

1. Procedure summary

Method for creating SpectraMax templates from the SoftMax Pro software for obtaining absorbance or fluorescence values.

Related Procedures

Procedure impacts and concerns

Safety	Gloves should be worn at all times while performing this procedure.
Quality	N/A
Delivery	N/A
Environmental	Local policies and procedures should be followed as determined by the site leadership.
Cost	<Cost impacts>
Compliance	Compliance with OSHA's Hazardous Waste Operations and Response, and Hazardous Communication Standard in addition to the Sapphire Energy, Inc. Chemical Hygiene Plan is required (see 29 CFR 1910.120 and 1200).

Responsibilities and owners

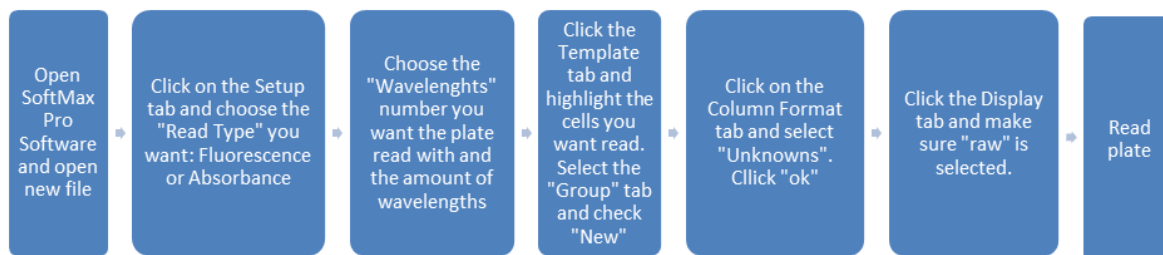
Document Owner	Manage content and distribution	Kari Mikkelson
Process Owner	Responsible for content and process validation	Rebecca White
Site Manager	Responsible for implementation and conformance	Rebecca White

2. Process

Process description

Creating a SpectraMax template from the SoftMax Pro software will allow you to obtain absorbance/optical density or fluorescence values at specific wavelengths from a 96 well culture plate.

Process diagram: Work Instruction



Equipment and Supplies

SpectraMax M2 Plate Reader and
SoftMax Pro Software
Computer

Process steps

1. Open the SoftMax Pro software.
2. Click on File and open New.
3. Click on Setup tab.

4. Select what kind of "Read Type" you want. Either Fluorescence or Absorbance.
5. Select what kind of "Wavelength" you want your plate read with and the number of wavelengths. Click "ok".
6. Select Template tab and highlight the cells you want read.
7. Click on the Group tab and select "New".
8. Click on the Column Format and choose "Unknowns." Click "ok".
9. Click the Display tab and make sure the "raw" function is always chosen. Click "ok" and read plate.

3. Required documents

Input documents

<Input document and storage instructions>

<Input document
number>

Output documents

<Output document and storage instructions>

<Output
document
number>

4. Document control

Revision history

R0 – Initial Release – Cheng Fang	11/2013
R1 – <Editor name>	<Date>

Document approval

<Name>

<Approval date>

Document reviewers

<Name>

<Last reviewed
date>

<Name>

<Last reviewed
date>

5. Risk analysis

<Risk name>

<Mitigation plan>

<Owner> <RPN>