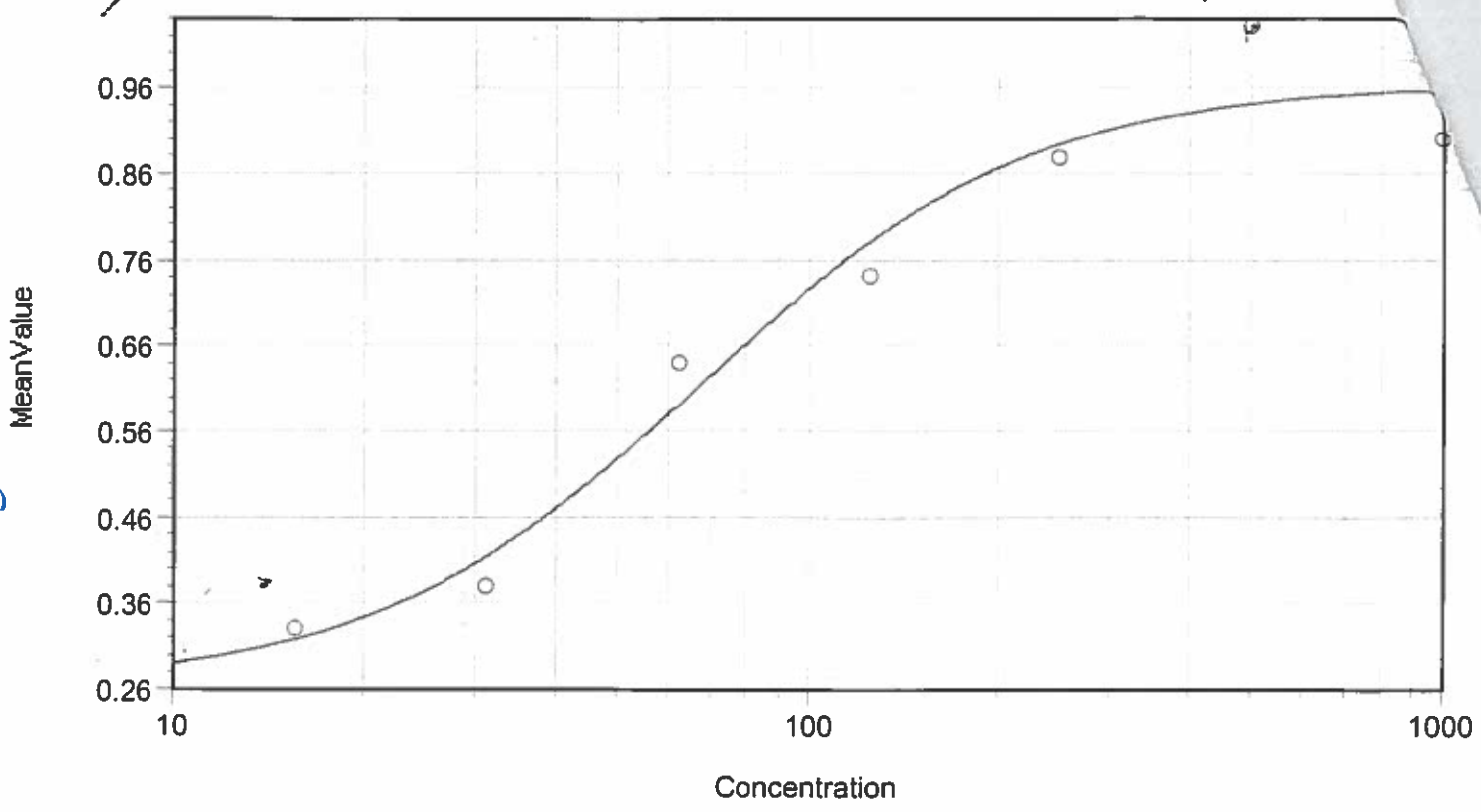
Sample	Wells	Sample#	OD260	OD280
Sa01	A1	1		
Sa02	A2	2		
Sa03	A3	3		

Primary Ab: 1 - 800 dilution

10000

10000 - 10800

Standard Curve



$$y = \left(\frac{A - D}{1 + (x/C)^B} \right) + D$$

○ Std (Standards: Concentration vs MeanValue) **A** **B** **C** **D** **R²**
 0.263 1.674 67.689 0.965 0.971

Experiment#2

CuvetteSet#1

A1	Sa01

Data: No Data
Ref: No Reference

A2	Sa02

Data: No Data
Ref: No Reference

A3	Sa03

Data: No Data
Ref: No Reference

Endpoint
Lm1 260
Lm2 280

Wavelength Combination: !Lm1
Data Mode: Absorbance

Samples

Sample	Wells	Sample#	OD260	OD280
Sa01	A1	1		
Sa02	A2	2		
Sa03	A3	3		

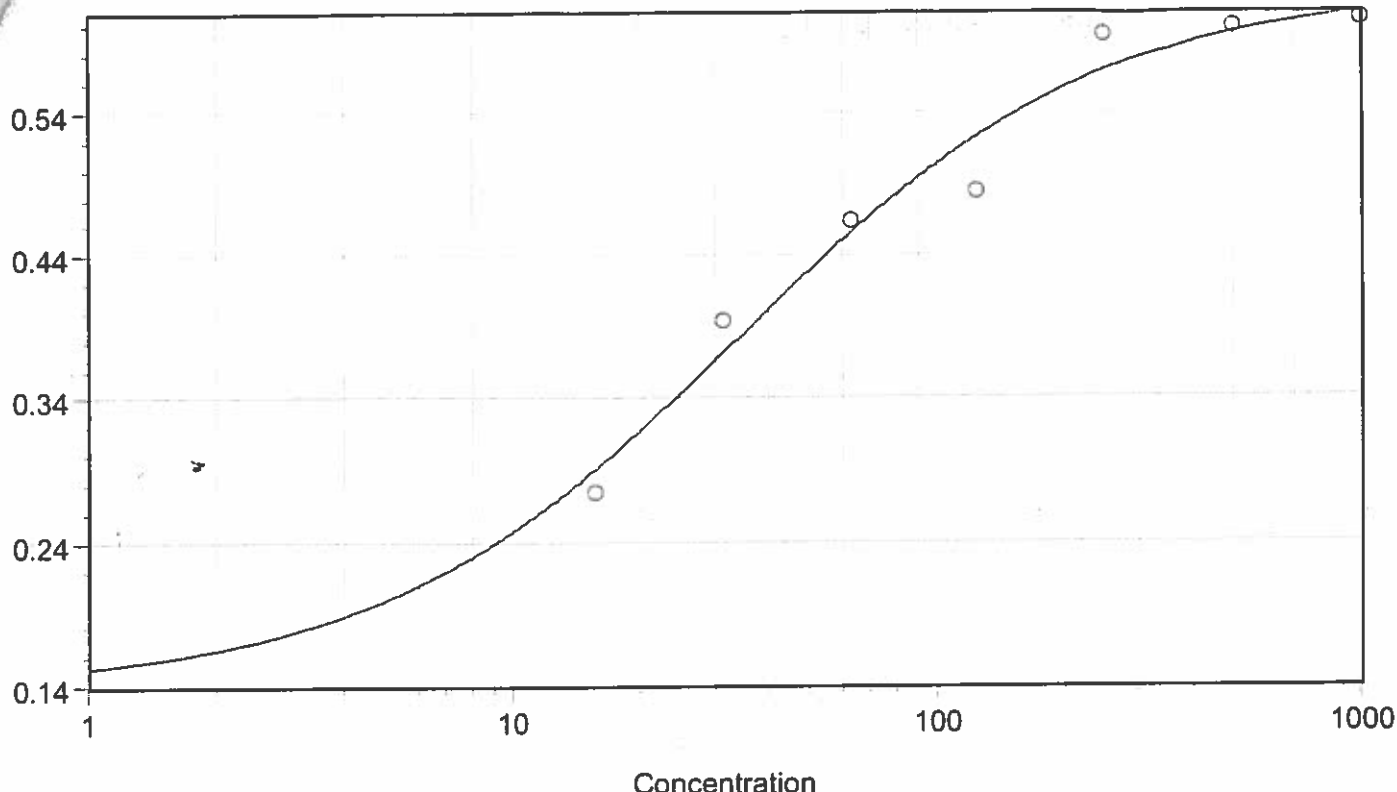
Experiment#1

10Ab → 1:1000

4-parametric plot.

Standard Curve

Primary Ab : 1 → 1000 dilutions
Mean Value



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

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>R²</u>
○ Std (Standards: Concentration vs Mean Value)	0.14	1.025	33.745	0.624	0.985

1:600

UnknownsDilution

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

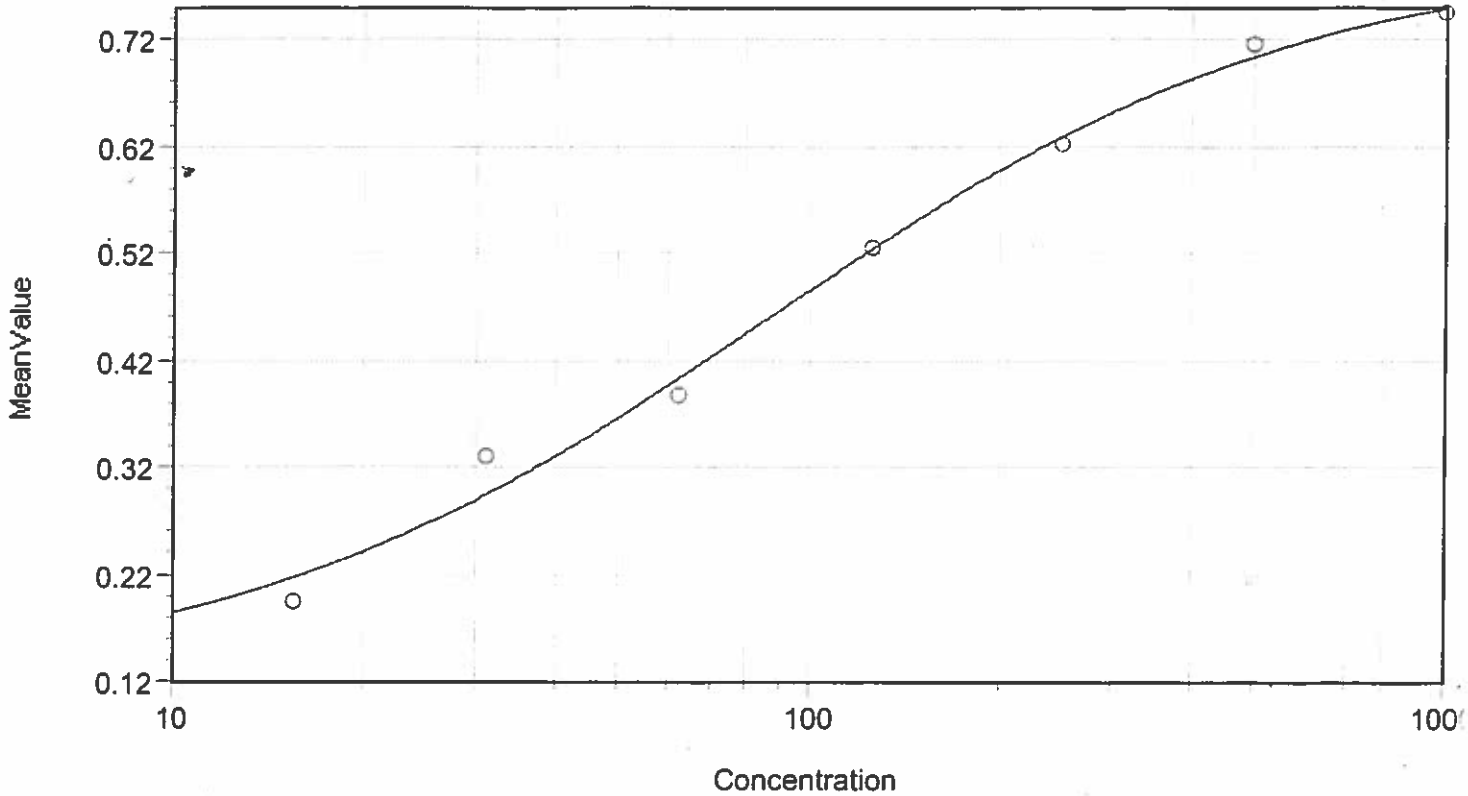
1° Ab = 1:600
 2° Ab = 1:10,000

Control

Sample	Wells	Sample#	Values	MeanValue
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2° Ab : 1 → 10,000 Dilution

Standard Curve



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

	A	B	C	D	R ²
Std (Standards: Concentration vs MeanValue)	0.118	1.035	85.725	0.799	0.994

Experiment#2

CuvetteSet#1

A1	Sa01
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Data: No Data
 Ref: No Reference

A2	Sa02
----	------

Data: No Data
 Ref: No Reference

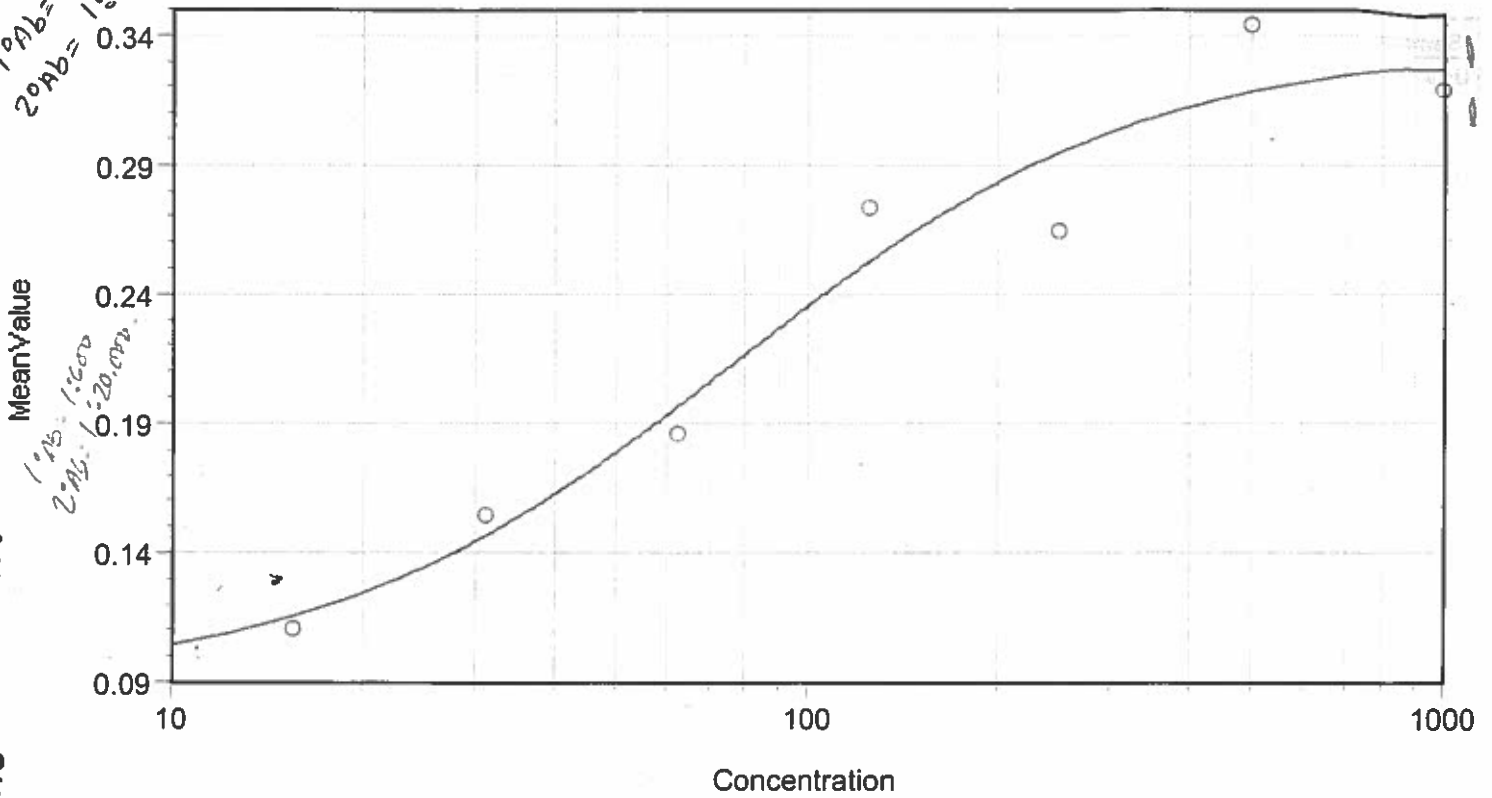
A3	Sa03
----	------

Data: No Data
 Ref: No Reference

Endpoint
Lm1 260
Lm2 280

Standard Curve

2° Ab : 1 → 20.000 Dilution
 1° Ab = 1:1000
 2° Ab = 1:20.000



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

○ Std (Standards: Concentration vs MeanValue)
 A B C D R²
 0.09 1.349 76.193 0.336 0.964

Experiment#2

CuvetteSet#1

A1	Sa01

Data: No Data
Ref: No Reference

A2	Sa02

Data: No Data
Ref: No Reference

A3	Sa03

Data: No Data
Ref: No Reference

Endpoint	
Lm1	260
Lm2	280

Wavelength Combination: !Lm1
Data Mode: Absorbance

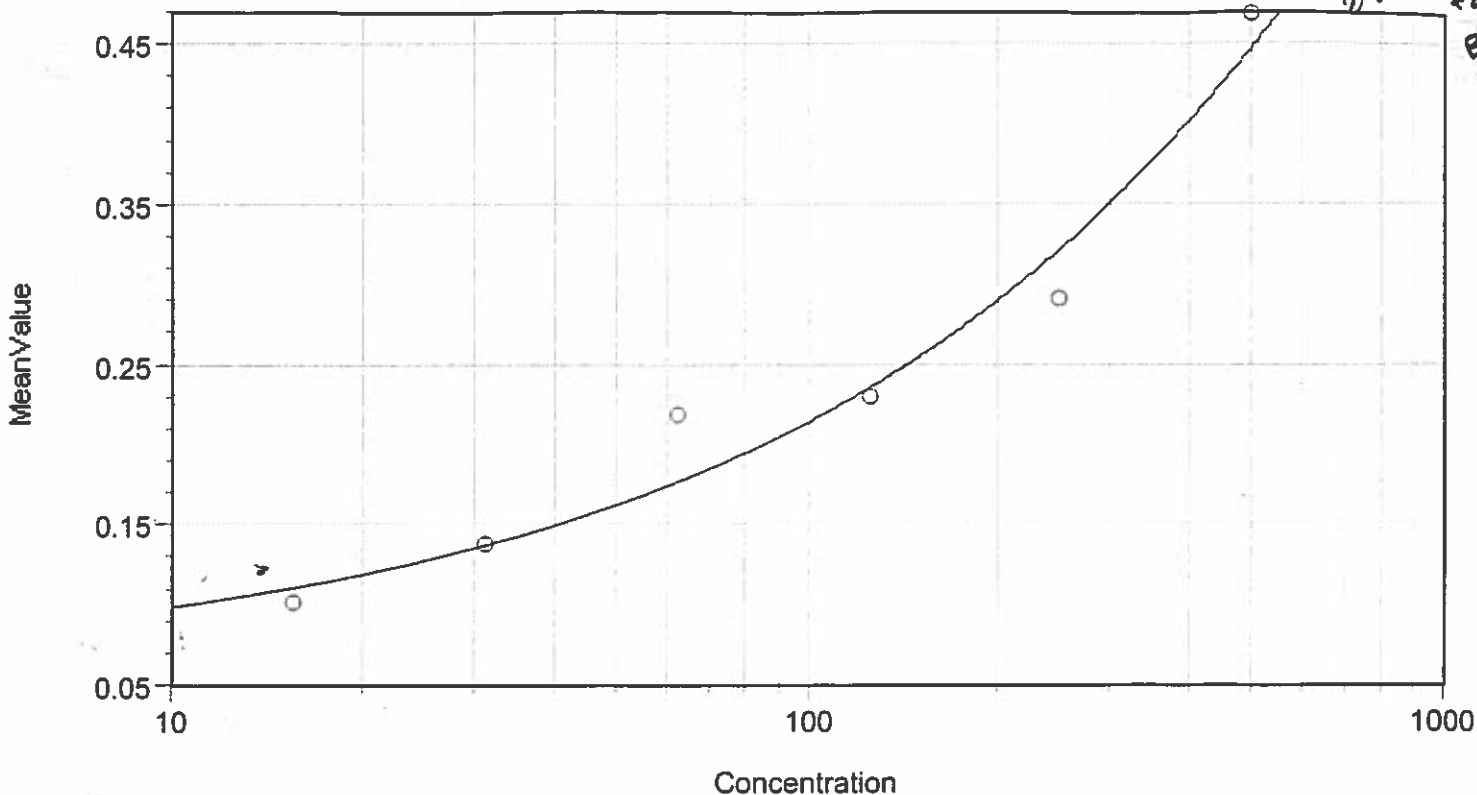
Samples

Sample	Wells	Sample#	OD260	OD280
Sa01	A1	1		
Sa02	A2	2		
Sa03	A3	3		

2° Ab: 1 → 20,000 + 2.5% BSA.

Standard Curve

1° - 650
2° - 20,000 + 2.5% BSA



$$y = \left(\frac{A - D}{1 + (x/C)^B} \right) + D$$

○ Std (Standards: Concentration vs Mean Value) A: 0.06 B: 0.613 C: 21294.52 D: 4.319 R²: 0.972

Experiment#2

CuvetteSet#1

A1	Sa01

Data: No Data
Ref: No Reference

A2	Sa02

Data: No Data
Ref: No Reference

A3	Sa03

Data: No Data
Ref: No Reference

Endpoint
Lm1 260
Lm2 280

Wavelength Combination: !Lm1

Data Mode: Absorbance

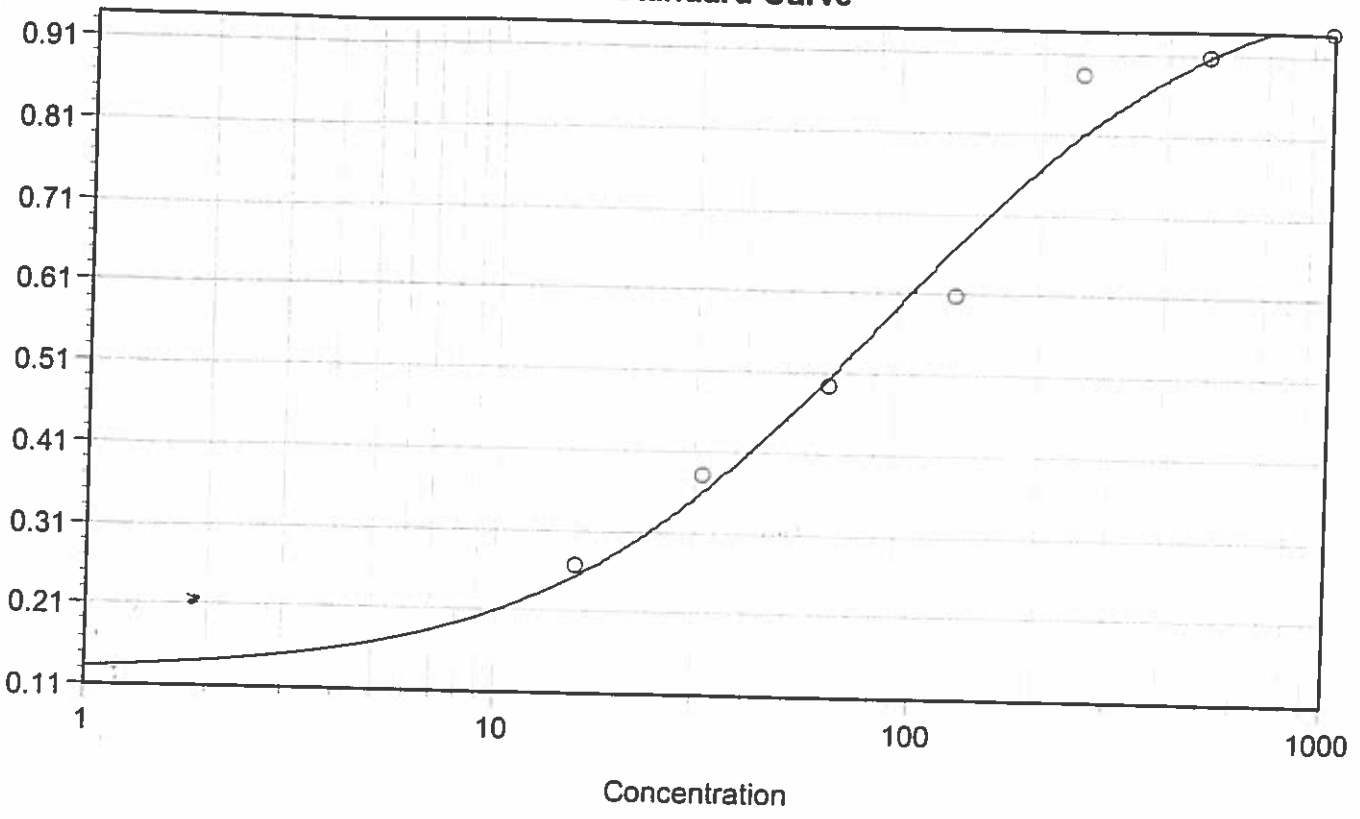
Samples

Sample	Wells	Sample#	OD260	OD280
Sa01	A1	1		
Sa02	A2	2		
Sa03	A3	3		

2010-1-16
15:12

Standard Curve

2*Ab: 1 -> 20,000 + 5% BSA.
MeanValue



4-P Fit: $y = (A - D) / (1 + (x/C)^B) + D$

Std (Standards: Concentration vs MeanValue)

A	B	C	D	R ²
0.124	1.06	83.7	1.02	0.984

Weighting: Fixed

Pearson correlation
↓
correlate
↓
Bivariate
↓
Pearson
↓
Variables
OK