

## 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	-37.88	-2.8e6	6.9e6	7.7e6	5.6e6	4.6e5	2.5e4	9.5e5	4.5e4	3.0e6	8.2e5	5.4e4
B	98.125	-2.8e6	3.3e6	4.7e6	-1.2e6	9805.1	2.6e5	8.3e4	4.4e4	1.1e6	1.2e6	8.0e4
C	-12.88	-2.8e6	1.9e6	2.1e6	4.6e5	1.6e5	1.7e4	5.7e5	6.9e5	9.2e5	1.3e6	1.7e5
D	-12.88	-2.8e6	-1.8e6	-8.6e5	-9.0e5	6861.1	7.5e5	6.0e4	1.2e6	1.0e6	2.7e6	3.2e4
E	65.125	-2.8e6	-2.2e6	-2.0e6	6.9e5	5045.1	3.1e4	2.4e5	4.2e5	2.1e6	1.5e6	1.2e5
F	-51.88	-2.8e6	-2.2e6	-2.3e6	-2.2e5	6.7e5	5.4e5	2.1e4	1.2e6	6.6e5	8.1e5	2.1e5
G	-65.88	-2.8e6	-2.5e6	-2.5e6	-2.0e6	1.3e4	1.0e5	7.3e5	9.7e5	1.5e6	1.0e6	5282.1
H	18.125	-2.8e6	-2.7e6	-2.6e6	-2.4e6	1.9e5	4260.1	3.8e5	8.2e5	6.7e5	9.6e5	8504.1

**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 : 1:33 PM 5/8/2017  
 Temperature Set Point : 37 °C  
 Mean Temperature : 31.5 °C

**Reduction Settings**

Plate Blank Used : Lm1 = 1552  
 Group Blank Used (Raw Values)  
 Wavelength Combination : !Lm1

**Standards**

Sample	Conc	BackCalcConc	Wells	Value	MeanValue	SD	CV
01	0.100	0.002	A2	-2811...	3943322.042	58...	14...
			A3	6899...			
			A4	7741...			
02	0.060	0.002	B2	-2811...	1720242.375	39...	23...
			B3	3318...			
			B4	4653...			
03	0.036	0.002	C2	-2811...	402533.375	27...	69...
			C3	1923...			
			C4	2095...			
04	0.022	0.002	D2	-2811...	-1839083.9...	97...	53.0
			D3	-1845...			
			D4	-8602...			
05	0.013	0.002	E2	-2811...	-2349039.2...	40...	17.3
			E3	-2191...			
			E4	-2044...			
06	0.008	0.002	F2	-2811...	-2452453.6...	31...	12.9
			F3	-2214...			
			F4	-2331...			
07	0.005	0.002	G2	-2811...	-2597167.2...	18...	7.1
			G3	-2496...			
			G4	-2484...			
08	0.003	0.002	H2	-2811...	-2692330.2...	10...	3.9
			H3	-2654...			
			H4	-2610...			

Smallest standard value: -2692330.292

Largest standard value: 3943322.042

## Unknowns

Sample	Wells	Value	R	Result	MeanResult	SD	CV
01	A6	4589...		0.047	0.049	0....	18.7
	A7	2454...		0.041			
	A8	9523...		0.054			
	A9	4453...		0.041			
	A10	3001...		0.082			
	A11	8186...		0.052			
	A12	5388...		0.042			
	B6	9805....		0.041			
	B7	2608...		0.044			
	B8	8307...		0.042			
	B9	4442...		0.041			
	B10	1082...		0.056			
	B11	1163...		0.057			
	B12	7980...		0.042			
	C6	1559...		0.043			
	C7	1661...		0.041			
	C8	5654...		0.049			
	C9	6897...		0.050			
	C10	9245...		0.054			
	C11	1316...		0.059			
	C12	1732...		0.043			
	D6	6861....		0.041			
	D7	7478...		0.051			
	D8	6011...		0.042			
	D9	1229...		0.058			
	D10	1043...		0.055			
	D11	2706...		0.078			
	D12	3217...		0.041			
	E6	5045....		0.041			
	E7	3077...		0.041			
	E8	2416...		0.044			
	E9	4174...		0.047			
	E10	2123...		0.070			
	E11	1505...		0.062			
	E12	1185...		0.043			
	F6	6738...		0.050			
	F7	5431...		0.048			
	F8	2145...		0.041			
	F9	1168...		0.057			
	F10	6615...		0.050			
	F11	8100...		0.052			
	F12	2077...		0.044			
	G6	1343...		0.041			
	G7	1004...		0.042			
	G8	7322...		0.051			
	G9	9704...		0.054			
	G10	1453...		0.061			
	G11	1035...		0.055			
G12	5282....		0.041				
H6	1867...		0.043				
H7	4260....		0.041				
H8	3820...		0.046				
H9	8197...		0.052				
H10	6694...		0.050				
H11	9584...		0.054				
H12	8504....		0.041				

R - Outside standard range

### Unk\_Dilution

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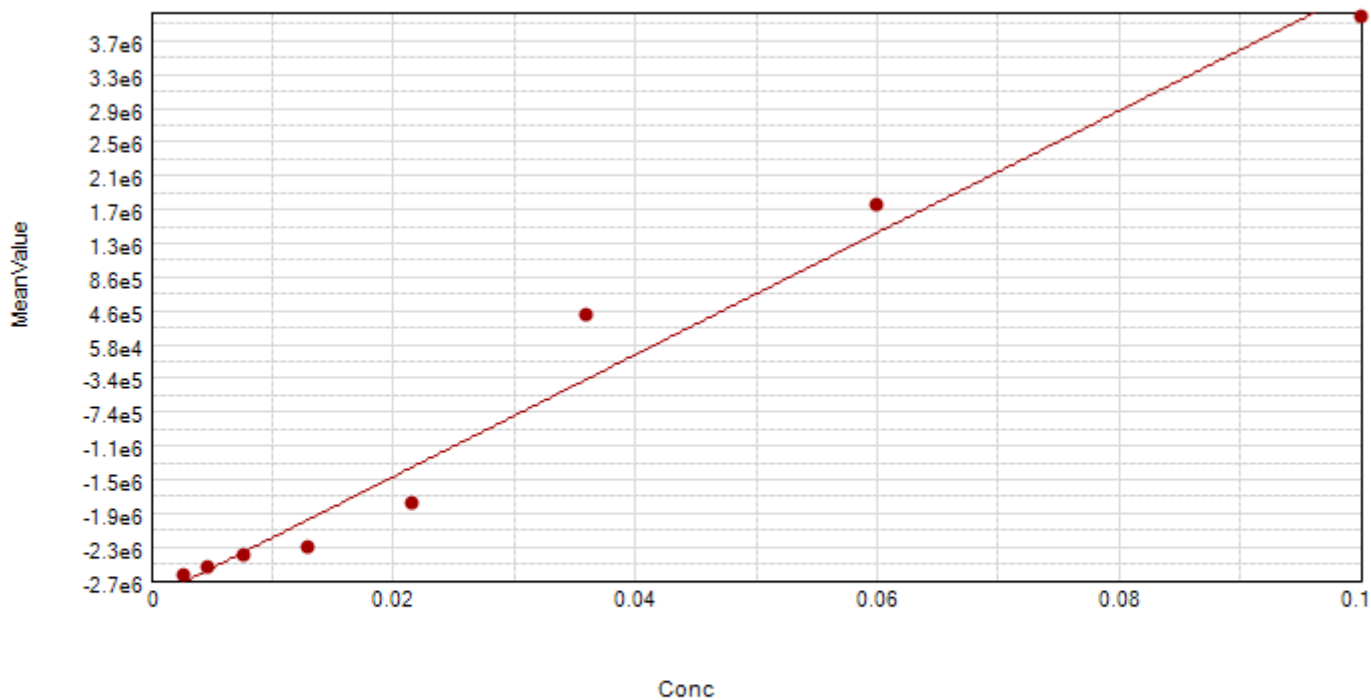
R - Outside standard range

Mean Adjusted Result:

### Control

Sample	Wells	Sample#	Values	MeanValue
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### StandardCurve



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

Curve Fit Results ▼