

## 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	3.0e4	3.0e4	3.2e4	3.2e4	3.2e4	3.1e4	3.2e4	3.1e4	3.1e4	3.1e4	3.0e4	3.0e4
B	3.1e4	1.0e7	4.5e6	1.8e6	7.1e5	2.9e5	1.3e5	4.2e4	1035.0	4.2e4	4.2e4	4.2e4
C	3.1e4	9.0e6	4.5e6	1.7e6	6.8e5	2.8e5	1.3e5	4.3e4	-1035	4.3e4	4.2e4	4.2e4
D	3.2e4	2.0e5	3.8e5	8.6e5	4.4e4	7.7e5	2.9e5	3.7e5	4.4e4	4.3e4	4.3e4	3.0e4
E	3.1e4	4.5e4	3.8e5	8.9e5	4.4e4	8.4e5	2.8e5	4.5e5	4.5e4	4.3e4	4.2e4	3.1e4
F	3.2e4	3.2e4	3.2e4	3.3e4	3.3e4	3.2e4	3.1e4	3.2e4	3.2e4	3.2e4	3.1e4	3.1e4
G	3.1e4	3.1e4	3.2e4	3.3e4	3.2e4	3.2e4	3.2e4	3.2e4	3.1e4	3.1e4	3.1e4	3.1e4
H	3.0e4	3.1e4	3.2e4	3.2e4	3.2e4	3.2e4	3.2e4	3.1e4	3.1e4	3.1e4	3.0e4	3.0e4

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 : 5:43 PM  
 8/28/2015  
 Mean Temperature : 25 °C

Reduction Settings

Group Blank Used (Raw Values)  
 Wavelength Combination : !Lm1

Standards

Sample	Concentration µg/mL	BackCalcConc	Wells	Value	MeanValue	SD	CV
01	200.000	212.581	B2	9992...	9484828.000	71...	7.6
		191.697	C2	8977...			
02	100.000	98.913	B3	4467...	4493847.500	37...	0.8
		100.005	C3	4520...			
03	50.000	44.436	B4	1819...	1776711.000	60...	3.4
		42.683	C4	1734...			
04	25.000	21.599	B5	7092...	694774.000	20...	3.0
		21.002	C5	6802...			
05	12.500	13.046	B6	2935...	285351.500	11...	4.1
		12.708	C6	2771...			
06	6.250	9.696	B7	1307...	128923.500	25...	2.0
		9.622	C7	1271...			
07	3.125	7.880	B8	4243...	42524.000	12...	0.3
		7.883	C8	4261...			

Smallest standard value: 42524.000

Largest standard value: 9484828.000

## Unknowns

Sample	Wells	Value	R	Result	MeanResult	SD	CV
01	D2	2031...		11.187	11.187	0....	0.0
02	D3	3766...		14.756	14.756	0....	0.0
03	D4	8619...		24.740	24.740	0....	0.0
04	D5	4377...		7.907	7.907	0....	0.0
05	D6	7674...		22.796	22.796	0....	0.0
06	D7	2937...		13.049	13.049	0....	0.0
07	D8	3724...		14.669	14.669	0....	0.0
08	D9	4406...		7.913	7.913	0....	0.0
09	E2	4513...		7.935	7.935	0....	0.0
10	E3	3760...		14.743	14.743	0....	0.0
11	E4	8902...		25.322	25.322	0....	0.0
12	E5	4377...		7.907	7.907	0....	0.0
13	E6	8442...		24.375	24.375	0....	0.0
14	E7	2767...		12.701	12.701	0....	0.0
15	E8	4540...		16.348	16.348	0....	0.0
16	E9	4458...		7.924	7.924	0....	0.0

R - Outside standard range

## Unk\_Dilution

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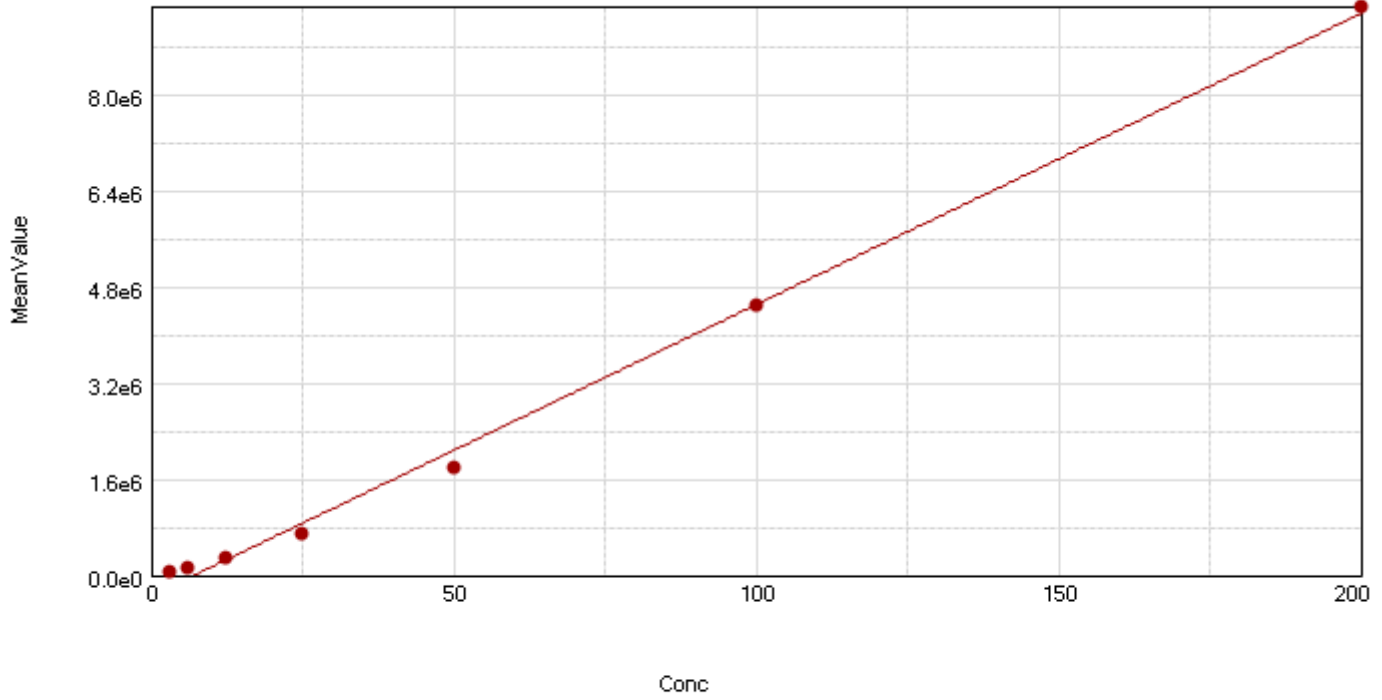
R - Outside standard range

Mean Adjusted Result:

## Control

Sample	Wells	Sample#	Values	MeanValue
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### StandardCurve



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

Curve Fit Results ▼