## Introduction

# Default Protocol/Tutorial

If you are new to SOFTmax PRO, follow this tutorial as outlined in Chapter 7 of the *User's Manual.*
This protocol contains this Introduction and one Experiment section.

**Experiment #1:**
Quantitative Endpoint assay with Standards and Unknowns (with and without dilution factor). The unknowns are interpolated from a standard curve.

**To Customize This Default Protocol:**
First, delete any sections you do not want (for example, this Introduction).
Second, make any changes you wish to the Instrument Settings.
Last, save this default protocol with the name **Default Protocol** in the same folder as the SOFTmax PRO application (you will be asked if you wish to replace the existing default protocol--choose Yes).

## Experiment#1

### Plate#1

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 82.420 | 94.851 | 91.870 | 87.940 | 126.80 | 93.185 | 91.099 | 81.056 | 78.096 | 0.252 | 0.178 | 0.309 |
| | 82.420 | 94.851 | 91.870 | 87.940 | 126.80 | 93.185 | 91.099 | 81.056 | 78.096 | 0.252 | 0.178 | 0.309 |
| B | 84.016 | 92.165 | 98.968 | 95.131 | 91.301 | 101.56 | 90.667 | 91.479 | 89.793 | 0.054 | 0.224 | 0.052 |
| | 84.016 | 92.165 | 98.968 | 95.131 | 91.301 | 101.56 | 90.667 | 91.479 | 89.793 | 0.054 | 0.224 | 0.052 |
| C | 74.560 | 94.026 | 97.333 | 100.78 | 97.980 | 100.66 | 101.93 | 91.841 | 92.652 | 0.065 | 0.041 | 0.002 |
| | 74.560 | 94.026 | 97.333 | 100.78 | 97.980 | 100.66 | 101.93 | 91.841 | 92.652 | 0.065 | 0.041 | 0.002 |
| D | 86.585 | 102.97 | 94.044 | 107.80 | 108.60 | 108.50 | 109.86 | 96.142 | 92.015 | 0.144 | 0.221 | 0.167 |
| | 86.585 | 102.97 | 94.044 | 107.80 | 108.60 | 108.50 | 109.86 | 96.142 | 92.015 | 0.144 | 0.221 | 0.167 |
| E | 90.844 | 101.89 | 99.539 | 92.486 | 91.736 | 101.64 | 110.15 | 106.57 | 98.102 | 0.161 | 0.158 | 0.287 |
| | 90.844 | 101.89 | 99.539 | 92.486 | 91.736 | 101.64 | 110.15 | 106.57 | 98.102 | 0.161 | 0.158 | 0.287 |
| F | 77.145 | 83.822 | 101.53 | 95.429 | 92.201 | 88.870 | 88.950 | 78.565 | 77.187 | 0.038 | 0.181 | 0.172 |
| | 77.145 | 83.822 | 101.53 | 95.429 | 92.201 | 88.870 | 88.950 | 78.565 | 77.187 | 0.038 | 0.181 | 0.172 |
| G | -0.017 | 0.042 | 0.599 | -0.043 | 0.247 | 0.153 | 0.157 | 0.129 | -0.065 | 0.149 | 0.112 | 0.209 |
| | -0.017 | 0.042 | 0.599 | -0.043 | 0.247 | 0.153 | 0.157 | 0.129 | -0.065 | 0.149 | 0.112 | 0.209 |
| H | 93.418 | 91.492 | 96.368 | 93.405 | 0.093 | 0.163 | -0.065 | 0.202 | 0.121 | 0.062 | 0.151 | 0.189 |
| | 93.418 | 91.492 | 96.368 | 93.405 | 0.093 | 0.163 | -0.065 | 0.202 | 0.121 | 0.062 | 0.151 | 0.189 |

Endpoint

Fluorescence

| | Ex | Em | Cutoff* |
|---|---|---|---|
| Lm1 | 530 | 590 | 590 |

*Auto Cutoff

Automix: Off
Calibrate: On
PMT: Auto

Reads/Well: 6

Plate Last Read:
4:50 PM 1/20/2022

Wavelength Combination: !Lm1

### Standards (µg/ml)

| Sample | Concentration | Wells | BackConcCalc | Values | MeanValue | Std.Dev. | CV% |
|---|---|---|---|---|---|---|---|

Smallest standard value:
Largest standard value:

## Controls

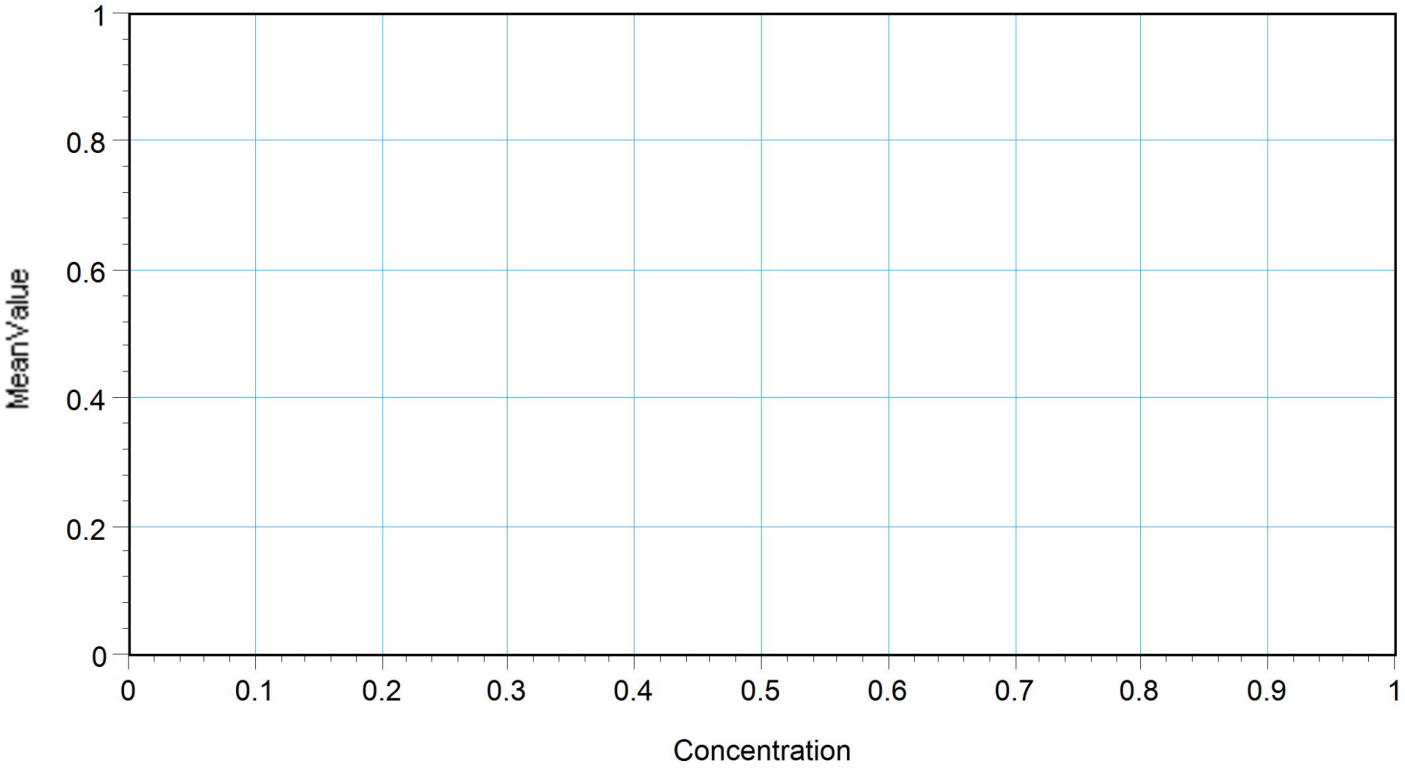
| Sample | Wells | Sample# | Values | MeanValue |
|---|---|---|---|---|

## Samples

| Sample | Wells | Values | Outliers | Result | MeanResult | Std.Dev. | CV% |
|---|---|---|---|---|---|---|---|

Outlier - Outside standard range

## Graph#1




○ Std (Standards: Concentration vs MeanValue)

*** NO DATA

## CuvetteSet#1

| A1 |
|---|
| |

Data: No Data
Ref: No Reference

| Endpoint |
|---|
| Lm1 450 |

Wavelength Combination: !Lm1
Data Mode: Absorbance