

Intro

Basic Endpoint Protocol

Use this protocol for endpoint assays that have unknowns that will have concentrations interpolated from a standard curve. Modify the instrument setup for the wavelength(s) of interest for your assay. You may also modify the template to include additional standards, unknowns, and controls. To make modifications, click the plate section to make it active.

READER SUITABILITY:

SpectraMax M2, M2e, M3, M4, M5, and M5e.

SpectraMax Plus 384, 190, SpectraMax 190, 340PC 384 and VersaMax
Emax and Vmax

PROTOCOL REVISION HISTORY:

03/02/11 - Imported from 5.4 and edited. (ELM)

10/11/11 - Updated with the additional instruments supported in SMP 6.1

Plate1

	1	2	3	4	5	6	7	8	9	10	11	12
A	1.1e7	4.4e6	1.5e6	6.1e5	3.2e5	1.8e5	1.1e5	7.7e4	1.4e5	3.2e4	3.2e4	3.1e4
B	1.9e5	2.6e5	2.0e5	1.5e5	9.6e4	4.3e5	3.7e5	9.4e4	2.3e5	3.0e5	3.2e4	3.1e4
C	6.6e5	2.7e5	2.4e5	2.1e5	3.4e4	3.3e4	3.2e4	3.3e4	3.3e4	3.3e4	3.1e4	3.2e4
D	3.2e4	3.2e4	3.3e4	3.2e4	3.2e4	3.3e4	3.1e4	3.3e4	3.3e4	3.3e4	3.2e4	3.2e4
E	3.2e4	3.2e4	3.3e4	3.3e4	3.3e4	3.2e4	3.2e4	3.2e4	3.3e4	3.2e4	3.2e4	3.2e4
F	3.2e4	3.2e4	3.3e4	3.4e4	3.3e4	3.3e4	3.3e4	3.3e4	3.3e4	3.2e4	3.2e4	3.2e4
G	3.2e4	3.2e4	3.3e4	3.3e4	3.3e4	3.2e4	3.3e4	3.4e4	3.3e4	3.2e4	3.2e4	3.1e4
H	3.2e4	3.2e4	3.2e4	3.2e4	3.3e4	3.2e4	3.2e4	3.3e4	3.2e4	3.1e4	3.1e4	3.1e4

Settings Information

Endpoint
 Fluorescence
 Lm1 485,535
 Slide(s) Ex1, Em1
 More Settings
 Shake Off
 ReadOrder Row
 Show Optimizer On
 PMT and Optics
 Integration Time 400 ms
 Read from Top
 Read Height 1.00 mm

Read Information

FilterMax F5
 ROM vV1.1 b32 10.12.2010
 Start Read : 2:13 PM 8/7/2015

Mean Temperature : 24 °C

Reduction Settings

Wavelength Combination : !Lm1

Standards

Sample	Concentration µg/mL	BackCalcConc	Wells	Value	MeanValue	SD	CV
01	200.000	210.222	A1	1098...	10989984....	0....	0.0
02	100.000	88.677	A2	4437...	4437721.000	0....	0.0
03	50.000	34.457	A3	1514...	1514791.000	0....	0.0
04	25.000	17.765	A4	6149...	614989.000	0....	0.0
05	12.500	12.323	A5	3215...	321594.000	0....	0.0
06	6.250	9.745	A6	1826...	182626.000	0....	0.0
07	3.125	8.427	A7	1115...	111570.000	0....	0.0
08	1.563	7.781	A8	7674...	76740.000	0....	0.0
09	0.000	9.042	A9	1447...	144731.000	0....	0.0

Smallest standard value: 76740.000

Largest standard value: 10989984.000

Unknowns

Sample	Wells	Value	R	Result	MeanResult	SD	CV
01	B1	1879...		9.844	9.844	0....	0.0
02	B2	2601...		11.183	11.183	0....	0.0
03	B3	2037...		10.137	10.137	0....	0.0
04	B4	1463...		9.071	9.071	0....	0.0
05	B5	9572...		8.133	8.133	0....	0.0
06	B6	4297...		14.329	14.329	0....	0.0
07	B7	3722...		13.263	13.263	0....	0.0
08	B8	9406...		8.102	8.102	0....	0.0
09	B9	2325...		10.670	10.670	0....	0.0
10	C1	6626...		18.648	18.648	0....	0.0
11	C2	2668...		11.307	11.307	0....	0.0
12	C3	2449...		10.900	10.900	0....	0.0
13	C4	2100...		10.253	10.253	0....	0.0
14	C5	3407...	R	6.989	6.989	0....	0.0
15	C6	3279...	R	6.965	6.965	0....	0.0
16	C7	3247...	R	6.959	6.959	0....	0.0
17	C8	3269...	R	6.964	6.964	0....	0.0
18	C9	3298...	R	6.969	6.969	0....	0.0

R - Outside standard range

Unk_Dilution

Sample	Wells	Value	R	Result	MeanResult	SD	CV	Dilution	AdjResult
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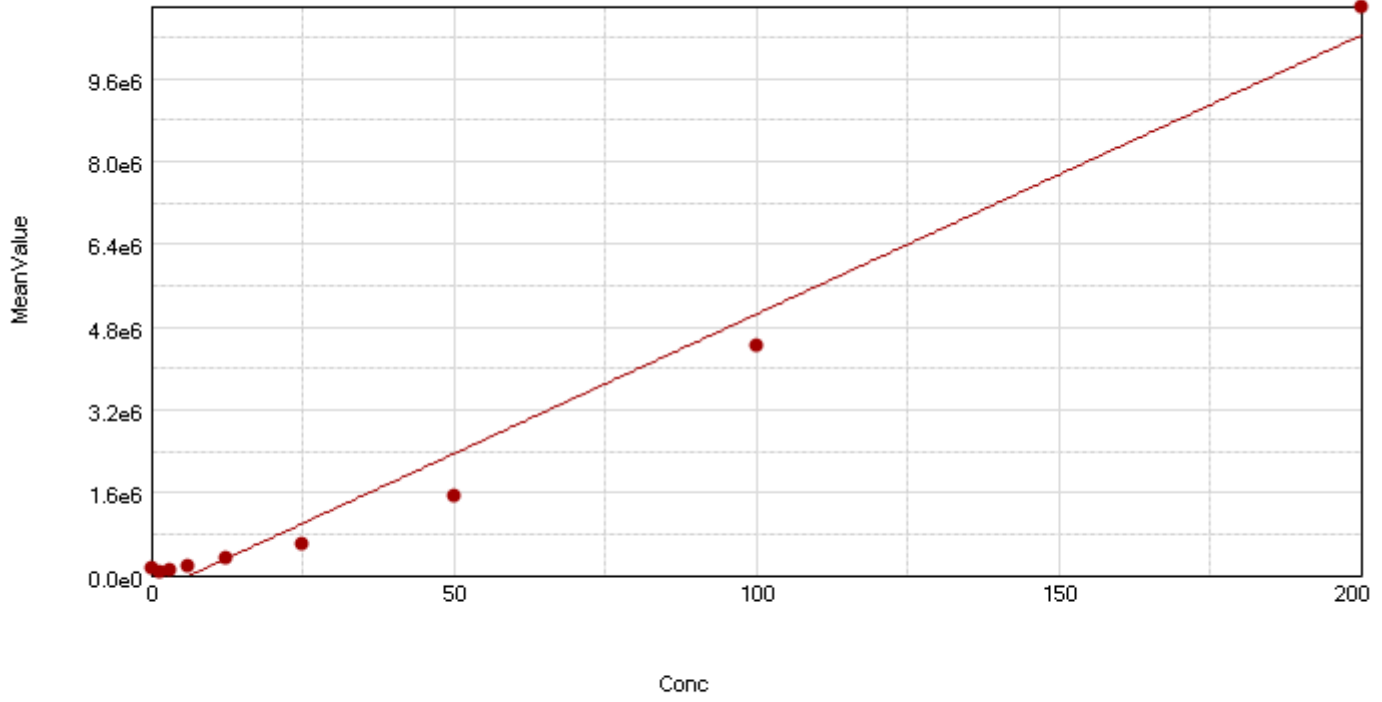
R - Outside standard range

Mean Adjusted Result:

Control

Sample	Wells	Sample#	Values	MeanValue
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StandardCurve



● Std (Standards: MeanVal... vs Concentr...)

Curve Fit Results ▼