﻿##BLOCKS= 4

Note:

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

~End

Plate: Plate1 1.3 TimeFormat Endpoint Fluorescence FALSE Raw FALSE 1 1 525 1 12 96 490 Automatic 515 6 1 8

Temperature(¡C) A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12

22.6 3360.617 83.26 79.808 27.469 82.604 16.192 1106.7 128.077 17.542 18.366 308.99 183.33 493.534 29.353 16.693 27.102 56.042 13.58 1017.915 282.178 80.501 65.265 292.492 9.142 59.391 91.447 51.435 29.291 70.549 132.783 176.766 77.987 25.399 25.66 477.103 8.107 2.572 33.025 27.837 46.243 37.845 182.888 664.147 12.151 52.374 637.319 337.735 23.921 3261.749 35.058 29.28 31.26 56.308 453.111 382.363 46.846 58.561 17.518 373.067 18.713 491.657 27.839 18.984 52.578 13.735 196.289 1596.754 8.339 24.852 54.693 708.913 23.86 61.888 64.49 52.306 347.984 12.105 707.818 2327.83 46.66 34.648 26.613 413.243 39.662 1.787 25.803 25.161 181.285 43.091 817.102 682.7 39.981 18.764 27.041 421.558 92.981

A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12

3360.617 83.26 79.808 27.469 82.604 16.192 1106.7 128.077 17.542 18.366 308.99 183.33 493.534 29.353 16.693 27.102 56.042 13.58 1017.915 282.178 80.501 65.265 292.492 9.142 59.391 91.447 51.435 29.291 70.549 132.783 176.766 77.987 25.399 25.66 477.103 8.107 2.572 33.025 27.837 46.243 37.845 182.888 664.147 12.151 52.374 637.319 337.735 23.921 3261.749 35.058 29.28 31.26 56.308 453.111 382.363 46.846 58.561 17.518 373.067 18.713 491.657 27.839 18.984 52.578 13.735 196.289 1596.754 8.339 24.852 54.693 708.913 23.86 61.888 64.49 52.306 347.984 12.105 707.818 2327.83 46.66 34.648 26.613 413.243 39.662 1.787 25.803 25.161 181.285 43.091 817.102 682.7 39.981 18.764 27.041 421.558 92.981

~End

Group: Standards

Sample Concentration

µg/mL BackCalcConc Wells Value MeanValue SD CV

01 1.000 1.012 A1 3360.617 3311.183 69.910 2.1

0.982 E1 3261.749

02 0.100 0.132 B1 493.534 492.596 1.327 0.3

0.132 F1 491.657

03 0.010 -0.001 C1 59.391 60.639 1.766 2.9

-0.000 G1 61.888

04 0.000 -0.018 D1 2.572 2.180 0.555 25.5

-0.019 H1 1.787

Group Summaries

MinStd Smallest standard value: 2.180 Min(MeanValue)

MaxStd Largest standard value: 3311.183 Max(MeanValue)

~End

Group: Unk\_Dilution

Sample Wells Value R Result MeanResult SD CV Dilution AdjResult

01 A2 83.260 0.006 0.006 0.000 0.0 200.0 1.288

02 B2 29.353 -0.010 -0.010 0.000 0.0 200.0 -2.020

03 C2 91.447 0.009 0.009 0.000 0.0 200.0 1.790

04 D2 33.025 -0.009 -0.009 0.000 0.0 200.0 -1.795

05 E2 35.058 -0.008 -0.008 0.000 0.0 200.0 -1.670

06 F2 27.839 -0.011 -0.011 0.000 0.0 200.0 -2.113

07 G2 64.490 0.001 0.001 0.000 0.0 200.0 0.136

08 H2 25.803 -0.011 -0.011 0.000 0.0 200.0 -2.238

09 A3 79.808 0.005 0.005 0.000 0.0 200.0 1.076

10 B3 16.693 -0.014 -0.014 0.000 0.0 200.0 -2.797

11 C3 51.435 -0.003 -0.003 0.000 0.0 200.0 -0.665

12 D3 27.837 -0.011 -0.011 0.000 0.0 200.0 -2.113

13 E3 29.280 -0.010 -0.010 0.000 0.0 200.0 -2.025

14 F3 18.984 -0.013 -0.013 0.000 0.0 200.0 -2.657

15 G3 52.306 -0.003 -0.003 0.000 0.0 200.0 -0.612

16 H3 25.161 -0.011 -0.011 0.000 0.0 200.0 -2.278

17 A4 27.469 -0.011 -0.011 0.000 0.0 200.0 -2.136

18 B4 27.102 -0.011 -0.011 0.000 0.0 200.0 -2.158

19 C4 29.291 -0.010 -0.010 0.000 0.0 200.0 -2.024

20 D4 46.243 -0.005 -0.005 0.000 0.0 200.0 -0.984

21 E4 31.260 -0.010 -0.010 0.000 0.0 200.0 -1.903

22 F4 52.578 -0.003 -0.003 0.000 0.0 200.0 -0.595

23 G4 347.984 0.088 0.088 0.000 0.0 200.0 17.534

24 H4 181.285 0.037 0.037 0.000 0.0 200.0 7.303

25 A5 82.604 0.006 0.006 0.000 0.0 200.0 1.248

26 B5 56.042 -0.002 -0.002 0.000 0.0 200.0 -0.382

27 C5 70.549 0.003 0.003 0.000 0.0 200.0 0.508

28 D5 37.845 -0.007 -0.007 0.000 0.0 200.0 -1.499

29 E5 56.308 -0.002 -0.002 0.000 0.0 200.0 -0.366

30 F5 13.735 -0.015 -0.015 0.000 0.0 200.0 -2.979

31 G5 12.105 -0.015 -0.015 0.000 0.0 200.0 -3.079

32 H5 43.091 -0.006 -0.006 0.000 0.0 200.0 -1.177

33 A6 16.192 -0.014 -0.014 0.000 0.0 200.0 -2.828

34 B6 13.580 -0.015 -0.015 0.000 0.0 200.0 -2.988

35 C6 132.783 0.022 0.022 0.000 0.0 200.0 4.327

36 D6 182.888 0.037 0.037 0.000 0.0 200.0 7.402

37 E6 453.111 0.120 0.120 0.000 0.0 200.0 23.985

38 F6 196.289 0.041 0.041 0.000 0.0 200.0 8.224

39 G6 707.818 0.198 0.198 0.000 0.0 200.0 39.616

40 H6 817.102 0.232 0.232 0.000 0.0 200.0 46.323

41 A7 1106.700 0.320 0.320 0.000 0.0 200.0 64.095

42 B7 1017.915 0.293 0.293 0.000 0.0 200.0 58.646

43 C7 176.766 0.035 0.035 0.000 0.0 200.0 7.026

44 D7 664.147 0.185 0.185 0.000 0.0 200.0 36.936

45 E7 382.363 0.098 0.098 0.000 0.0 200.0 19.643

46 F7 1596.754 0.471 0.471 0.000 0.0 200.0 94.168

47 G7 2327.830 0.695 0.695 0.000 0.0 200.0 139.033

48 H7 682.700 0.190 0.190 0.000 0.0 200.0 38.074

49 A8 128.077 0.020 0.020 0.000 0.0 200.0 4.038

50 B8 282.178 0.067 0.067 0.000 0.0 200.0 13.495

51 C8 77.987 0.005 0.005 0.000 0.0 200.0 0.964

52 D8 12.151 -0.015 -0.015 0.000 0.0 200.0 -3.076

53 E8 46.846 -0.005 -0.005 0.000 0.0 200.0 -0.947

54 F8 8.339 -0.017 -0.017 0.000 0.0 200.0 -3.310

55 G8 46.660 -0.005 -0.005 0.000 0.0 200.0 -0.958

56 H8 39.981 -0.007 -0.007 0.000 0.0 200.0 -1.368

57 A9 17.542 -0.014 -0.014 0.000 0.0 200.0 -2.745

58 B9 80.501 0.006 0.006 0.000 0.0 200.0 1.119

59 C9 25.399 -0.011 -0.011 0.000 0.0 200.0 -2.263

60 D9 52.374 -0.003 -0.003 0.000 0.0 200.0 -0.608

61 E9 58.561 -0.001 -0.001 0.000 0.0 200.0 -0.228

62 F9 24.852 -0.011 -0.011 0.000 0.0 200.0 -2.297

63 G9 34.648 -0.008 -0.008 0.000 0.0 200.0 -1.695

64 H9 18.764 -0.013 -0.013 0.000 0.0 200.0 -2.670

65 A10 18.366 -0.013 -0.013 0.000 0.0 200.0 -2.695

66 B10 65.265 0.001 0.001 0.000 0.0 200.0 0.184

67 C10 25.660 -0.011 -0.011 0.000 0.0 200.0 -2.247

68 D10 637.319 0.176 0.176 0.000 0.0 200.0 35.290

69 E10 17.518 -0.014 -0.014 0.000 0.0 200.0 -2.747

70 F10 54.693 -0.002 -0.002 0.000 0.0 200.0 -0.465

71 G10 26.613 -0.011 -0.011 0.000 0.0 200.0 -2.188

72 H10 27.041 -0.011 -0.011 0.000 0.0 200.0 -2.162

73 A11 308.990 0.076 0.076 0.000 0.0 200.0 15.141

74 B11 292.492 0.071 0.071 0.000 0.0 200.0 14.128

75 C11 477.103 0.127 0.127 0.000 0.0 200.0 25.457

76 D11 337.735 0.085 0.085 0.000 0.0 200.0 16.905

77 E11 373.067 0.095 0.095 0.000 0.0 200.0 19.073

78 F11 708.913 0.198 0.198 0.000 0.0 200.0 39.683

79 G11 413.243 0.108 0.108 0.000 0.0 200.0 21.538

80 H11 421.558 0.110 0.110 0.000 0.0 200.0 22.049

81 A12 183.330 0.037 0.037 0.000 0.0 200.0 7.429

82 B12 9.142 -0.016 -0.016 0.000 0.0 200.0 -3.261

83 C12 8.107 -0.017 -0.017 0.000 0.0 200.0 -3.324

84 D12 23.921 -0.012 -0.012 0.000 0.0 200.0 -2.354

85 E12 18.713 -0.013 -0.013 0.000 0.0 200.0 -2.673

86 F12 23.860 -0.012 -0.012 0.000 0.0 200.0 -2.357

87 G12 39.662 -0.007 -0.007 0.000 0.0 200.0 -1.388

88 H12 92.981 0.009 0.009 0.000 0.0 200.0 1.884

Group Summaries

InRange R - Outside standard range

MeanResult Mean Adjusted Result: 8.62 Average(AdjResult)

~End

Original Filename: 2015-11-18\_APCL\_1; Date Last Saved: 11/18/2015 11:51:07 AM