BECKMAN COULTER

PARADIGM™

Detection Platform

Multimode Plate Detection

葉佳振

Beckman Coulter, Taiwan

Paradigm

- Absorbance
- Fluorescence Intensity
- Time Resolved Fluorescence
- Fluorescence Resonance Energy Transfer (FRET)
- Fluorescence Polarization
- HTRF
- Luminescence

Paradigm

Lead the Way Together in AP

- Base Instrument
- Detection Cartridge
  - Top Read (6 positions)
  - Bottom Read (6 positions)

FRONT:

Base Instrument Interface

Lead the Way Together in AP

Touch buttons for plate and detection cartridge access

Status light

Full front door access for flexible positioning for robotic integration

4 plate orientations

Plate height sensor

Base Instrument

Lead the Way Together in AP

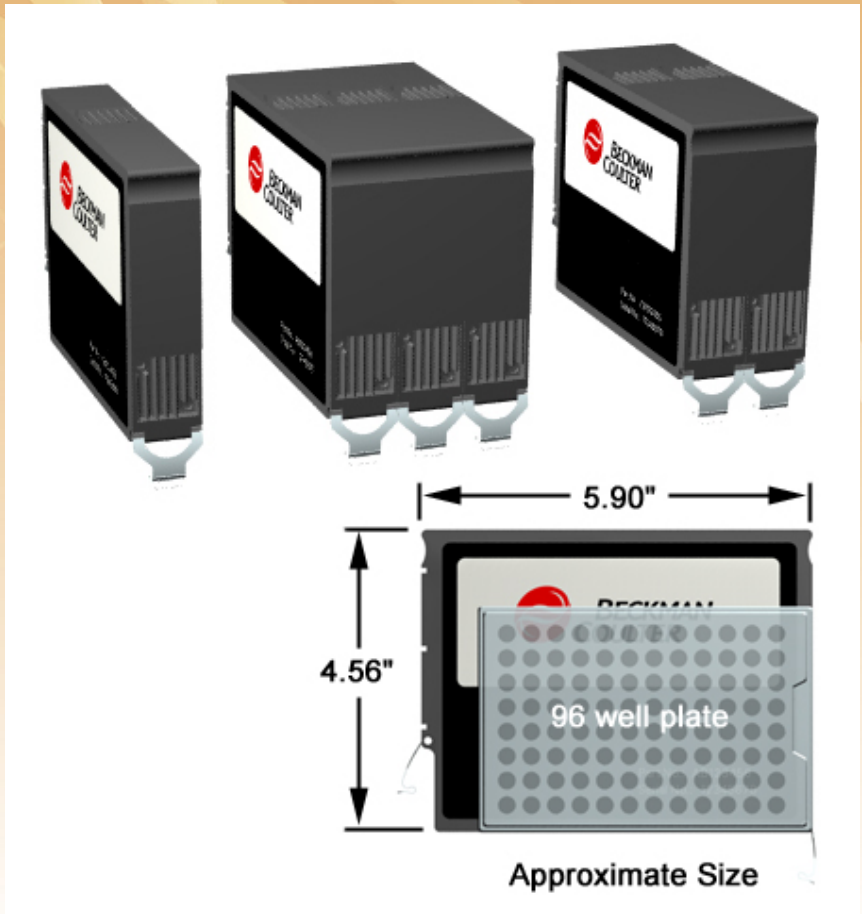
HIGHLIGHTS

- User setup and install
- Z-Height Adjustment (top & bottom)
- Plate Height Sensing
- Intelligent Cartridge Recognition
- Dual PMT System
- CO_2 Atmosphere Option
- Shaking – Linear & orbital
- Temperature Control
  - Ambient to +45
- 6 ~ 1,536 well Plates
- USB or com port connection

Paradigm

Lead the Way Together in AP

- 獨立式卡匣光學偵測模組



Remove Cartridge

Lead the Way
Together in AP

Install Cartridge

Lead the Way
Together in AP

Paradigm

Lead the Way Together in AP

- **Existing Detection Cartridges**
  - **Absorbance (ABS)**
  - **Multimode (MULTI)**
    - **FI, LUM, TRF**
  - **Fluorescence Intensity (FI)**
  - **Fluorescence Polarization (FP)**
  - **Time Resolved Fluorescence (TRF)**
  - **Luminescence (LUM)**
  - **HTRF® - Cisbio**

Absorbance (ABS)

Detection Cartridge

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PARADIGM™ Detection Platform

Absorbance Detection Cartridge

DESCRIPTION

Part Number	A41575
Mounting	Top Read (Photodiode Detector) and Bottom Read (Monochromatic Illumination)
Cartridge Size	Top - 1 Position Bottom - 2 Position

TYPICAL PERFORMANCE

Wavelength Range	230 - 1000 nm
Wavelength Selection	Monochromator (1.0 nm increments)
Wavelength Bandwidth	4.0 nm
Wavelength Accuracy	± 1 nm
Wavelength Repeatability	± 0.5 nm
Photometric Range	0 - 3.5 OD
Photometric Resolution	0.0001 OD
Photometric Accuracy	< ± 0.01 OD ± 2%, 0-2OD @ 405 nm
Photometric Precision	< ± 0.01 OD ± 0.5%, 0-2OD @ 405 nm

Covering the UV/Visible wavelength range necessary to perform a variety of direct measurements of protein and nucleic acid applications fast and easy, the state of the art monochromatic illumination design quickly adjusts to address a variety of ELISA and immunoassay wavelengths.

Multimode (MULTI)
Detection Cartridge

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PARADIGM™ Detection Platform

Multimode Detection Cartridge

DESCRIPTION

Part Number	A41576
Mounting	Top or Bottom Read
Cartridge Size	3 Position
Light Source	High-Power LED
Wavelength-Tuned Excitation/Emission Range	360/35 nm - 465/35 nm 485/20 nm - 535/25 nm 535/35 nm - 595/35 nm 585/10 nm - 635/35 nm 370/80 nm - 616/10 nm

Optimized for 96- and 384-density assays, the Multimode cartridge provides a broad spectrum of *single emission* read capabilities, including:

1. **Fluorescence Intensity (FI)**
2. **Time Resolved Fluorescence (TRF)**
3. **Glow Luminescence (LUM)**

TYPICAL APPLICATIONS**	TYPICAL FLUOROPHORES**
Proliferation/Viability	Coumarin
Nucleic Acid Quantitation	Fluorescein
cAMP Quantiation	Texas Red
GPCR	Rhodamine
Immunoassay	Europium (TRF only)
Ion Channel	
Reporter	

Fluorescence Intensity (FI)
Detection Cartridge

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Optimized for ultra fast and sensitive detection in 384 and 1536 formats, it's dual emission design performs both single and dual emission assays in a single read of the plate. Making *single emission* **Fluorescence Intensity (FI)** and *dual emission* **Fluorescence Resonance Energy Transfer (FRET)** measurements simple and straightforward.

PARADIGM™ Detection Platform

Fluorescence Intensity Detection Cartridge

DESCRIPTION

Part Number	A41577 & A41578
Mounting	Top Read or Bottom Read
Cartridge Size	1 Position
Light Source	High Powered LED
A41577:	
Wavelength Tuned Excitation Range	360/35 nm
Wavelength Tuned Emission Range	465/35 nm 535/25 nm
A41578:	
Wavelength Tuned Excitation Range	485/20 nm
Wavelength Tuned Emission Range	535/25 nm 595/35 nm

TYPICAL APPLICATIONS**	TYPICAL FLUOROPHORES**	TYPICAL FLUOROPHORES**
Both A41577 & A41578: Nucleic Acid Quantitation Molecular Interaction **A41578 only:** Ion Channel Protein Quantitation Reporter Apoptosis Proliferation/Viability	**A41577:** Coumarin Hoechst DAPI AMCA ANS Coumatin-fluorescein (FRET)	**A41578:** Fluorescein Oligreen Picogreen Ribogreen Fluo-3,4 GFP Fluorescein-Rhodamine (FRET) GFP-RFP (FRET)

Fluorescence Polarization (FP)

Detection Cartridge

Lead the Way Together in AP

Optimized for ultra fast and sensitive detection in 384 and 1536 formats, it's dual emission optical design allows the PARADIGM to simultaneously collect all necessary parallel and perpendicular emission data necessary for **fluorescence polarization** detection.

PARADIGM™ Detection Platform

Fluorescence Polarization Detection Cartridge

DESCRIPTION

Part Number	A41581 or A41582
Mounting	Top Read or Bottom Read
Cartridge Size	1 Position
Light Source	High-Power LED
A41581	
Wavelength-Tuned Excitation Range	485/20 nm
Wavelength-Tuned Emission Range	//535/25 nm
	⊥535/25 nm
A41582	
Wavelength-Tuned Excitation Range	535/25 nm
Wavelength-Tuned Emission Range	//595/35 nm
	⊥595/35 nm

TYPICAL APPLICATIONS**

A41581 & A41582:
cAMP Quantitation
Genotyping (AcycloPrime)
Immunoassay
Molecular Interaction
Nuclear Receptor

TYPICAL FLUOROPHORES**

A41581:
Fluorescein
FP - green

A41582:
Rhodamine
FP - red

Time Resolved Fluorescence (TRF)

Detection Cartridge

Lead the Way Together in AP

Optimized for ultra fast and sensitive detection in 384 and 1536 formats, it's single or dual emission design performs both single and dual emission assays in a single read of the plate. Making *single emission* or *dual emission* **time resolved fluorescence (TRF)** simple and fast.

PARADIGM™ Detection Platform

Time Resolved Fluorescence Detection Cartridge

DESCRIPTION

Part Number	A41579
Mounting	Top Read or Bottom Read
Cartridge Size	2 Position
Light Source	High Powered LED
Wavelength Tuned Excitation	370/80 nm
Wavelength Tuned Emission	616/10 nm
	642/10 nm

TYPICAL APPLICATIONS**	TYPICAL FLUOROPHORES**
cAMP Quantitation	Europium
Immunoassays	Samarium
GTP Binding	
Apoptosis	
GPCR Ligand Binding	

Typical Fluorophores

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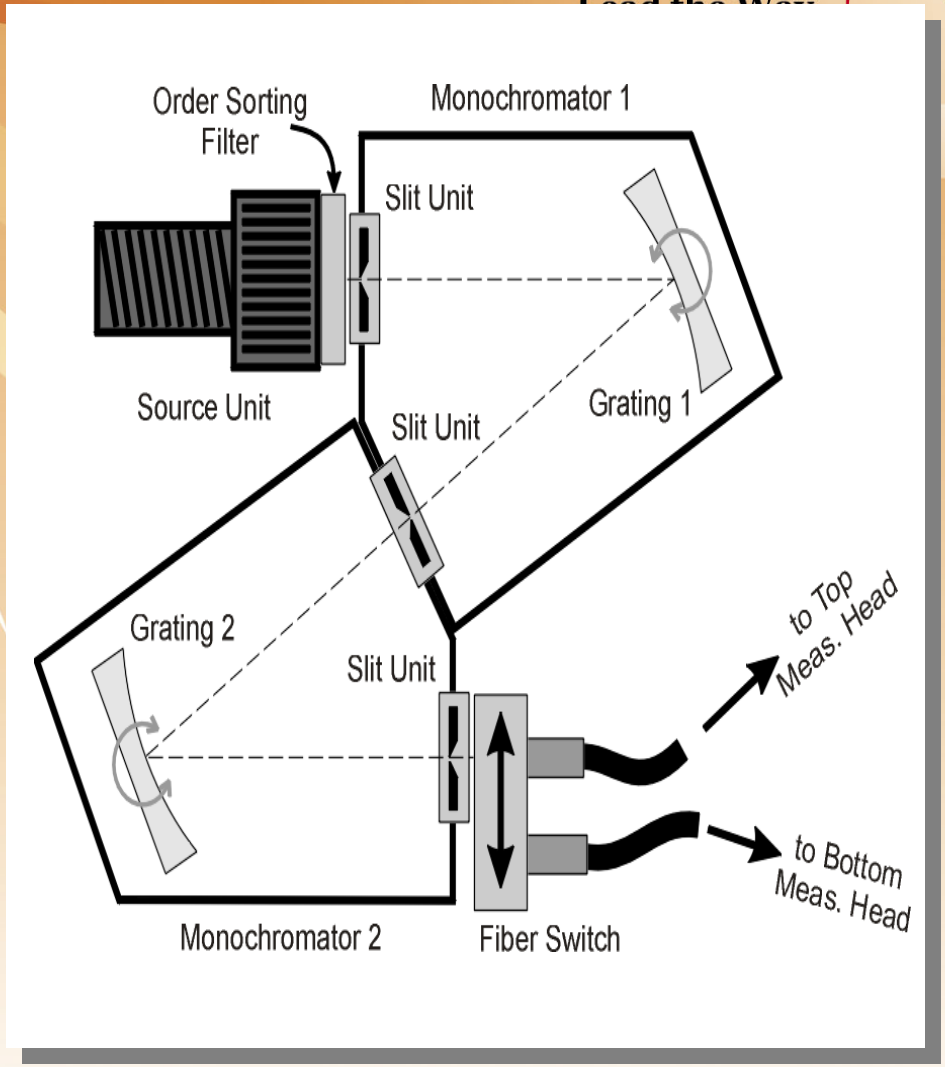
Coumarin	Fluorescein	Rhodamine	Europium
Hoechst	OliGreen	Texas Red	Europium Chelates
DAPI	PicoGreen	TAMRA	Samarium Chelates
AMCA	RiboGreen	AlexaFluor®532-555	Coumarin-Fluorescein(FRET)
ANS	Fluo -- 3, 4	Cy3	Fluorescein-Rhodamine(FRET)
AlexaFluor®350	GFP	R-Phycoerythrin	GFP-RFP(FRET)
4-MU	CellTiter Blue	Resorufin	
	AlamarBlue	AlexaFluor®594	
	EFC	Spectrum Red	
	FITC		
	BODIPY FL		
	Calcein		
	Cy2		
	OregonGreen		
	Sytox Green		

Optical system - Slit

- 單光柵可將光的純度提高1000倍
- 雙光柵可將光的純度提高10^6倍, 但相對的會造成光能量降低, 影響靈敏度



Monochromator

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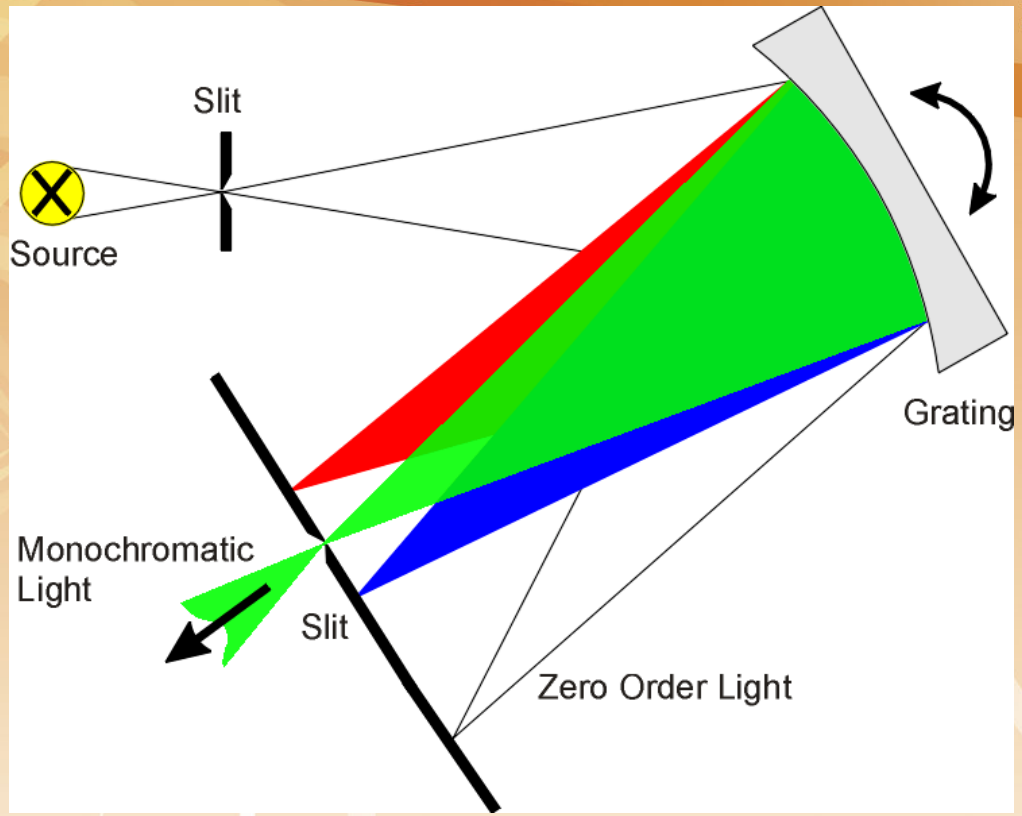

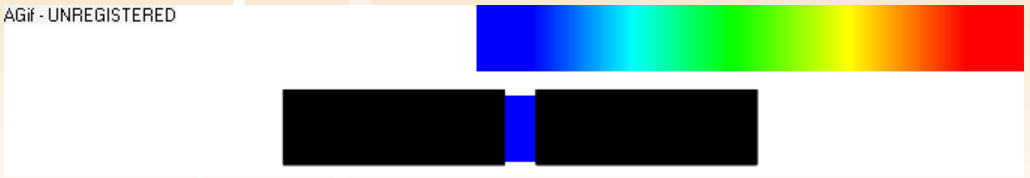

Invitrogen - Molecular Probes - Fluorescence Spectra Viewer - Microsoft Internet Explorer

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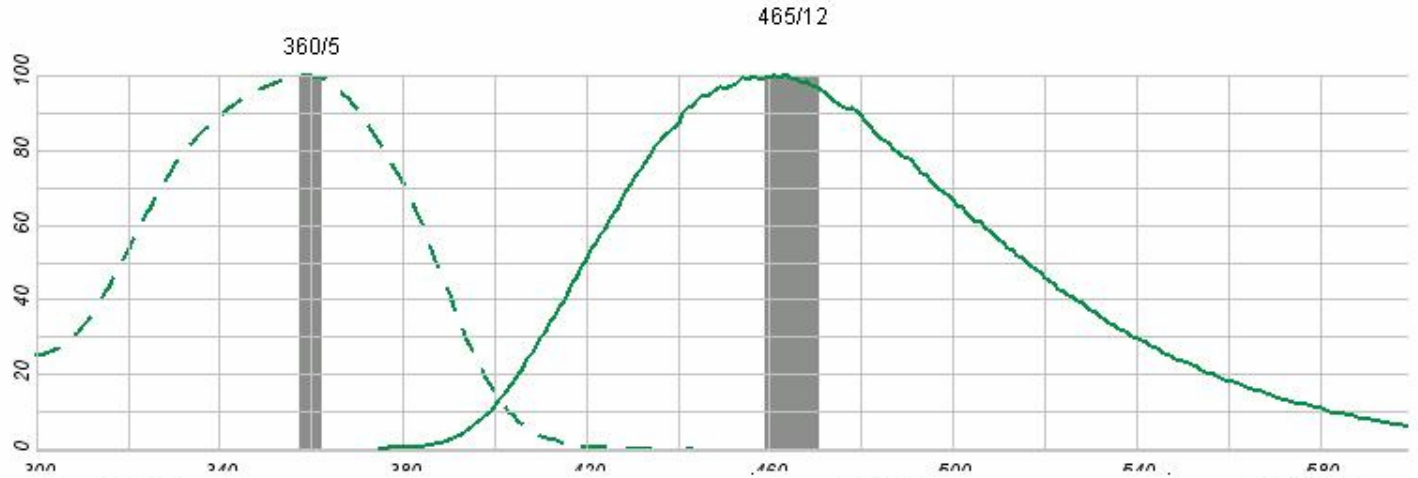
Now you can plot and compare spectra and check the spectral compatibility for many fluorophores offered by Molecular Probes.
The Spectra Viewer can most easily be printed by capturing a screen-shot and printing the resulting image file.
For printing instructions or to answer other questions you have, see our User Guide.



Fluorophore

		ex	em
1:	DAPI	✓	✓
2:	None	✓	✓
3:	None	✓	✓
4:	None	✓	✓
5:	None	✓	✓

Excitation

Laser (nm): None

Filter / Bandpass

360 / 5

Emission

Filter / Bandpass

465 / 12

Toggle Excitation Display | Toggle Emission Display | Clear All

Legend

Absorption and fluorescence emission spectra of DAPI bound to DNA.

Applet Spectra Viewer started

Internet

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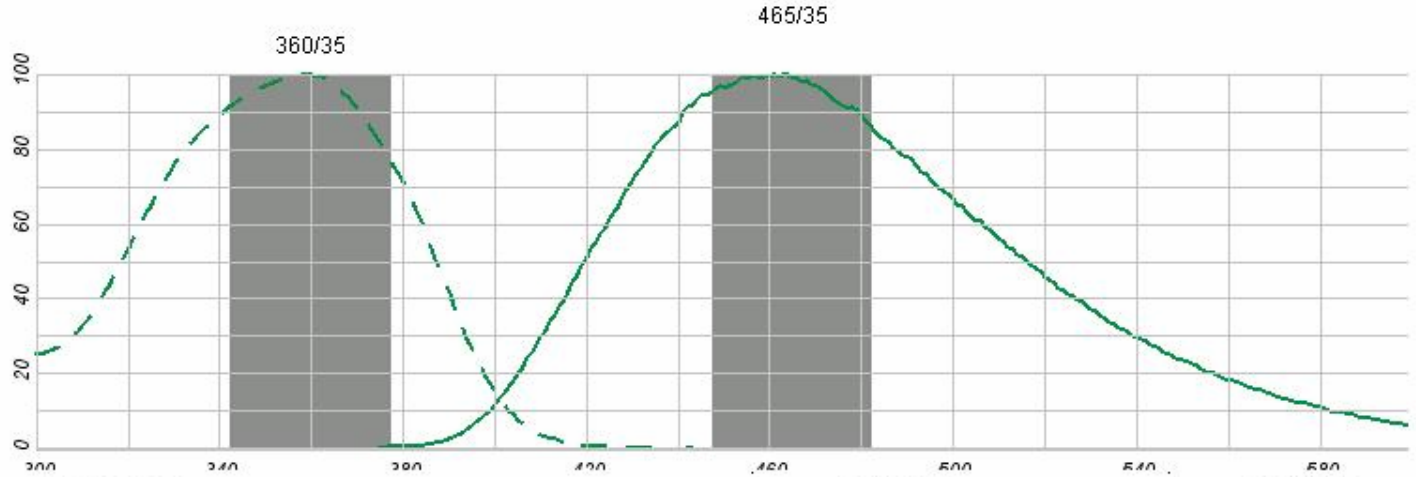

Fluorophore

		ex	em
1:	DAPI	☑	☑
2:	None	☑	☑
3:	None	☑	☑
4:	None	☑	☑
5:	None	☑	☑

Excitation

Laser (nm): None

Filter / Bandpass

360	35

Emission

Filter / Bandpass

465	35

Toggle Excitation Display | Toggle Emission Display | Clear All

Legend

Absorption and fluorescence emission spectra of DAPI bound to DNA.

Applet Spectra Viewer started

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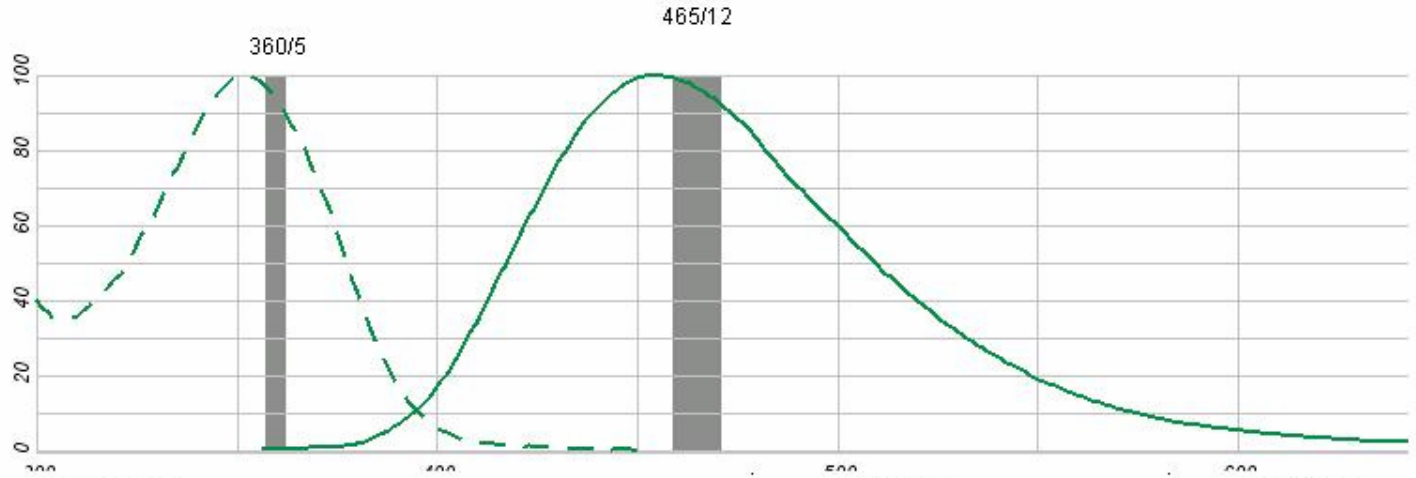

Legend

Absorption and fluorescence emission spectra of Hoechst 33258 bound to DNA.

Fluorophore

		ex	em
1:	Hoechst 33258	☑	☑
2:	None	☑	☑
3:	None	☑	☑
4:	None	☑	☑
5:	None	☑	☑

Excitation

Laser (nm): None

Filter / Bandpass

360	5

Emission

Filter / Bandpass

465	12

Toggle Excitation Display | Toggle Emission Display | Clear All

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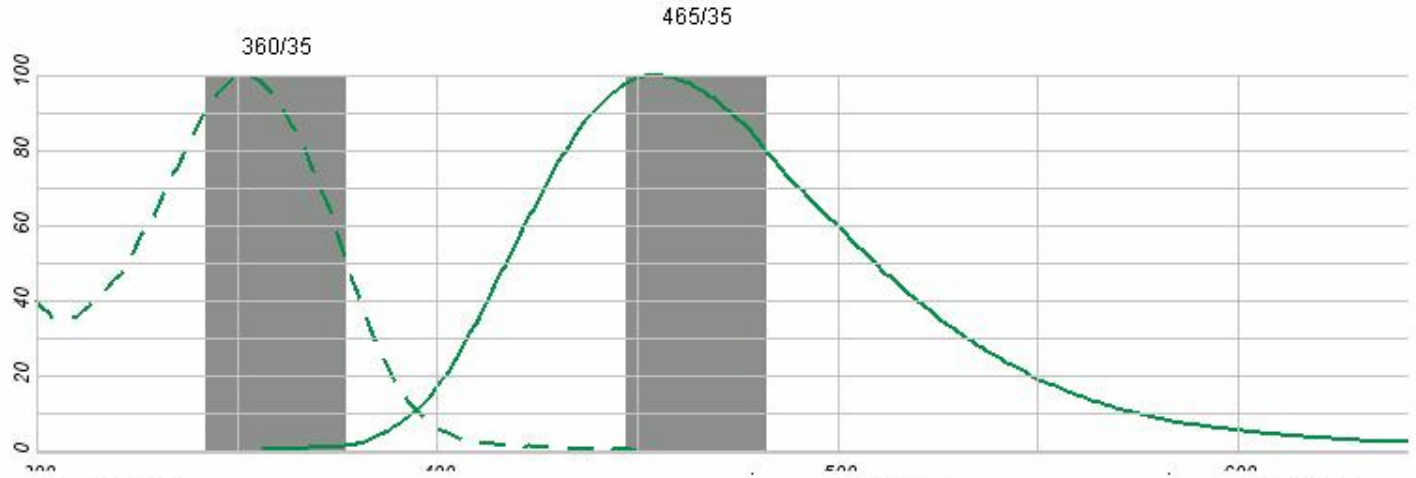

Legend

Absorption and fluorescence emission spectra of Hoechst 33258 bound to DNA.

Fluorophore		Excitation		Emission	
1:	Hoechst 33258 ☑ ex ☑ em	Laser (nm):	None	Filter / Bandpass	
2:	None ☑ ex ☑ em	Filter / Bandpass		465 /	35
3:	None ☑ ex ☑ em	360 /	35	/	
4:	None ☑ ex ☑ em	/		/	
5:	None ☑ ex ☑ em	/		/	

Toggle Excitation Display | Toggle Emission Display | Clear All

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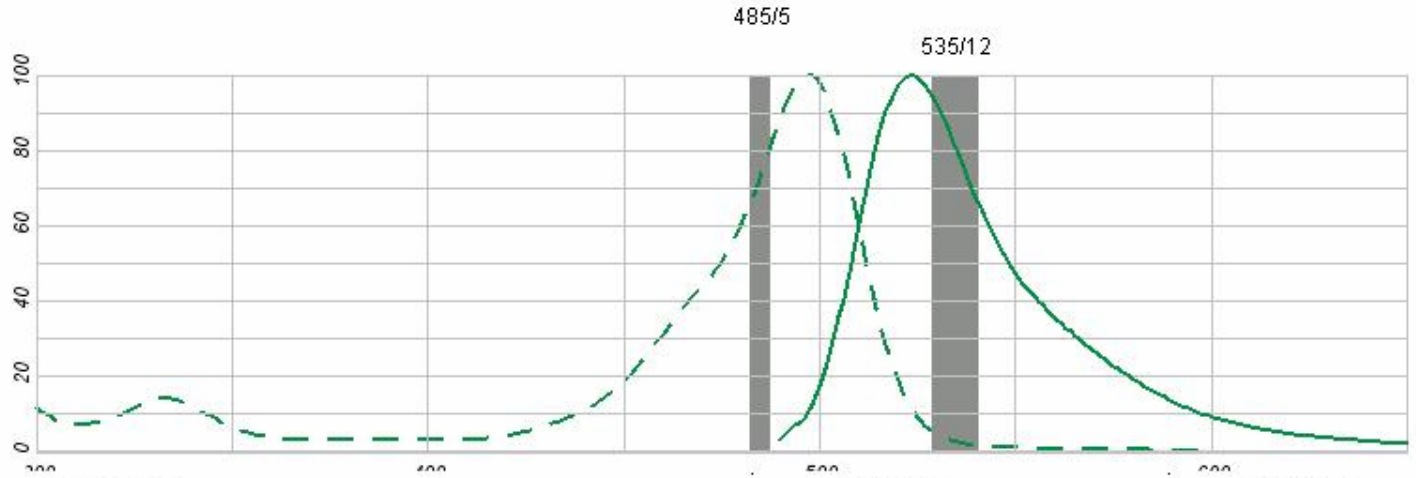

Legend

Absorption and fluorescence emission spectra of Rhodamine Green™ carboxylic acid (5-(and-6)-carboxyrhodamine 110) in pH 7.0 buffer.

Fluorophore

		ex	em
1:	Rhodamine Green	☑	☑
2:	None	☑	☑
3:	None	☑	☑
4:	None	☑	☑
5:	None	☑	☑

Excitation

Laser (nm): None

Filter / Bandpass

485 / 5

/

/

Emission

Filter / Bandpass

535 / 12

/

/

/

/

Toggle Excitation Display | Toggle Emission Display | Clear All

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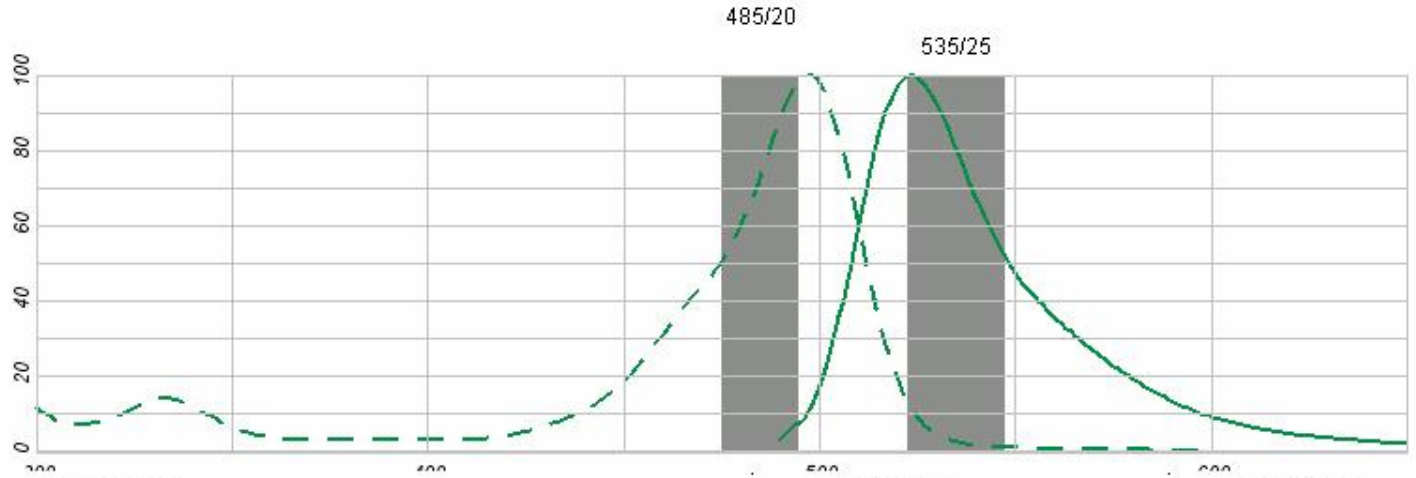

Legend

Absorption and fluorescence emission spectra of Rhodamine Green™ carboxylic acid (5-(and-6)-carboxyrhodamine 110) in pH 7.0 buffer.

Fluorophore

		ex	em
1:	Rhodamine Green	☑	☑
2:	None	☑	☑
3:	None	☑	☑
4:	None	☑	☑
5:	None	☑	☑

Excitation

Laser (nm): None

Filter / Bandpass

485 / 20

Emission

Filter / Bandpass

535 / 25

Toggle Excitation Display | Toggle Emission Display | Clear All

Applet Spectra Viewer started

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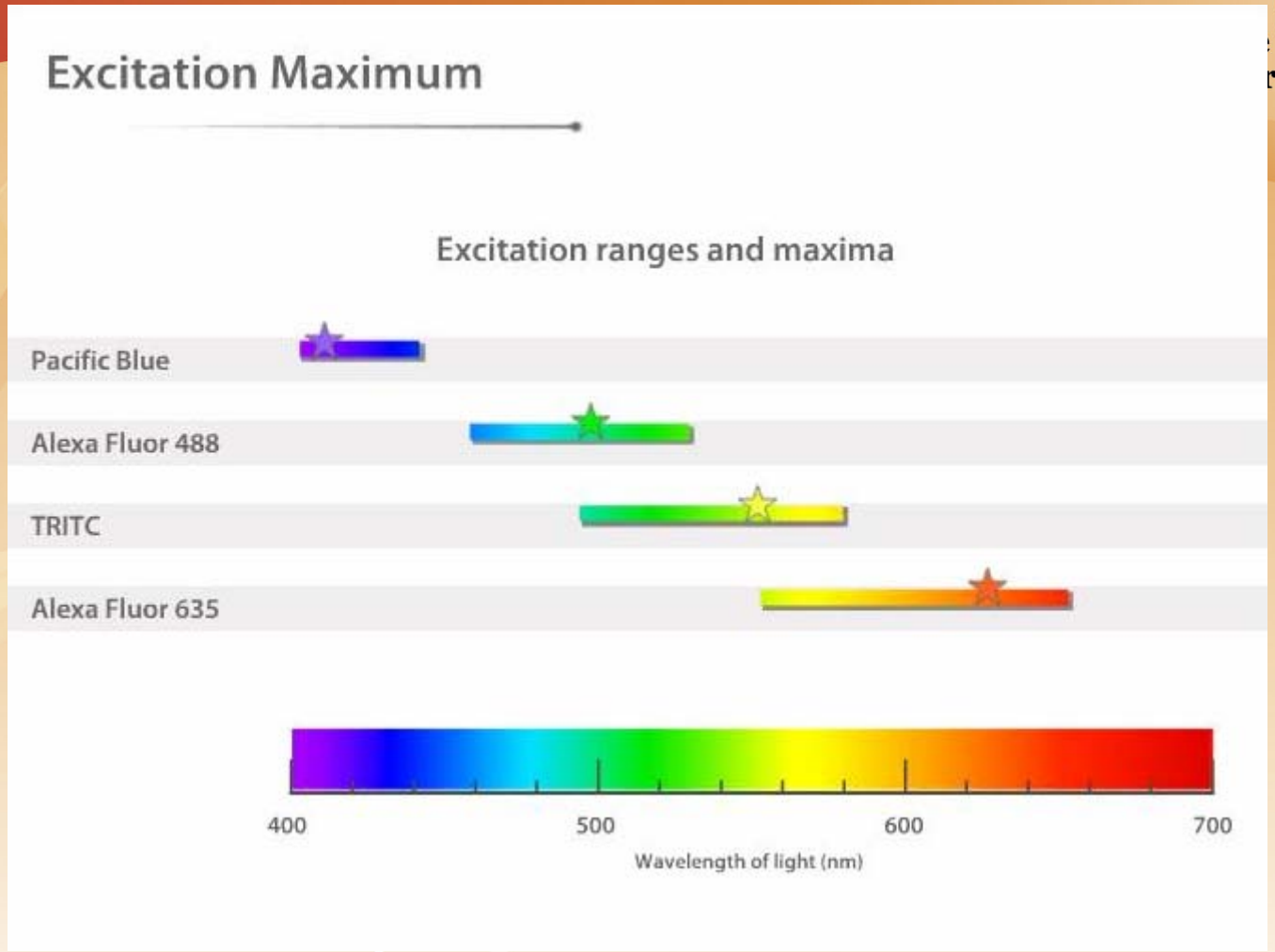
BECKMAN COULTER

Way
in AP

Excitation Maximum



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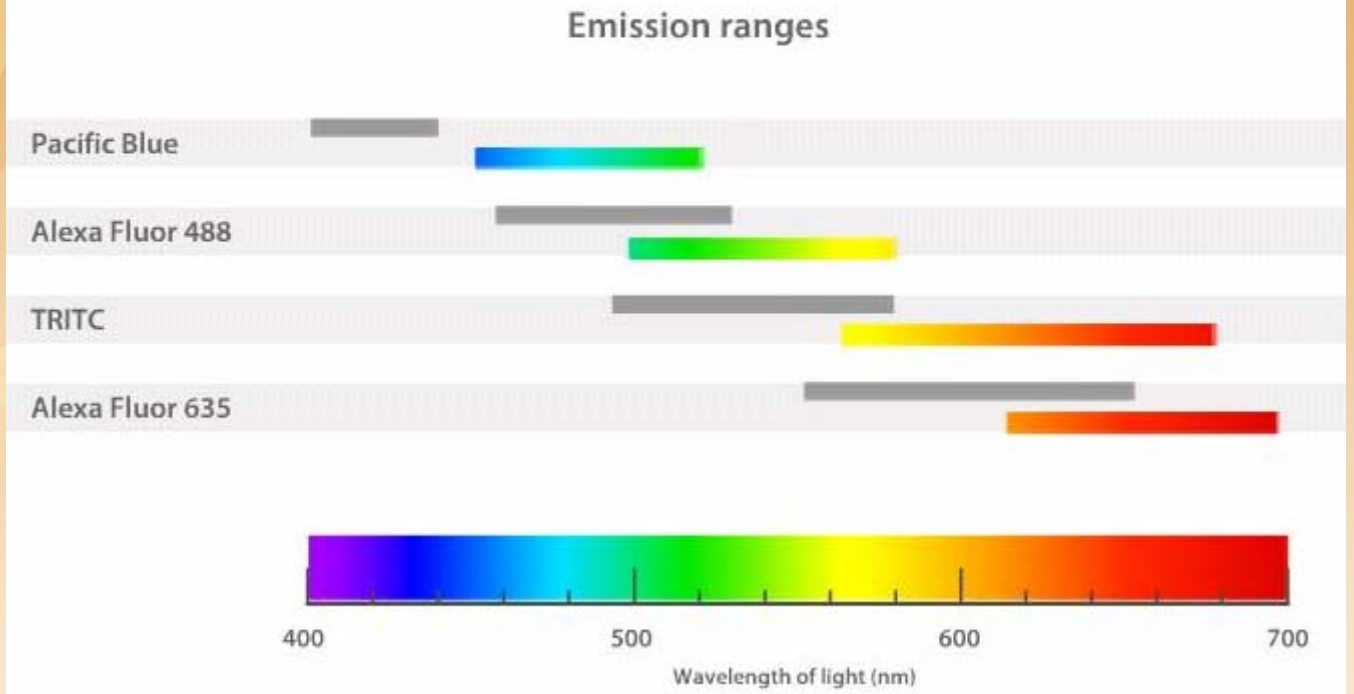
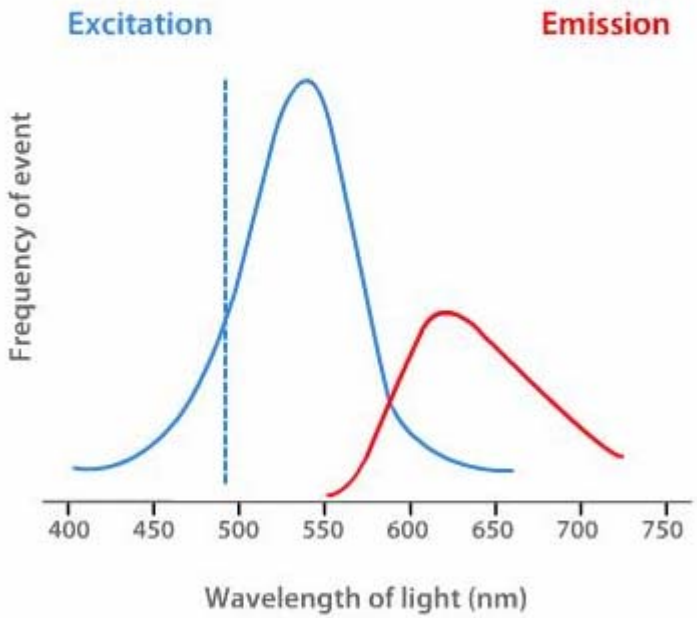
in AP

Emission Range



Fluorescence Emission



Paradigm vs T

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	Paradigm	Va--
Wavelength Selection	Filter	Monochromator
Bandwidth	20~35nm	Ex 5nm Em12nm
Sensitivity	5 amol/well	120 amol/well

Luminescence (LUM)

Detection Cartridge

Lead the Way Together in AP

Utilizing a unique, well isolating design that restricts the level of cross talk from surrounding wells. The resulting performance is ideal for chemiluminescence glow applications.

PARADIGM™ Detection Platform

Luminescence Detection Cartridge

DESCRIPTION

Part Number	A41584
Mounting	Top Read or Bottom Read
Cartridge Size	1 Position
Emission Range	Visible to 800 nm

TYPICAL APPLICATIONS**

- Apoptosis
- cAMP Quantitation
- GPCR Ligand Binding
- GTP Binding
- Immunoassay

100% User Configurable

Lead the Way Together in AP

- Configure & Expand a system's capabilities in < 2minutes
- Detection Cartridge Positions
  - 6 – Top
  - 6 – Bottom

"PLUG and DETECT"

Get what you need, when you need it . . .

自動化整合

Lead the Way Together in AP

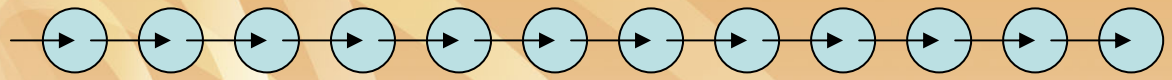
PARADIGM Integrated with a Biomek NX^{P} S8

- Easy integrated with Automation
- Expand throughput

What is On the Fly?

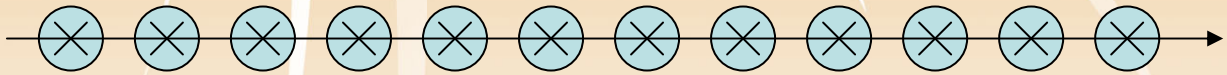
Lead the Way Together in AP

Stop & Go



12 discrete movements required to measure the row of a 96-well plate

On the Fly



1 discrete movements is performed while 12 discrete measurements are taken

Faster Detection!

Lead the Way Together in AP

Added the “On The Fly” Detection to

- Optimized for Speed
- Optimized for Performance

	Stop & Go		Speed		Performance	
	Typical Performance (fmol/well)	Throughput (seconds)	Typical Performance (fmol/well)	Throughput (seconds)	Typical Performance (fmol/well)	Throughput (seconds)
96-well	0.15	35	--	20	0.3	30
384-well	0.1	120	--	30	0.2	50
1536-well	0.03	240	--	55	0.1	90

NOTE: Data is representative of fluorescence intensity detection cartridge, A41577, with fluorescein

Paradigm

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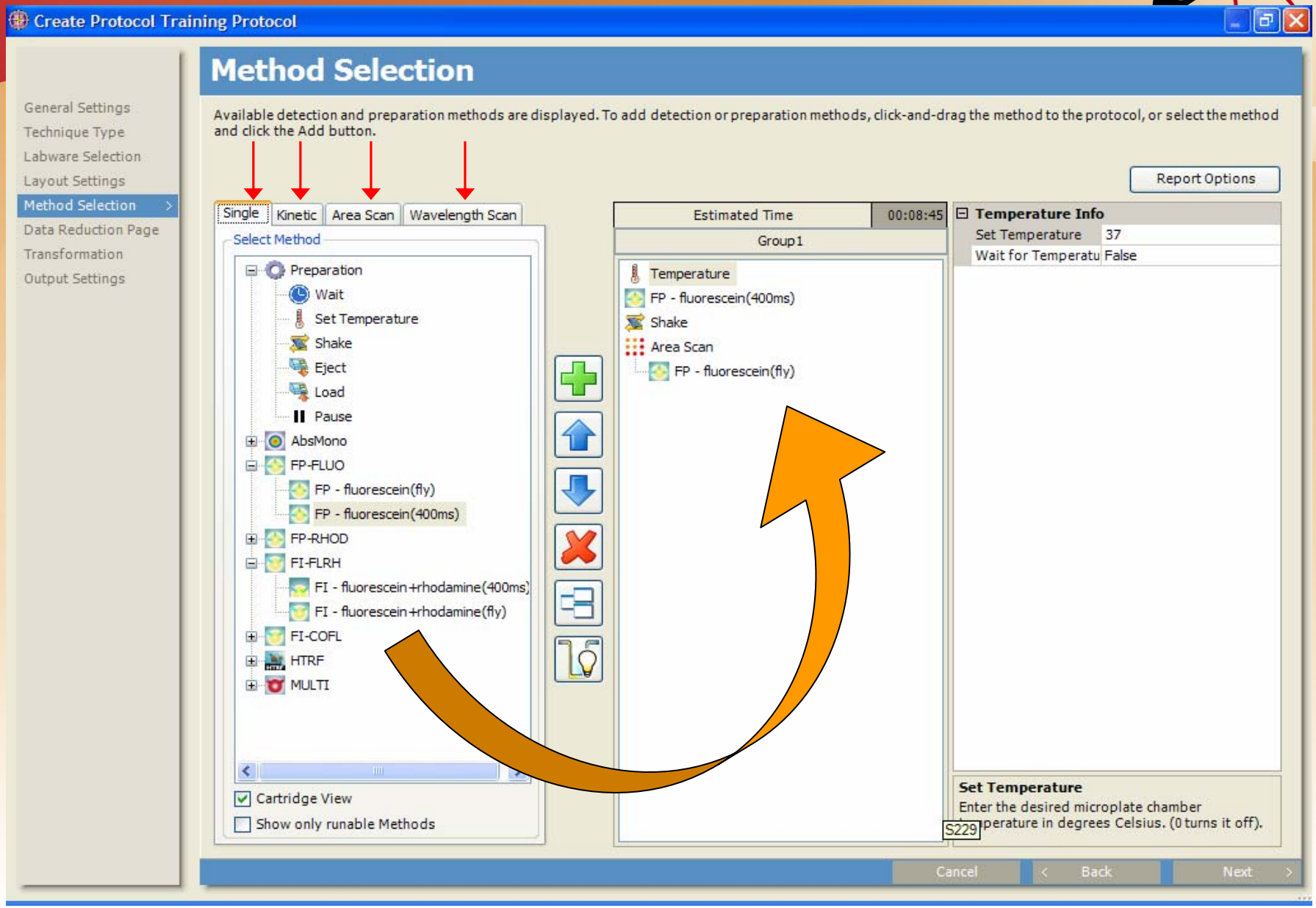
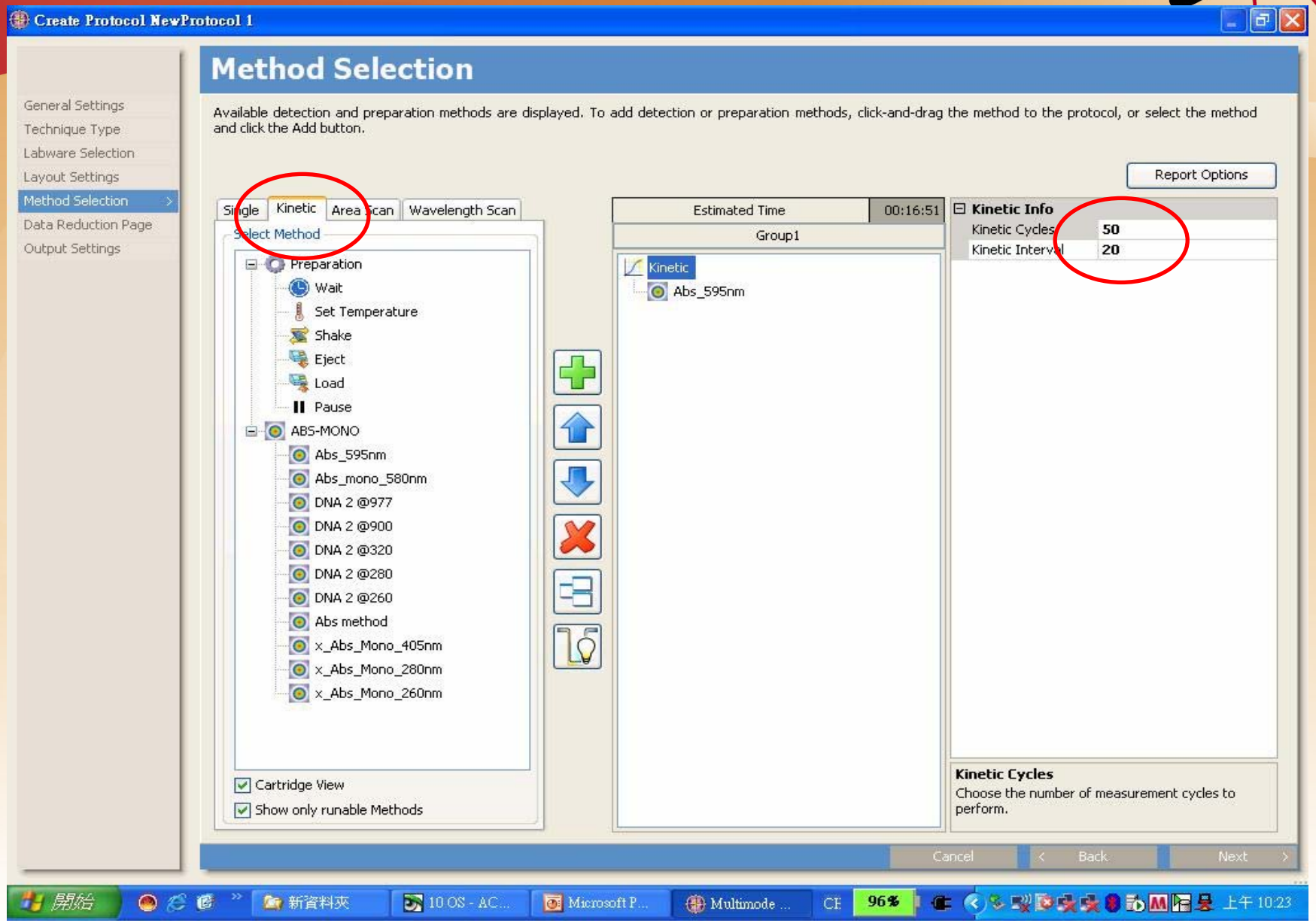
- Multimode Analysis Software
  1. Drag & Drop protocol work flow development
     - Multiplexing of read modes in a single protocol
  2. Auto update function (protocols,labware, application notes)
  3. 3D Data display
  4. Labware Optimization
  5. Read Heigh Optimization

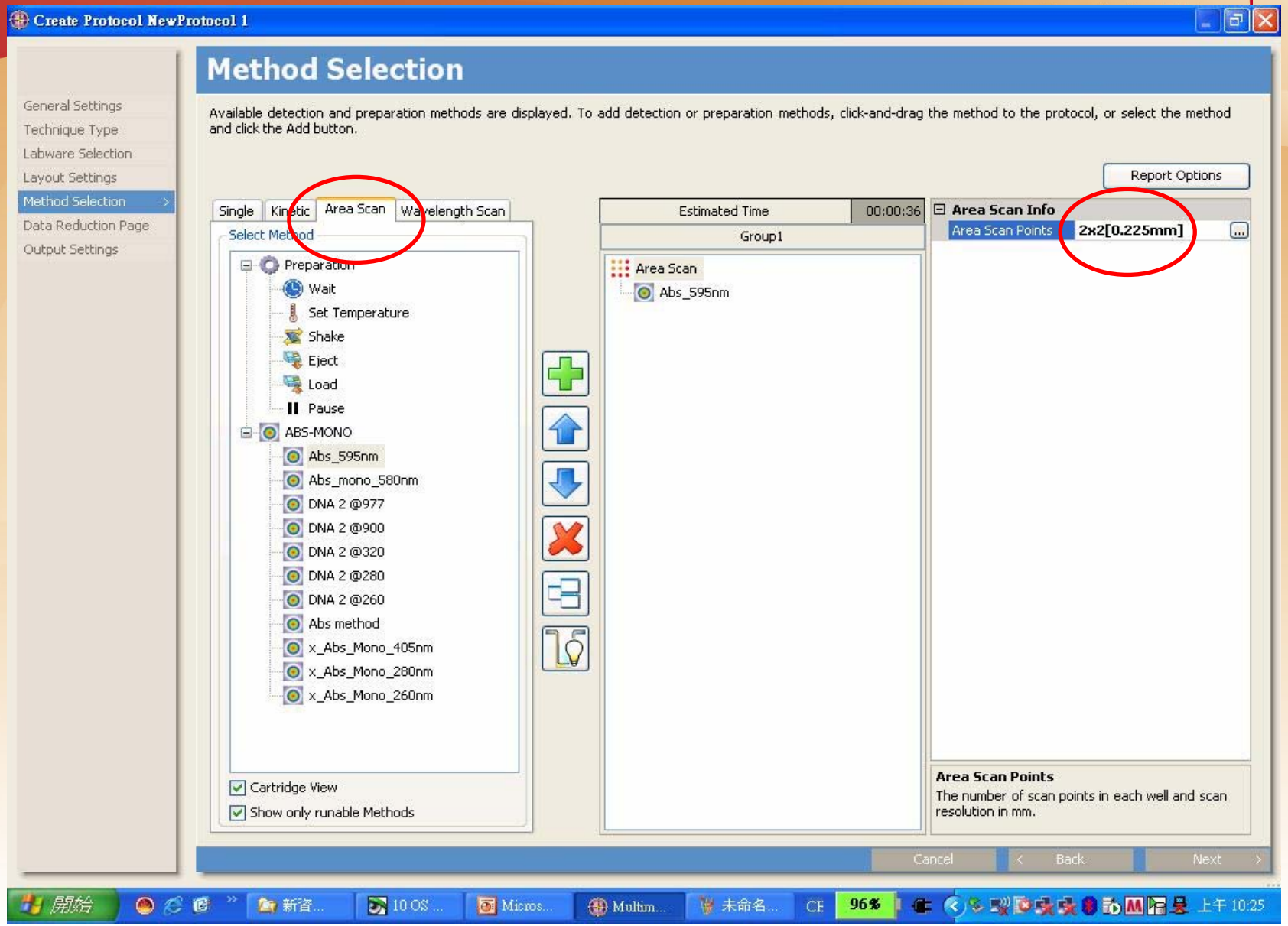
Drag – Drop Workflow



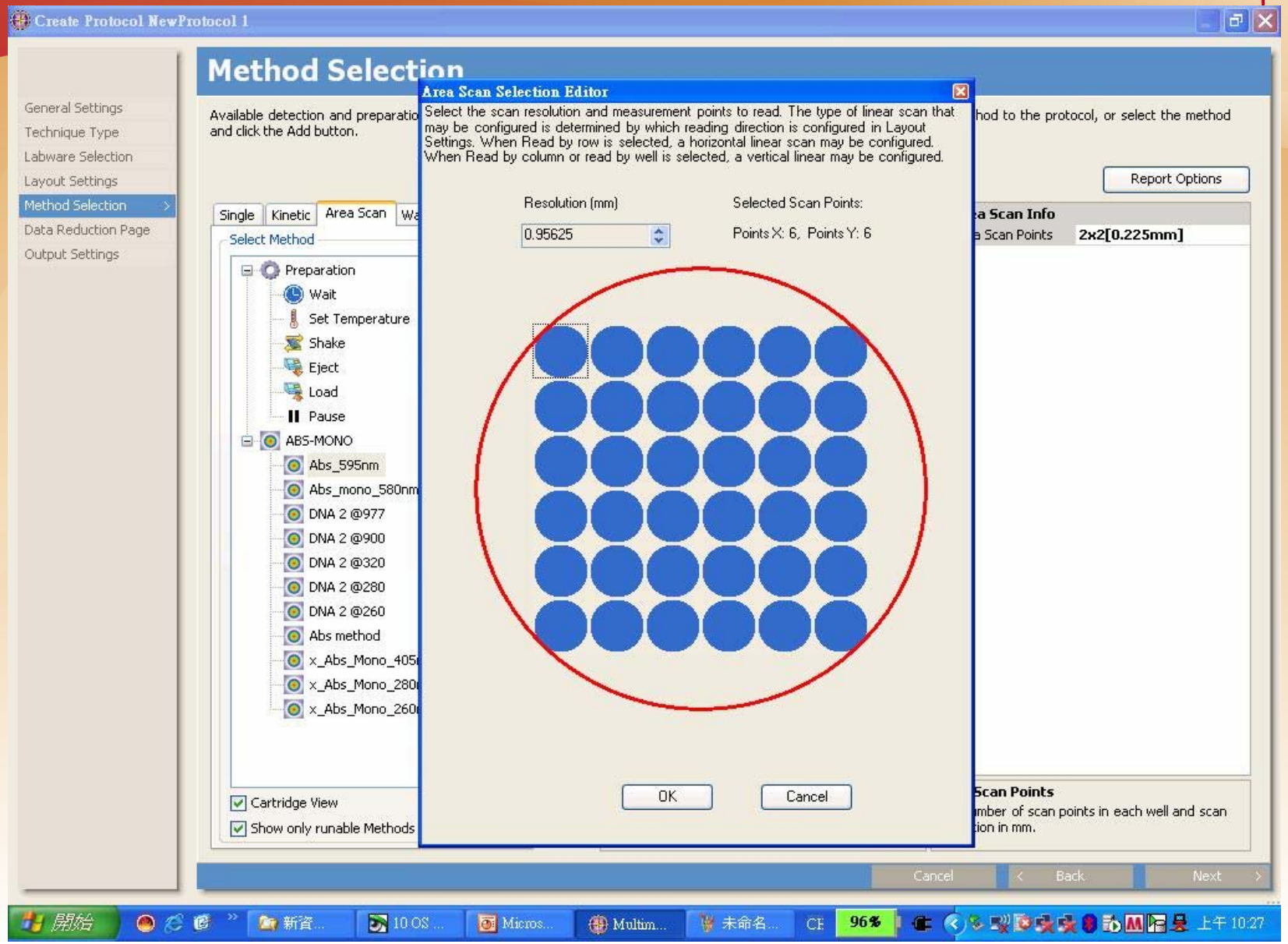
Kinetic


Create Protocol NewProtocol 1
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Output Settings
Method Selection
Available detection and preparation methods are displayed. To add detection or preparation methods, click-and-drag the method to the protocol, or select the method and click the Add button.
Report Options
Single
Kinetic
Area Scan
Wavelength Scan
Select Method
Preparation
Wait
Set Temperature
Shake
Eject
Load
Pause
ABS-MONO
Abs_595nm
Abs_mono_580nm
DNA 2 @977
DNA 2 @900
DNA 2 @320
DNA 2 @280
DNA 2 @260
Abs method
x_Abs_Mono_405nm
x_Abs_Mono_280nm
x_Abs_Mono_260nm
Cartridge View
Show only runable Methods
Estimated Time
00:16:51
Group1
Kinetic
Abs_595nm
Kinetic Info
Kinetic Cycles
50
Kinetic Interval
20
Kinetic Cycles
Choose the number of measurement cycles to perform.
Cancel
Back
Next
開始
新資料夾
10 OS - AC...
Microsoft P...
Multimode ...
CH
96%
上午 10:23

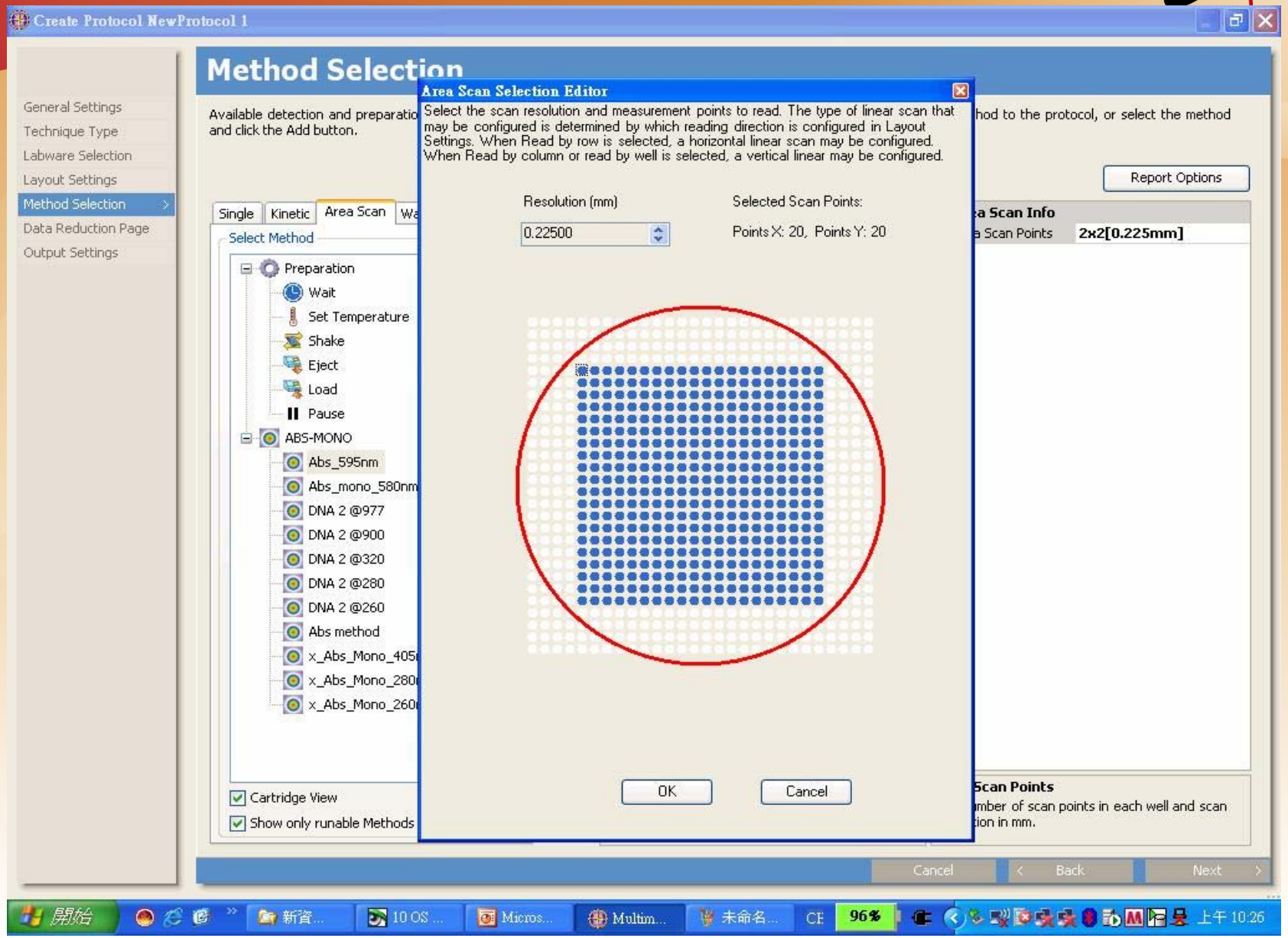
Area scan


Create Protocol NewProtocol 1
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Output Settings
Method Selection
Available detection and preparation methods are displayed. To add detection or preparation methods, click-and-drag the method to the protocol, or select the method and click the Add button.
Report Options
Single
Kinetic
Area Scan
Wavelength Scan
Select Method
Preparation
Wait
Set Temperature
Shake
Eject
Load
Pause
ABS-MONO
Abs_595nm
Abs_mono_580nm
DNA 2 @977
DNA 2 @900
DNA 2 @320
DNA 2 @280
DNA 2 @260
Abs method
x_Abs_Mono_405nm
x_Abs_Mono_280nm
x_Abs_Mono_260nm
Cartridge View
Show only runable Methods
Estimated Time
00:00:36
Group1
Area Scan
Abs_595nm
Area Scan Info
Area Scan Points
2x2[0.225mm]
Area Scan Points
The number of scan points in each well and scan resolution in mm.
Cancel
Back
Next

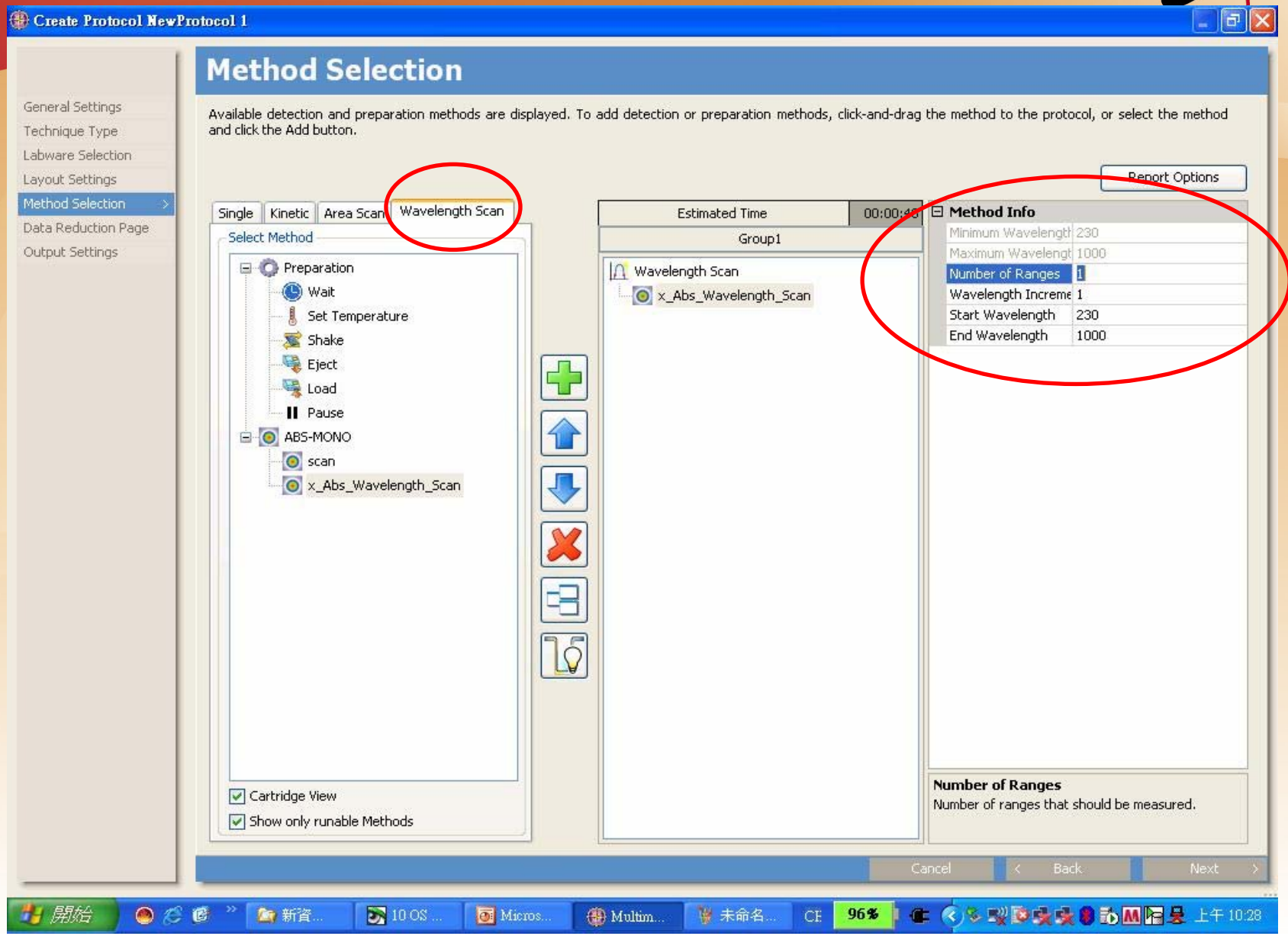
Area scan


Create Protocol NewProtocol 1
Method Selection
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Output Settings
Available detection and preparatio
and click the Add button.
hod to the protocol, or select the method
Report Options
Single
Kinetic
Area Scan
Select Method
Preparation
Wait
Set Temperature
Shake
Eject
Load
Pause
ABS-MONO
Abs_595nm
Abs_mono_580nm
DNA 2 @977
DNA 2 @900
DNA 2 @320
DNA 2 @280
DNA 2 @260
Abs method
Cartridge View
Show only runable Methods
a Scan Info
a Scan Points
2x2[0.225mm]
Scan Points
mber of scan points in each well and scan
ion in mm.
Area Scan Selection Editor
Select the scan resolution and measurement points to read. The type of linear scan that may be configured is determined by which reading direction is configured in Layout Settings. When Read by row is selected, a horizontal linear scan may be configured. When Read by column or read by well is selected, a vertical linear may be configured.
Resolution (mm)
0.95625
Selected Scan Points:
Points X: 6, Points Y: 6
OK
Cancel
Cancel
Back
Next
開始
新資...
10 OS ...
Micros...
Multim...
未命名...
CE
96%
上午 10:27

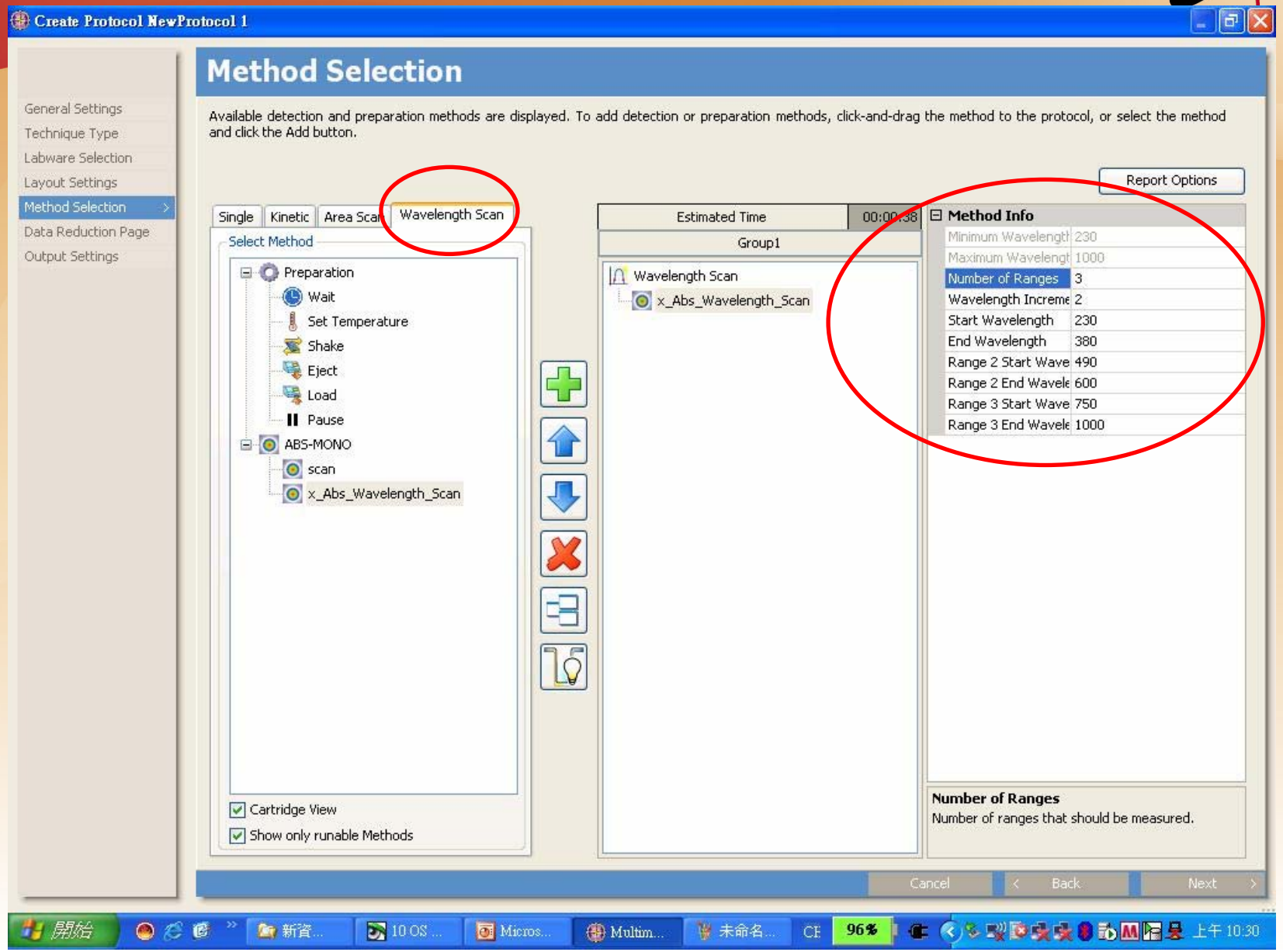
Area scan


Create Protocol NewProtocol 1
Method Selection
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Output Settings
Available detection and preparatio
and click the Add button.
Single
Kinetic
Area Scan
Select Method
Preparation
Wait
Set Temperature
Shake
Eject
Load
Pause
ABS-MONO
Abs_595nm
Abs_mono_580nm
DNA 2 @977
DNA 2 @900
DNA 2 @320
DNA 2 @280
DNA 2 @260
Abs method
Cartridge View
Show only runable Methods
Area Scan Selection Editor
Select the scan resolution and measurement points to read. The type of linear scan that may be configured is determined by which reading direction is configured in Layout Settings. When Read by row is selected, a horizontal linear scan may be configured. When Read by column or read by well is selected, a vertical linear may be configured.
Resolution (mm)
0.22500
Selected Scan Points:
Points X: 20, Points Y: 20
OK
Cancel
hod to the protocol, or select the method
Report Options
a Scan Info
a Scan Points
2x2[0.225mm]
Scan Points
mber of scan points in each well and scan
ion in mm.
Cancel
Back
Next
開始
新資...
10 OS ...
Micros...
Multim...
未命名...
CE
96%
上午 10:26

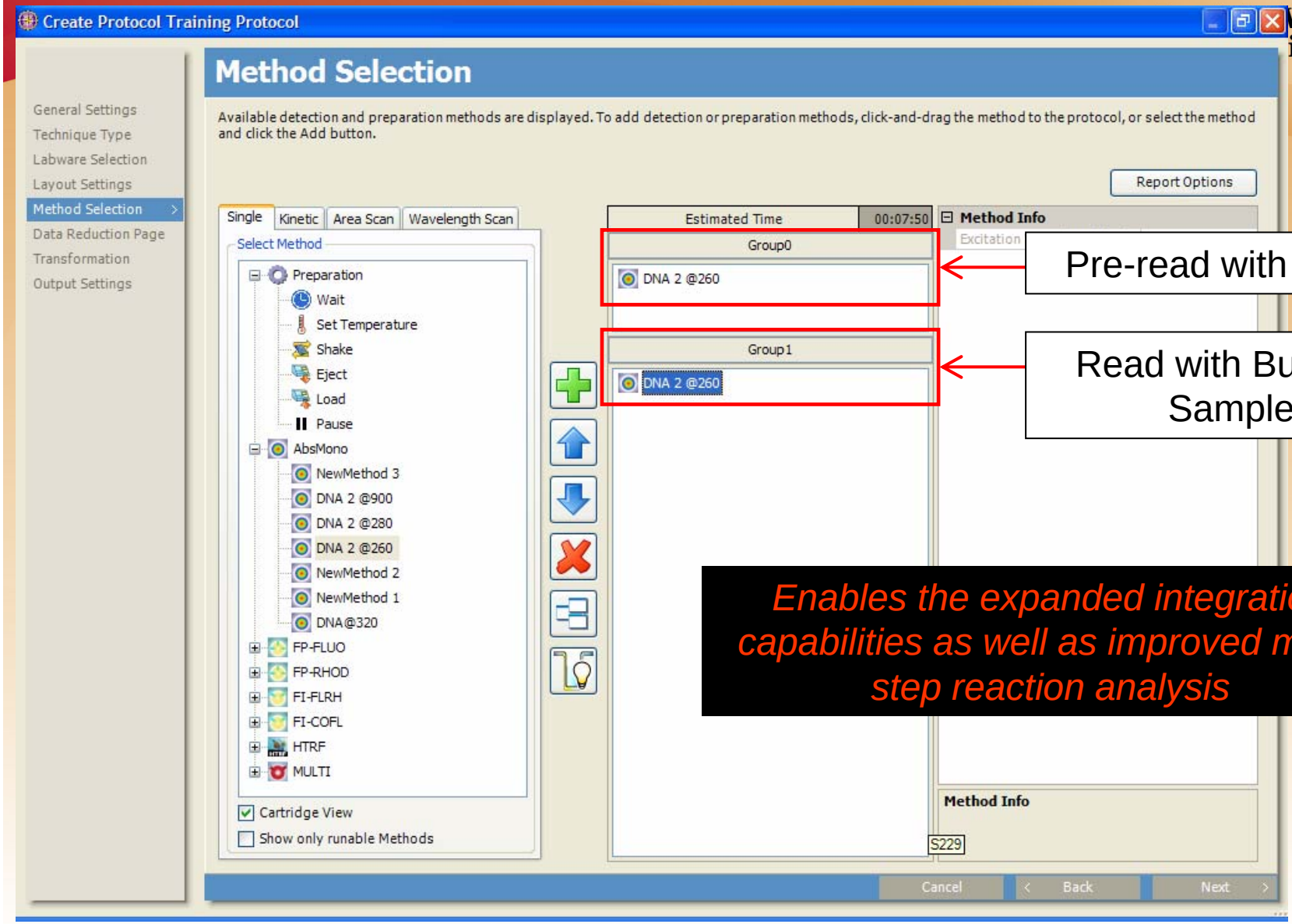
Wavelength Scan



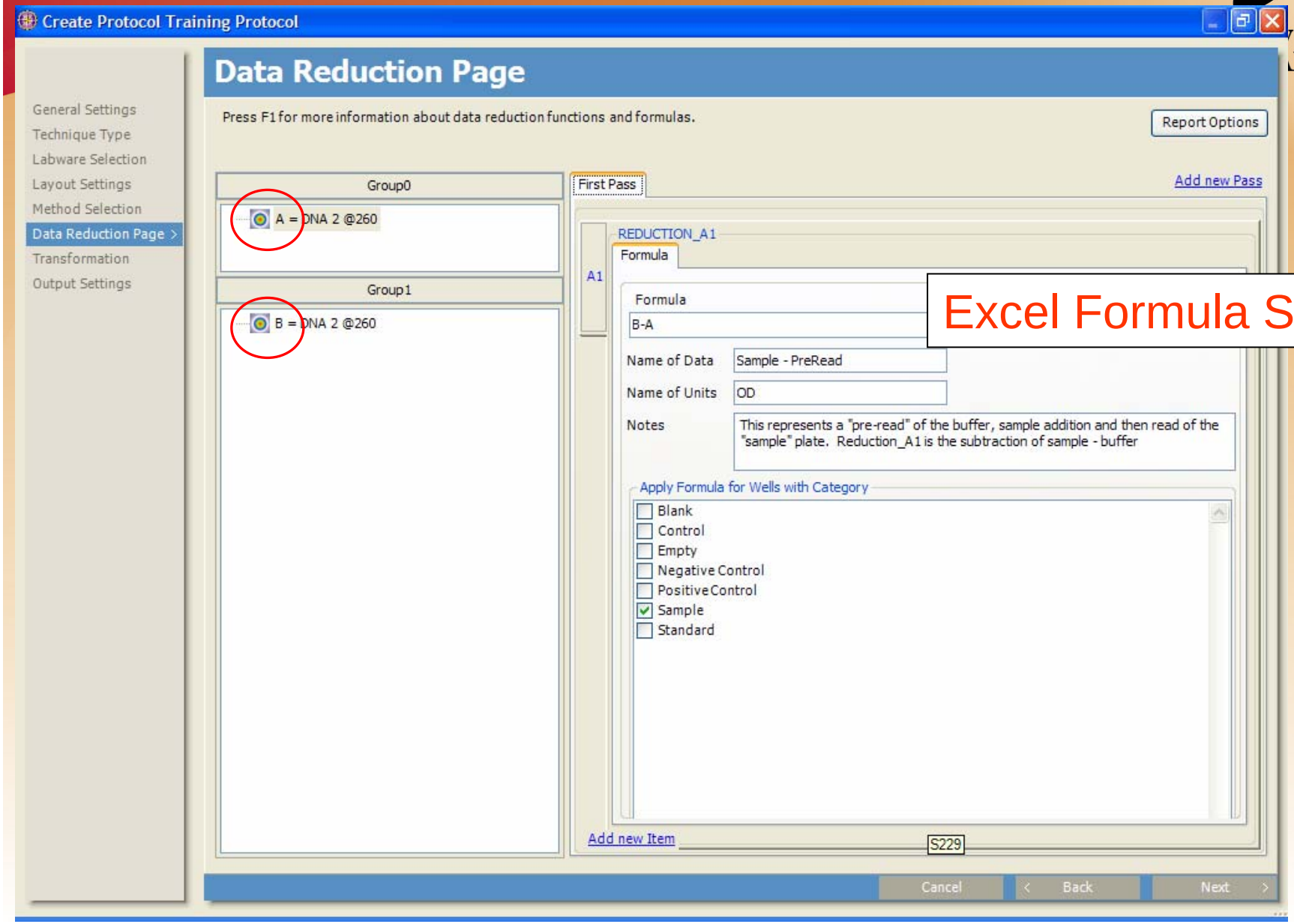
Wavelength Scan



Grouping Multiple Reads

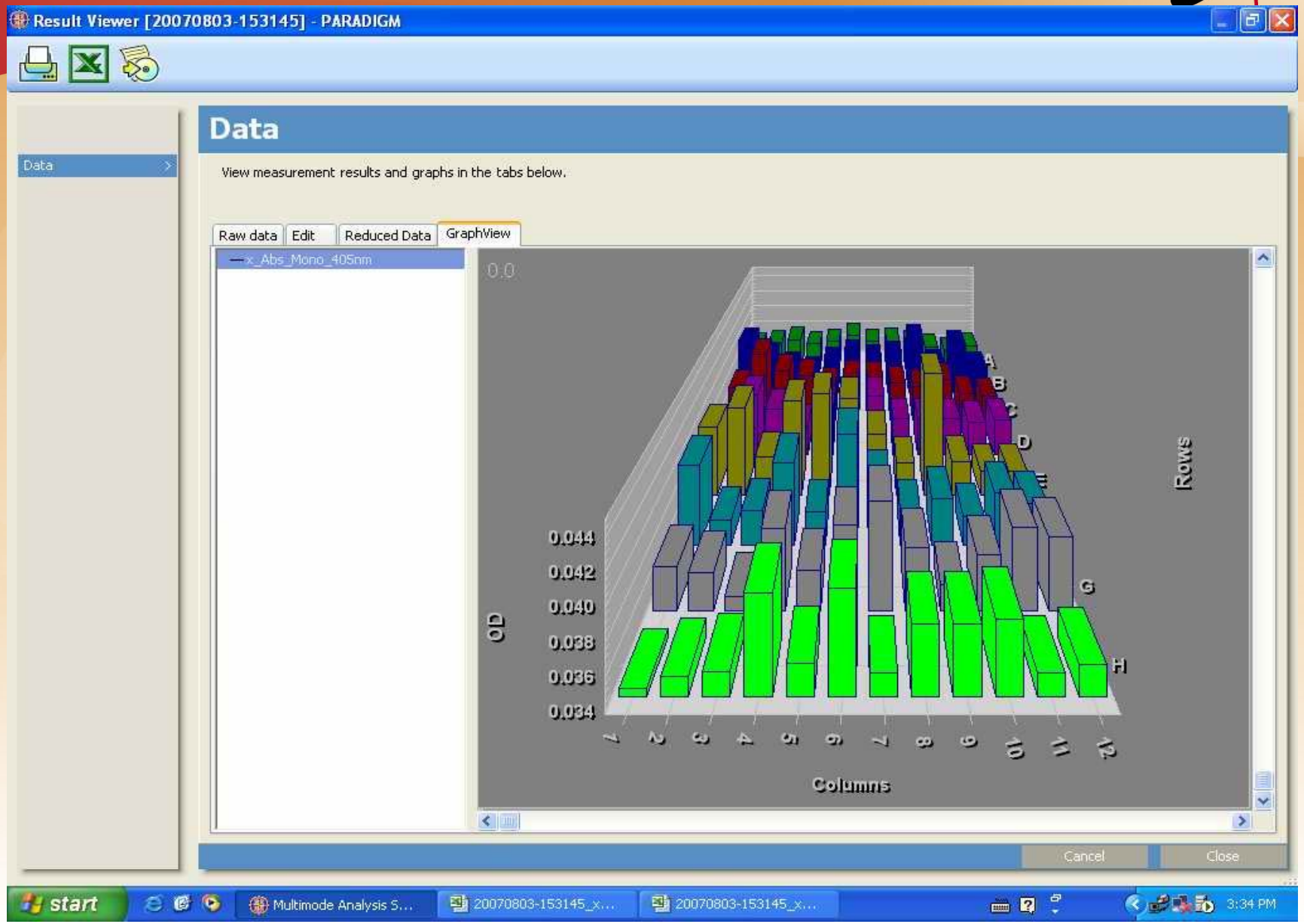


Data Reduction

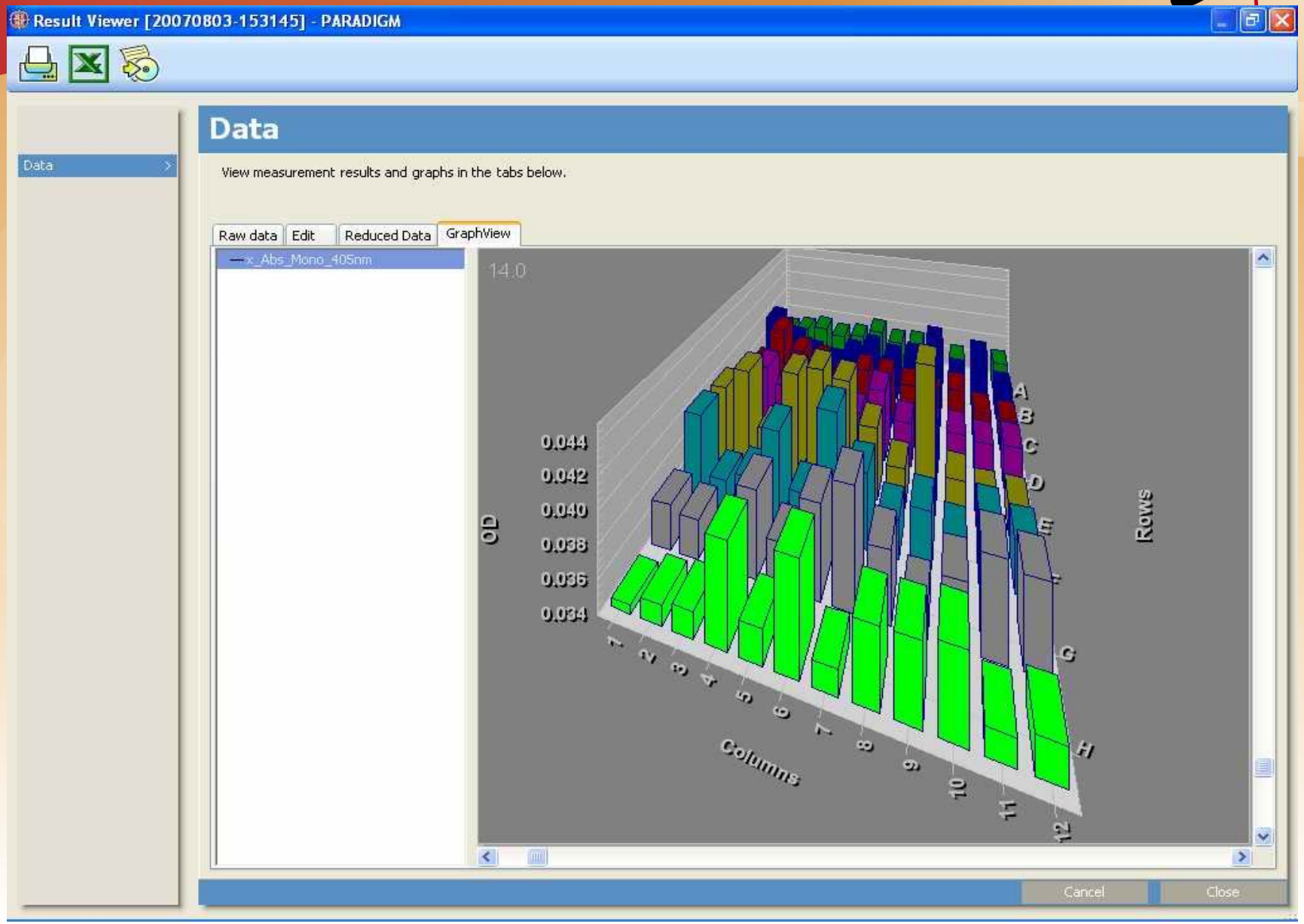


Excel Formula Syntax

3D Display


Result Viewer [20070803-153145] - PARADIGM
Data
Data
View measurement results and graphs in the tabs below.
Raw data
Edit
Reduced Data
GraphView
x_Abs_Mono_405nm
0.0
OD
0.044
0.042
0.040
0.038
0.036
0.034
Columns
Rows
A
B
C
D
E
G
H
1
2
3
4
5
6
7
8
9
10
11
12
Cancel
Close
start
Multimode Analysis S...
20070803-153145_x...
20070803-153145_x...
3:34 PM

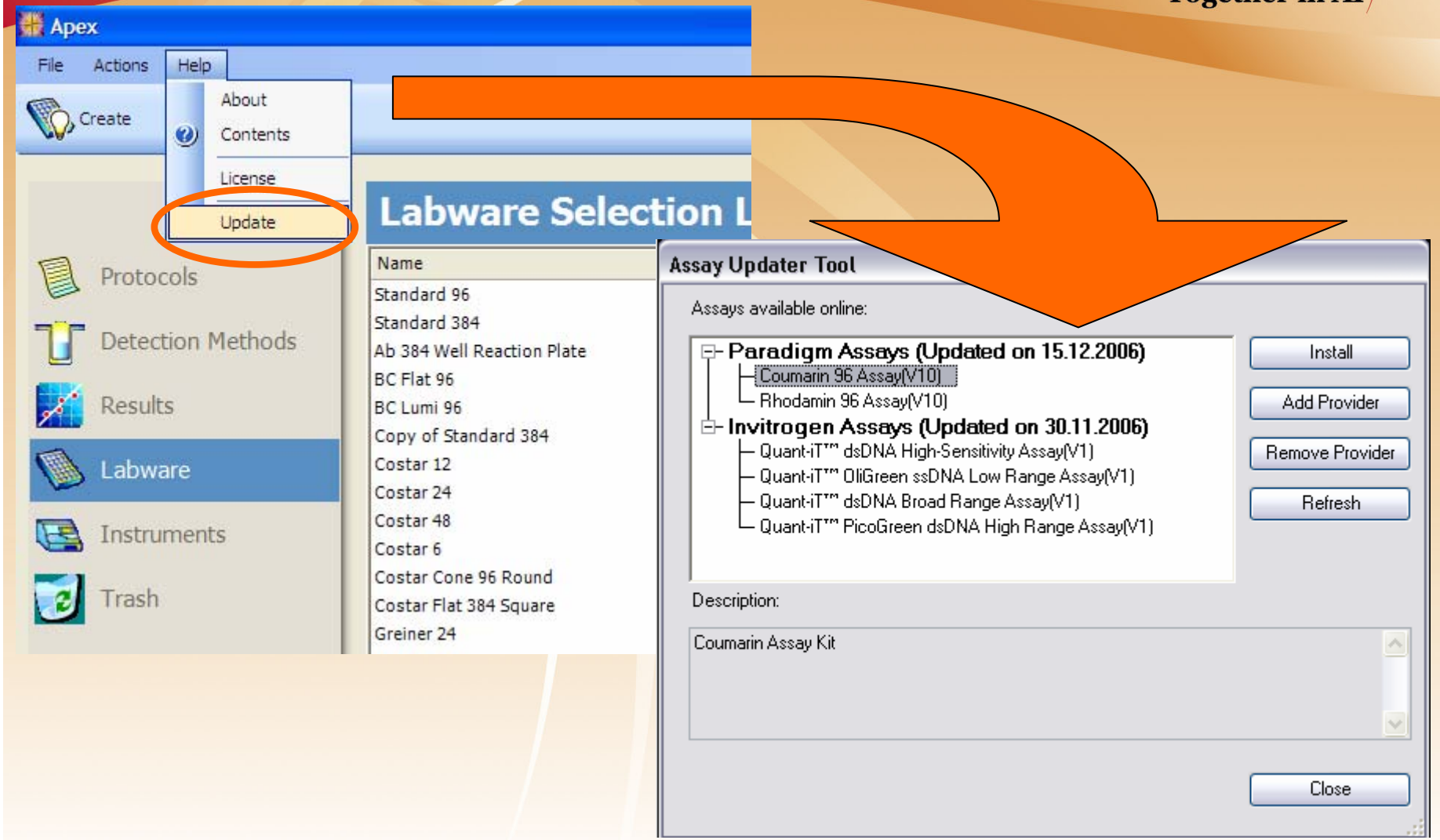
3D Display


Result Viewer [20070803-153145] - PARADIGM
Data
Data
View measurement results and graphs in the tabs below.
Raw data
Edit
Reduced Data
GraphView
x_Abs_Mono_405nm
14.0
0.044
0.042
0.040
0.038
0.036
0.034
OD
Columns
Rows
A
B
C
D
E
F
G
H
Cancel
Close

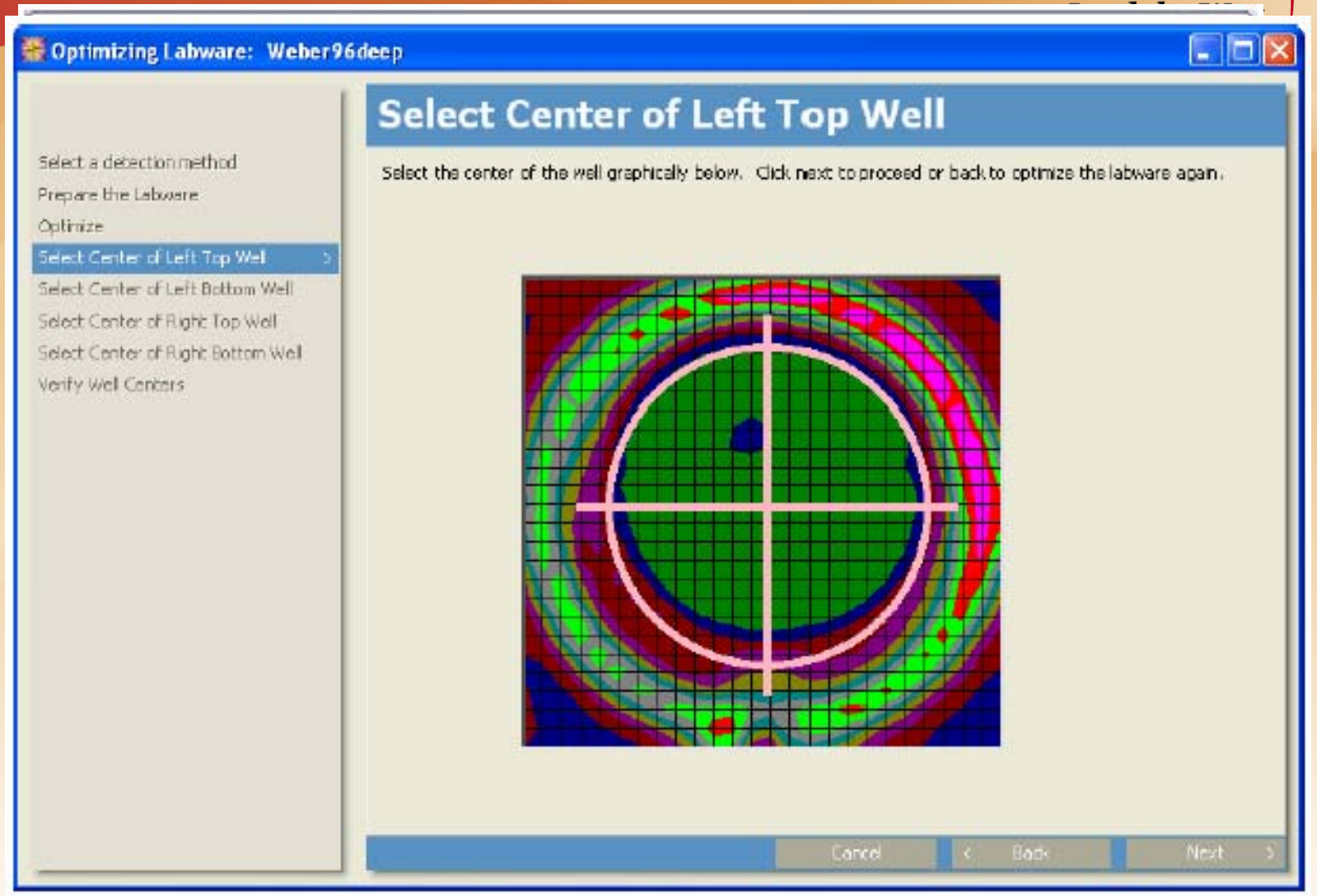
Auto Update

(Protocols, Labware, Application Notes)

Lead the Way
Together in AP

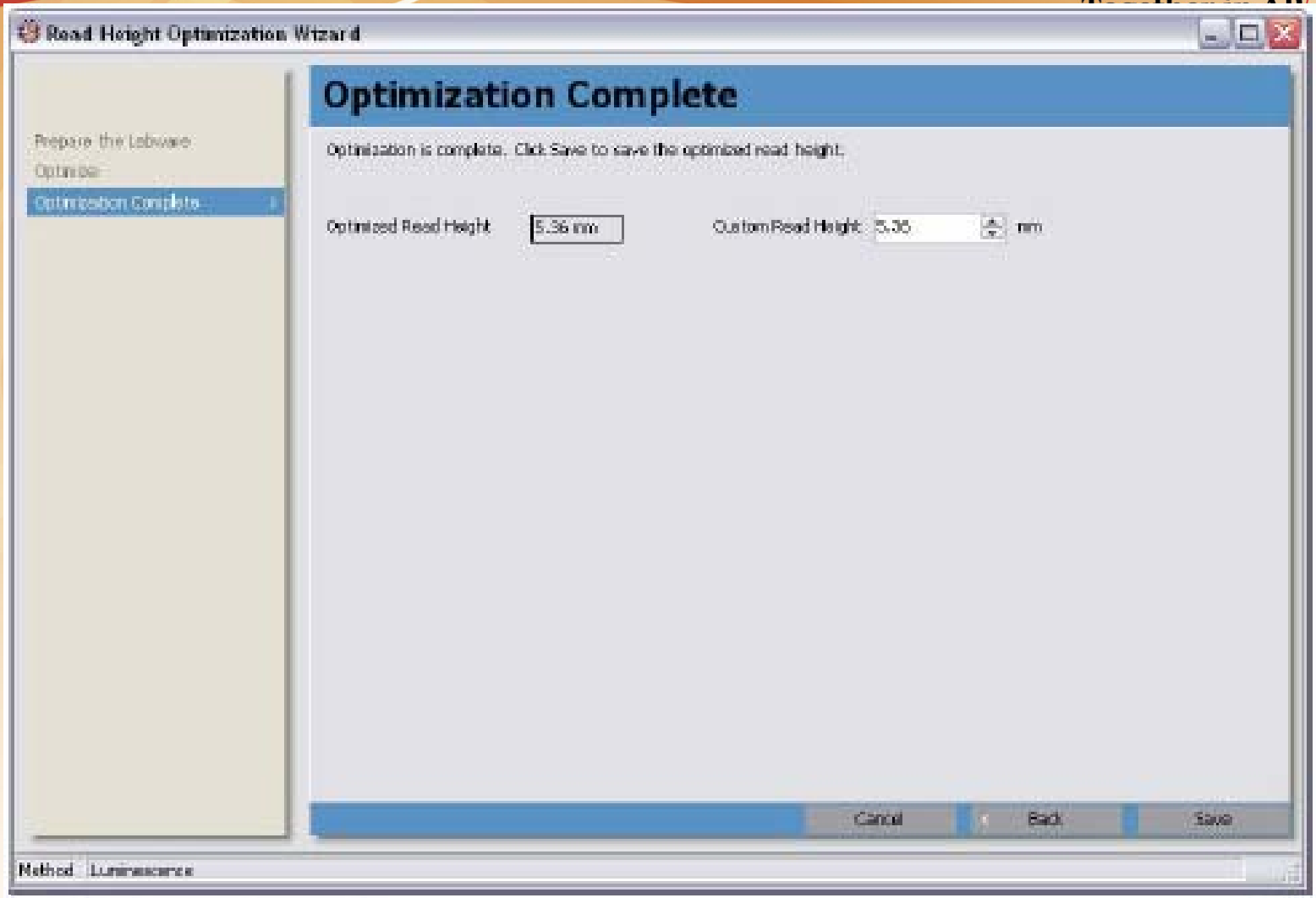


Labware Optimization



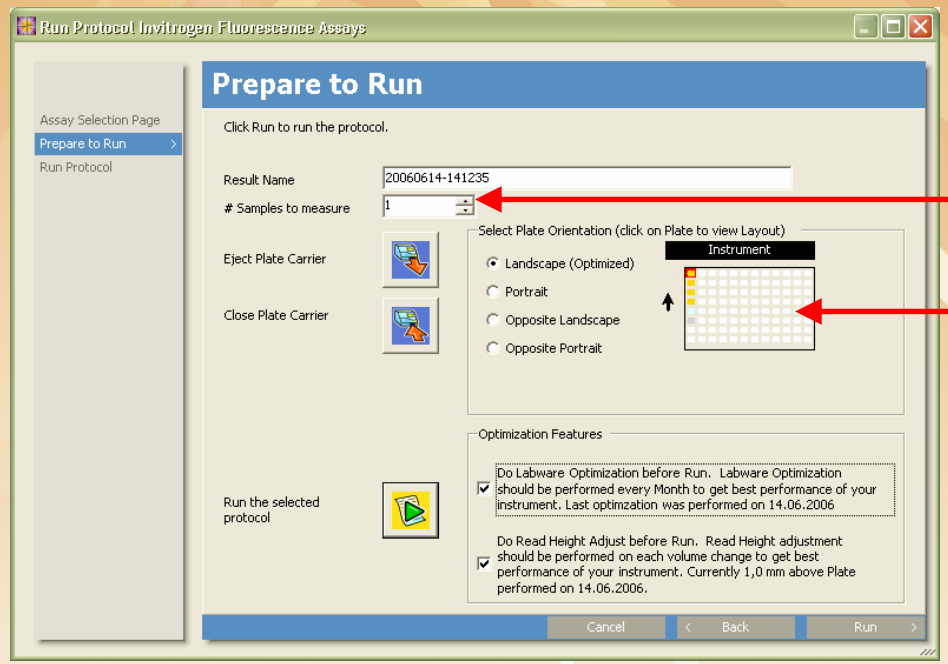
Read Height Optimization (FI,FP,TRF,LUM)

Lead the Way



Run Protocol

Lead the Way Together in AP

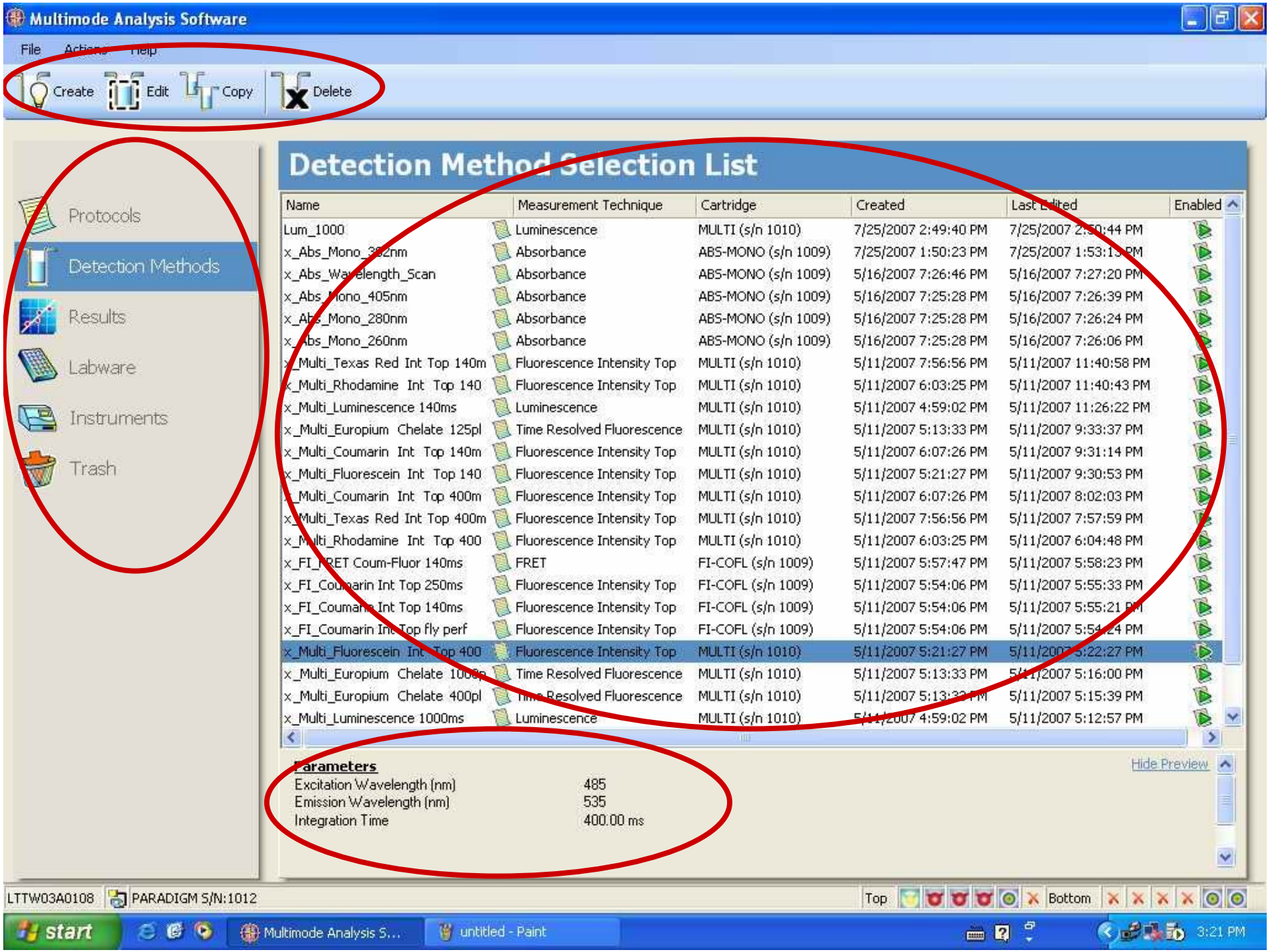


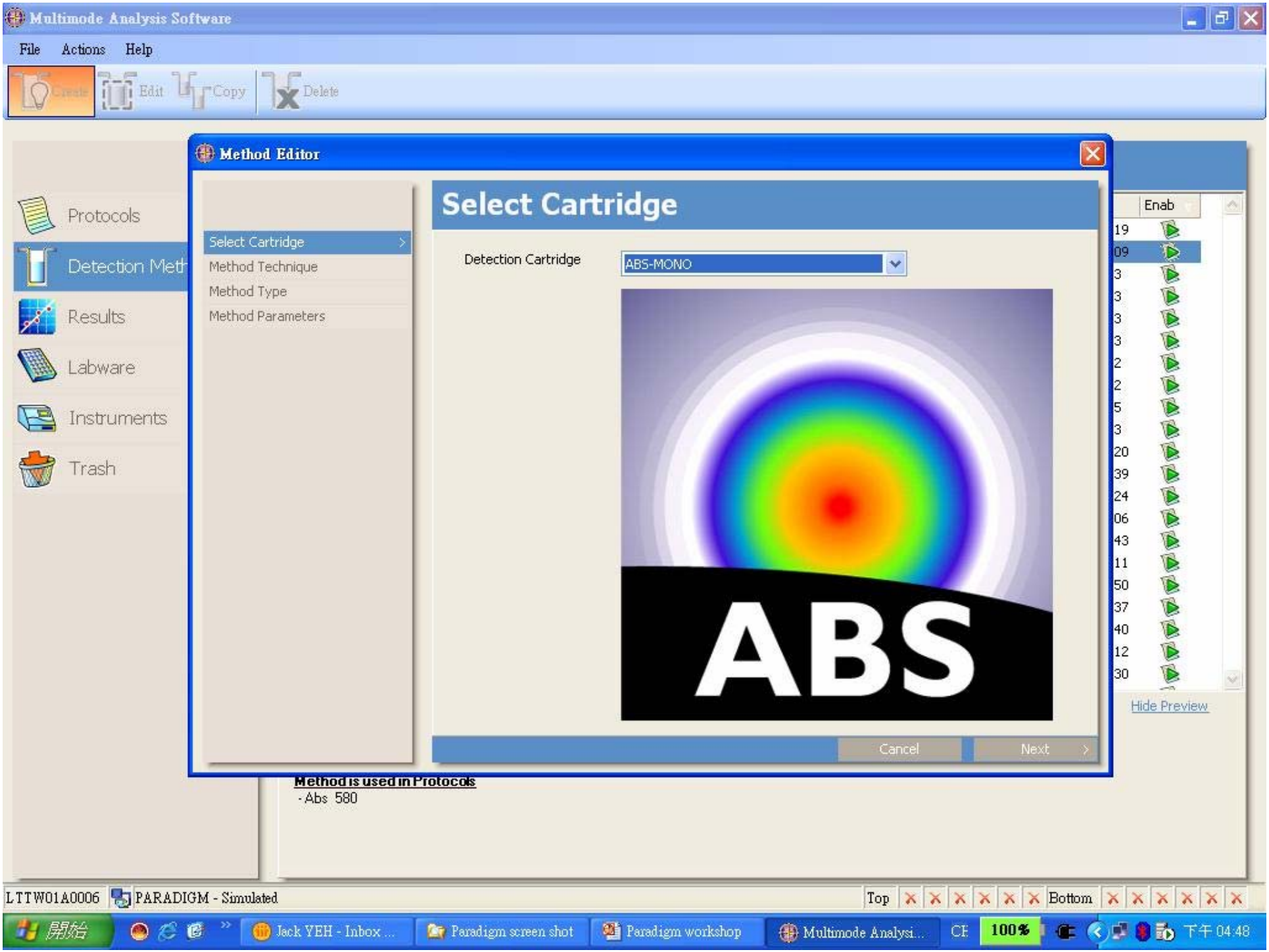
Input # of Samples

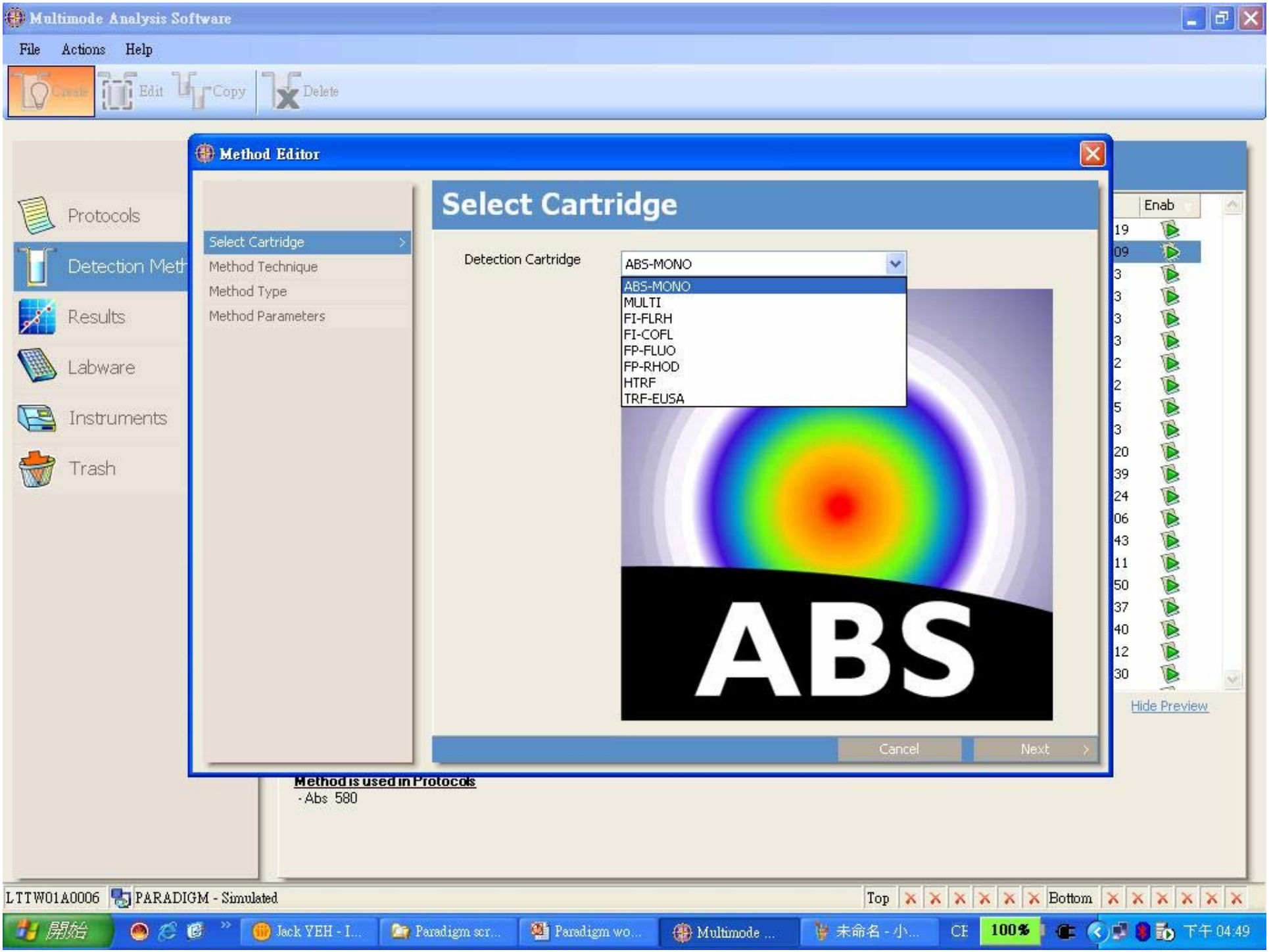
Plate Layout

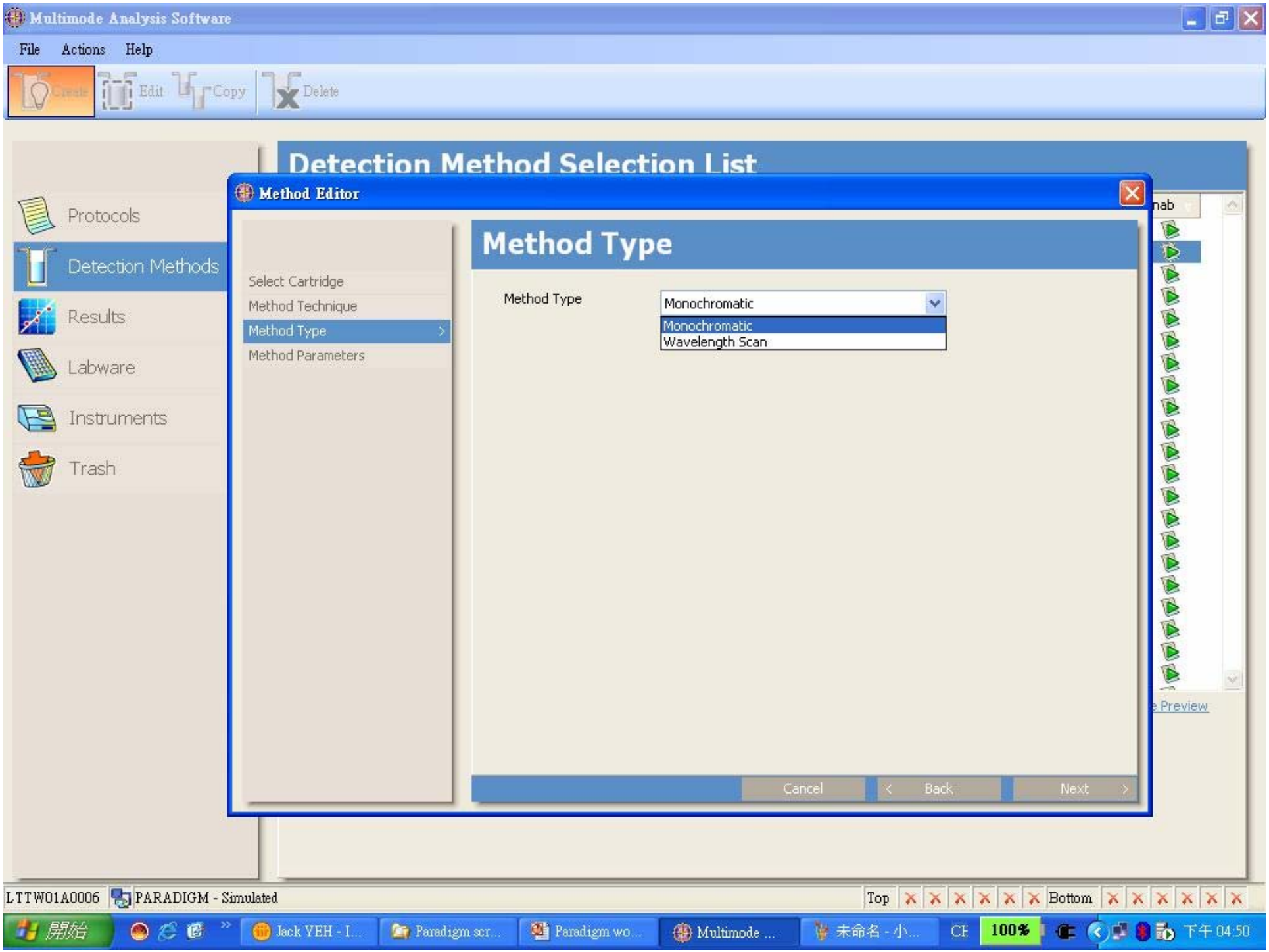
Paradigm

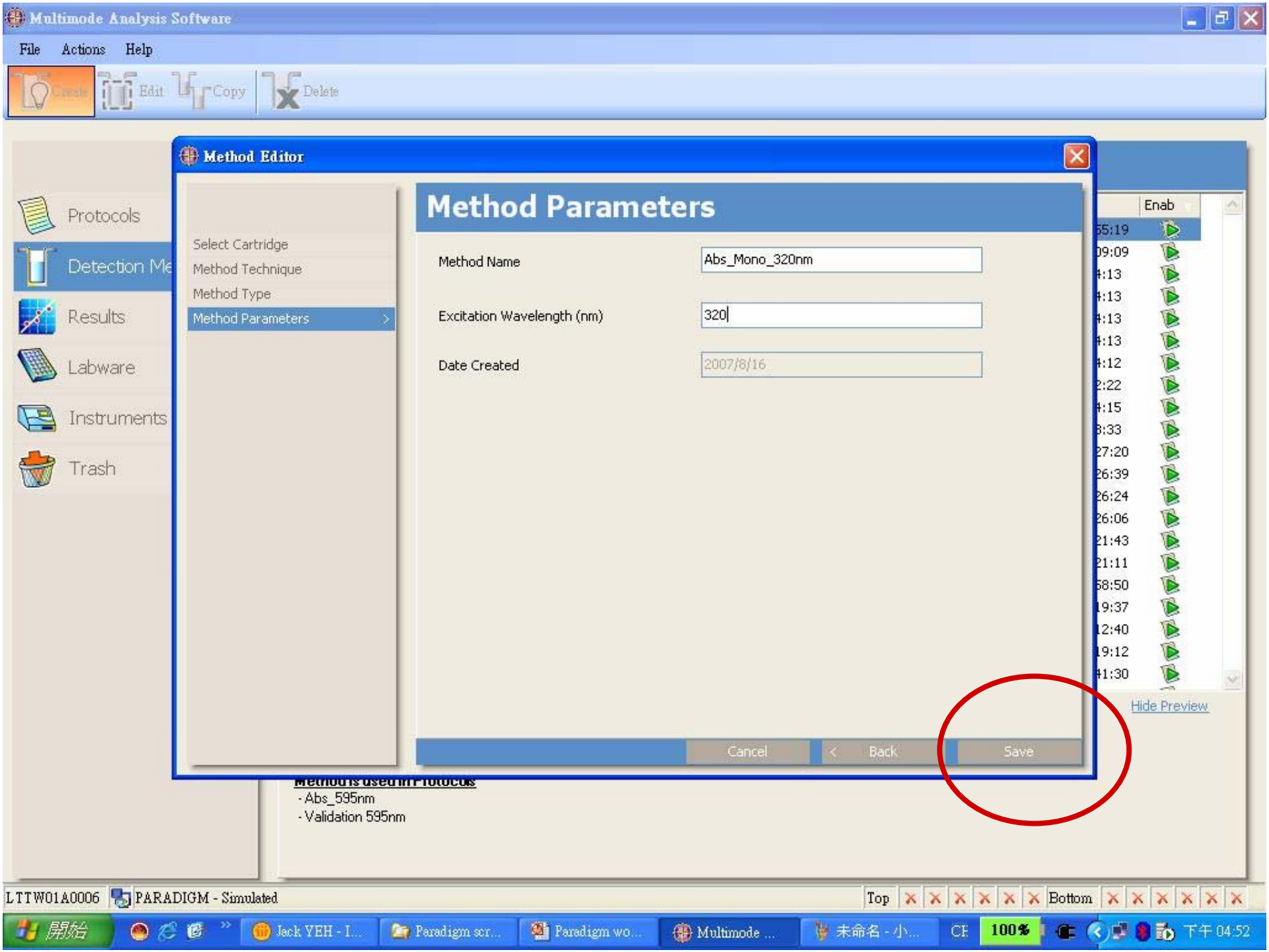
- Create method and protocol


Multimode Analysis Software
File
Actions
Help
Create
Edit
Copy
Delete
Protocols
Detection Methods
Results
Labware
Instruments
Trash
Detection Method Selection List
Name
Measurement Technique
Cartridge
Created
Last Edited
Enabled
Lum_1000
Luminescence
MULTI (s/n 1010)
7/25/2007 2:49:40 PM
x_Abs_Mono_405nm
Absorbance
ABS-MONO (s/n 1009)
5/16/2007 7:25:28 PM
5/16/2007 7:26:39 PM
x_Abs_Mono_280nm
5/16/2007 7:26:24 PM
x_Abs_Mono_260nm
5/16/2007 7:26:06 PM
x_Multi_Texas Red Int Top 140m
Fluorescence Intensity Top
5/11/2007 7:56:56 PM
5/11/2007 11:40:58 PM
x_Multi_Rhodamine Int Top 140
5/11/2007 6:03:25 PM
5/11/2007 11:40:43 PM
x_Multi_Luminescence 140ms
5/11/2007 4:59:02 PM
5/11/2007 11:26:22 PM
x_Multi_Europium Chelate 125pl
Time Resolved Fluorescence
5/11/2007 5:13:33 PM
5/11/2007 9:33:37 PM
x_Multi_Coumarin Int Top 140m
5/11/2007 6:07:26 PM
5/11/2007 9:31:14 PM
x_Multi_Fluorescein Int Top 140
5/11/2007 5:21:27 PM
5/11/2007 9:30:53 PM
x_Multi_Coumarin Int Top 400m
5/11/2007 8:02:03 PM
x_Multi_Texas Red Int Top 400m
5/11/2007 7:57:59 PM
x_Multi_Rhodamine Int Top 400
5/11/2007 6:04:48 PM
x_FI_FRET Coum-Fluor 140ms
FRET
FI-COFL (s/n 1009)
5/11/2007 5:57:47 PM
5/11/2007 5:58:23 PM
x_FI_Coumarin Int Top 250ms
5/11/2007 5:54:06 PM
5/11/2007 5:55:33 PM
x_FI_Coumarin Int Top 140ms
5/11/2007 5:55:21 PM
x_FI_Coumarin Int Top fly perf
x_Multi_Fluorescein Int Top 400
5/11/2007 5:21:27 PM
x_Multi_Europium Chelate 1000p
5/11/2007 5:13:33 PM
5/11/2007 5:16:00 PM
x_Multi_Europium Chelate 400pl
5/11/2007 5:15:39 PM
x_Multi_Luminescence 1000ms
5/11/2007 5:12:57 PM
Parameters
Excitation Wavelength (nm)
485
Emission Wavelength (nm)
535
Integration Time
400.00 ms
Hide Preview
LTTW03A0108
PARADIGM S/N:1012
Top
Bottom
start
Multimode Analysis S...
untitled - Paint
3:21 PM


Multimode Analysis Software
File
Actions
Help
Create
Edit
Copy
Delete
Method Editor
Protocols
Detection Meth
Results
Labware
Instruments
Trash
Select Cartridge
Method Technique
Method Type
Method Parameters
Select Cartridge
Detection Cartridge
ABS-MONO
ABS
Cancel
Next
Enab
19
09
3
3
3
3
2
2
5
3
20
39
24
06
43
11
50
37
40
12
30
Hide Preview
Method is used in Protocols
- Abs 580
LTTW01A0006
PARADIGM - Simulated
Top
Bottom
開始
Jack YEH - Inbox ...
Paradigm screen shot
Paradigm workshop
Multimode Analysi...
CH
100%
下午 04:48

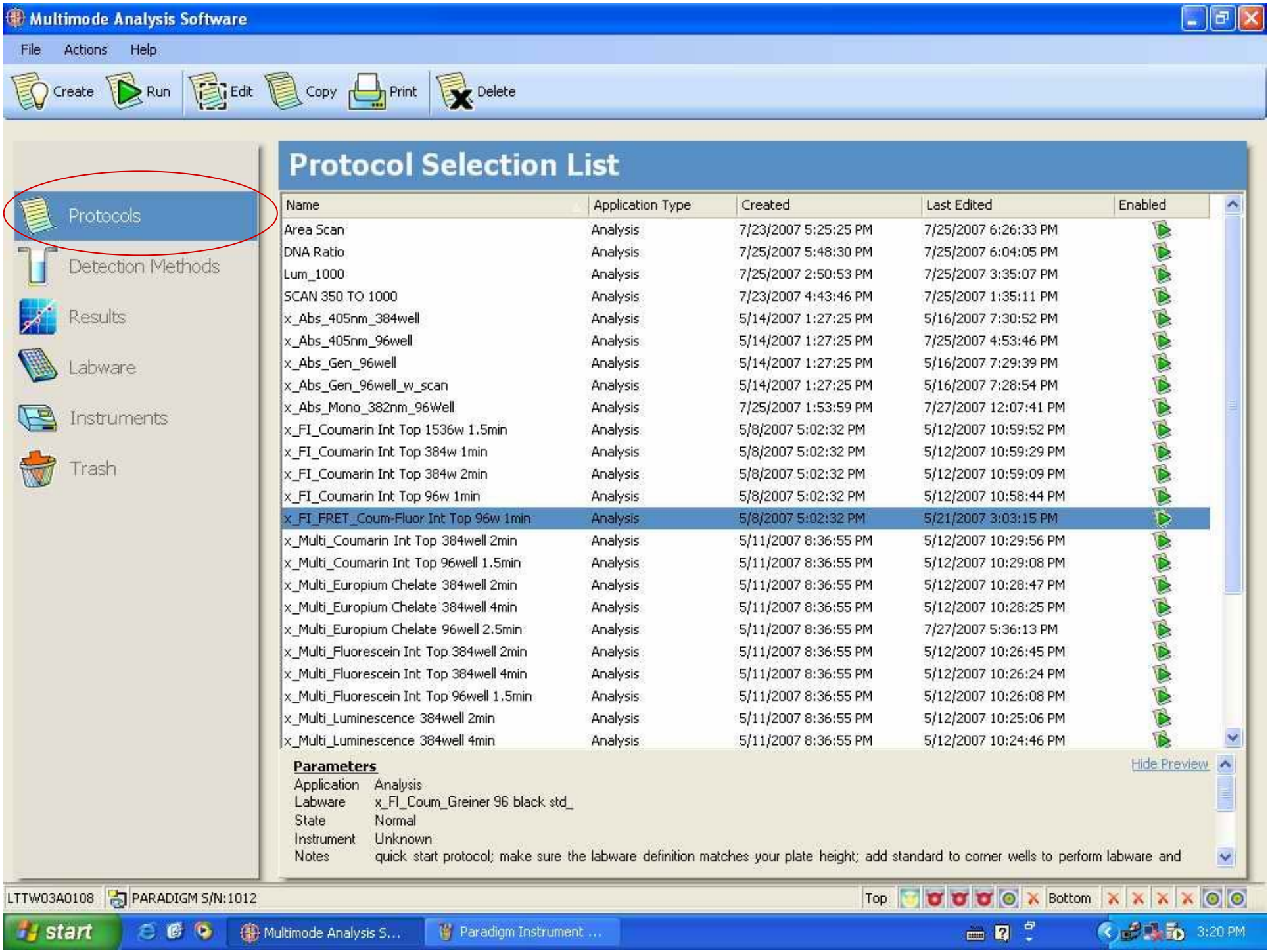

Multimode Analysis Software
File
Actions
Help
Create
Edit
Copy
Delete
Method Editor
Protocols
Detection Meth
Results
Labware
Instruments
Trash
Select Cartridge
Method Technique
Method Type
Method Parameters
Select Cartridge
Detection Cartridge
ABS-MONO
ABS-MONO
MULTI
FI-FLRH
FI-COFL
FP-FLUO
FP-RHOD
HTRF
TRF-EUSA
ABS
Cancel
Next
Enab
19
09
3
3
3
3
2
2
5
3
20
39
24
06
43
11
50
37
40
12
30
Hide Preview
Method is used in Protocols
- Abs 580
LTTW01A0006
PARADIGM - Simulated
Top
Bottom
開始
Jack YEH - I...
Paradigm scr...
Paradigm wo...
Multimode ...
未命名 - 小...
CE
100%
下午 04:49

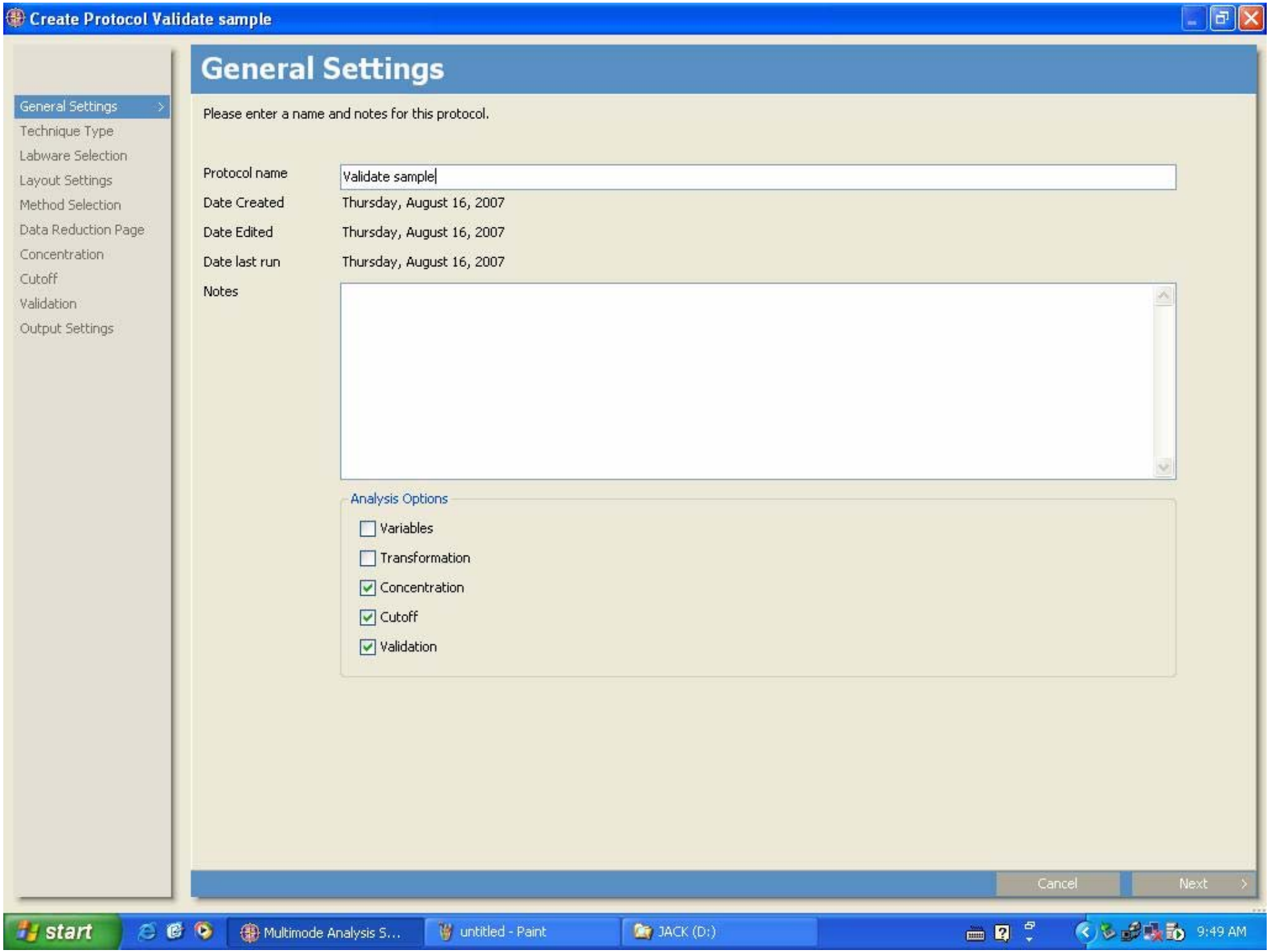

Multimode Analysis Software
File
Actions
Help
Create
Edit
Copy
Delete
Protocols
Detection Methods
Results
Labware
Instruments
Trash
Detection Method Selection List
Method Editor
Select Cartridge
Method Technique
Method Type
Method Parameters
Method Type
Method Type
Monochromatic
Monochromatic
Wavelength Scan
Cancel
Back
Next
Preview
LTTW01A0006
PARADIGM - Simulated
Top
Bottom
開始
Jack YEH - I...
Paradigm scr...
Paradigm wo...
Multimode ...
未命名 - 小...
CH
100%
下午 04:50

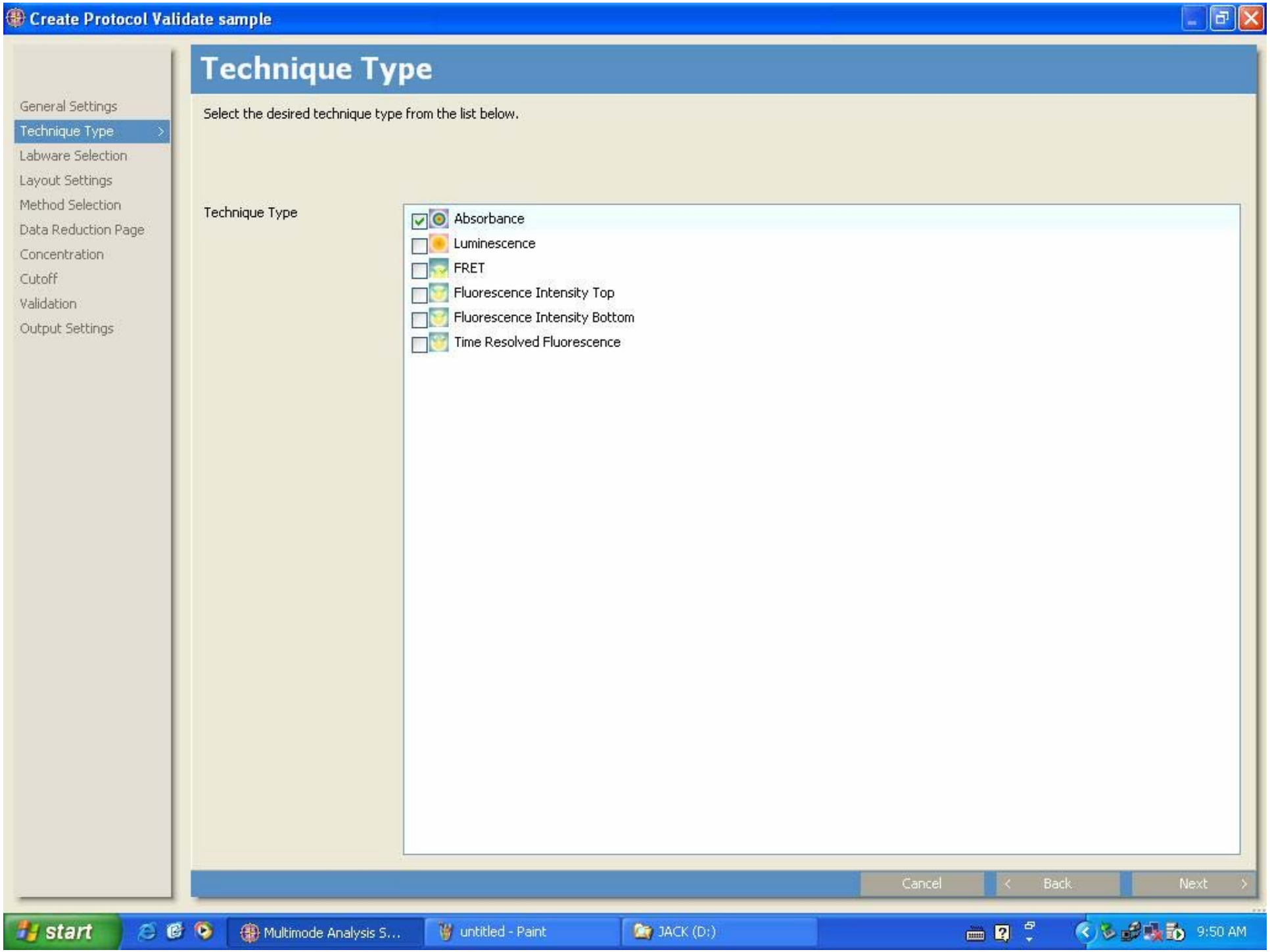

Multimode Analysis Software
File
Actions
Help
Create
Edit
Copy
Delete
Method Editor
Protocols
Detection Me
Results
Labware
Instruments
Trash
Select Cartridge
Method Technique
Method Type
Method Parameters
Method Parameters
Method Name
Abs_Mono_320nm
Excitation Wavelength (nm)
320
Date Created
2007/8/16
Cancel
Back
Save
Enab
Hide Preview
- Abs_595nm
- Validation 595nm
LTTW01A0006
PARADIGM - Simulated
Top
Bottom
開始
Jack YEH - I...
Paradigm scr...
Paradigm wo...
Multimode ...
未命名 - 小...
CE
100%
下午 04:52

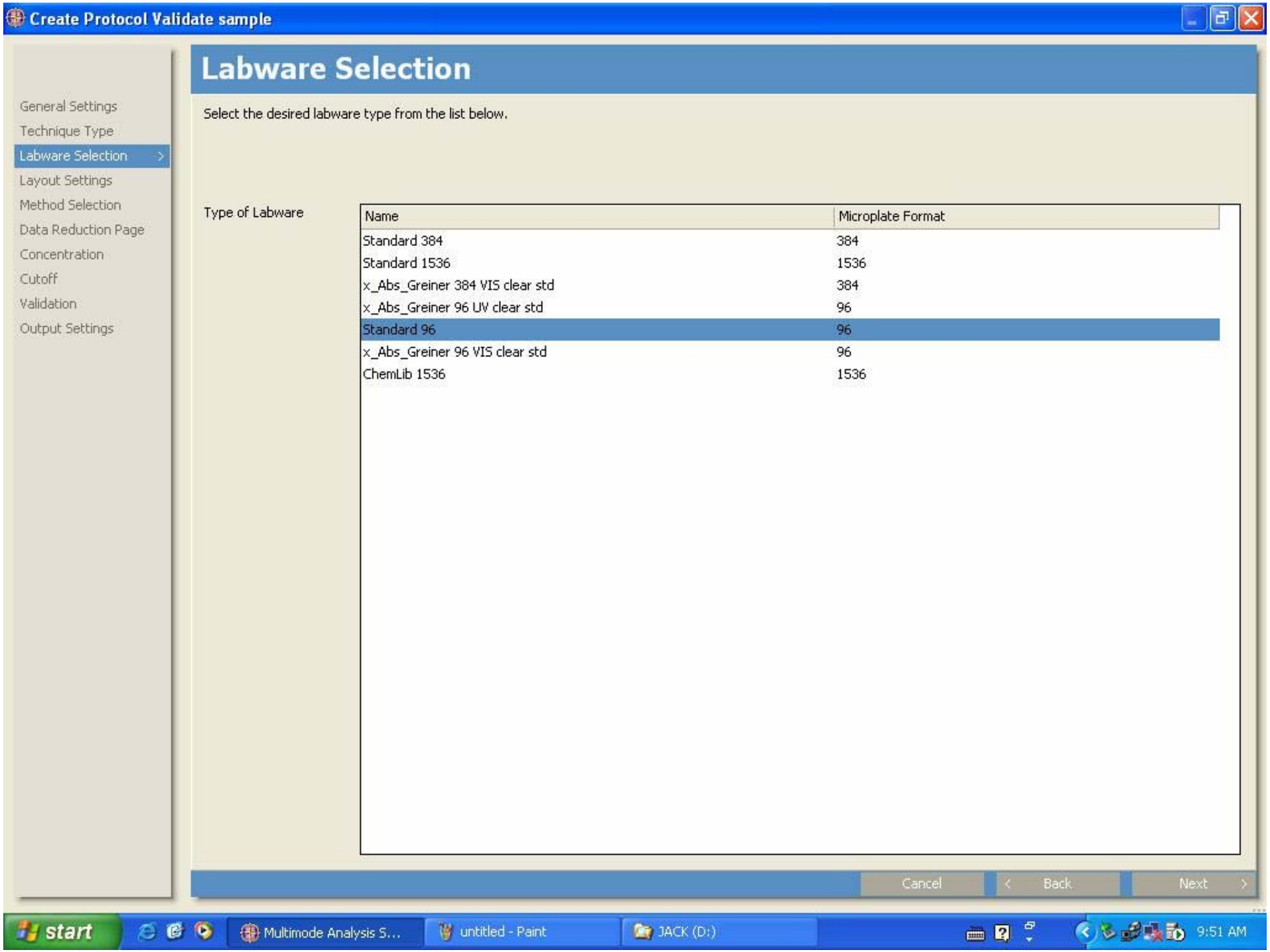
Protocol

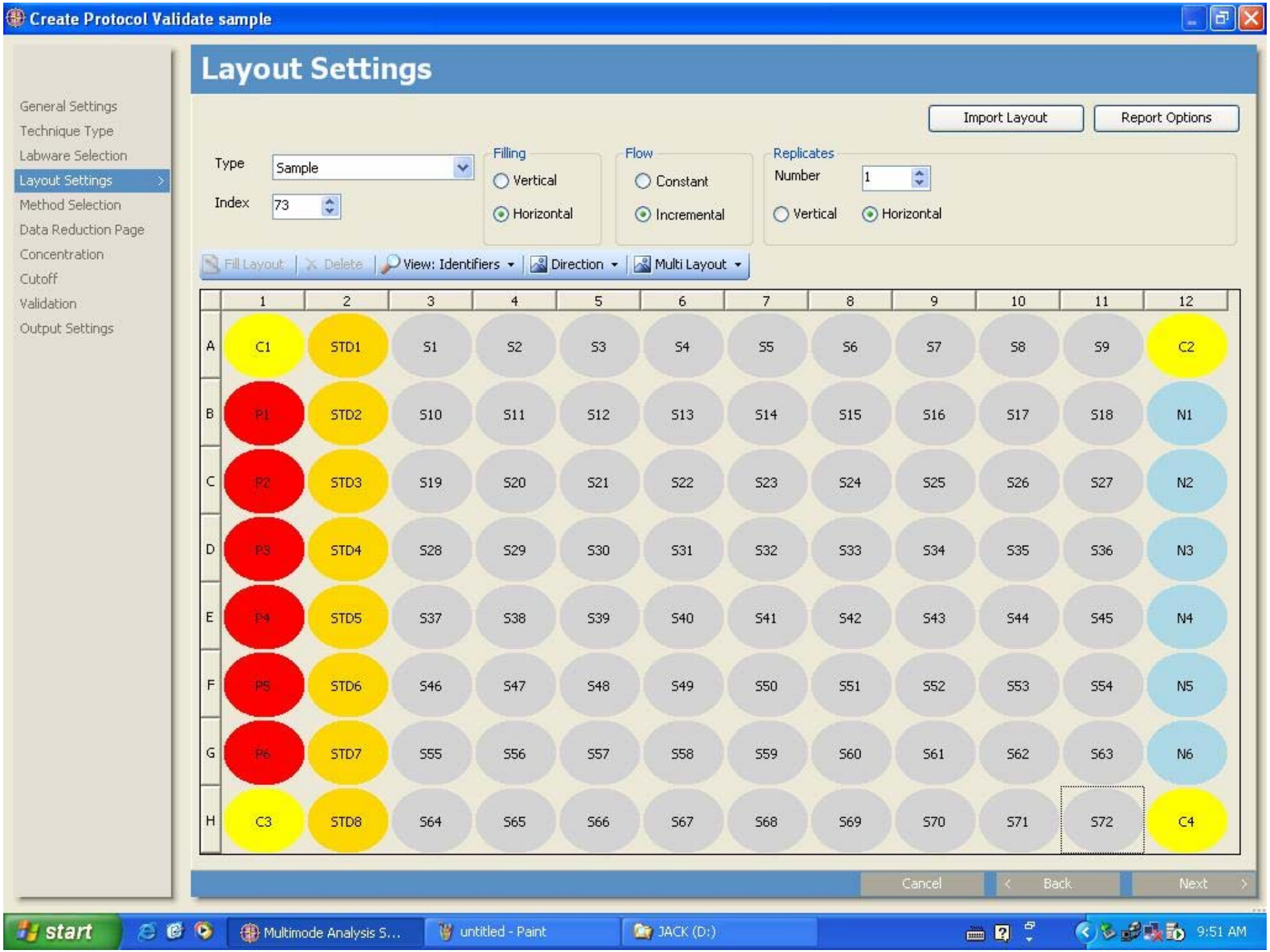
- Protocol包含:
  - 偵測模式(Abs, FI, FP, TRF, Lum, HTRF)
  - 是否需要控溫, Shake, Pause
  - 待測微孔盤的形式(96, 384, 1536)
  - 樣品Layout(Control,Standard,Blank,Positive control,Negative control,Sample,Dilute…)
  - 資料計算,輸出列印形式

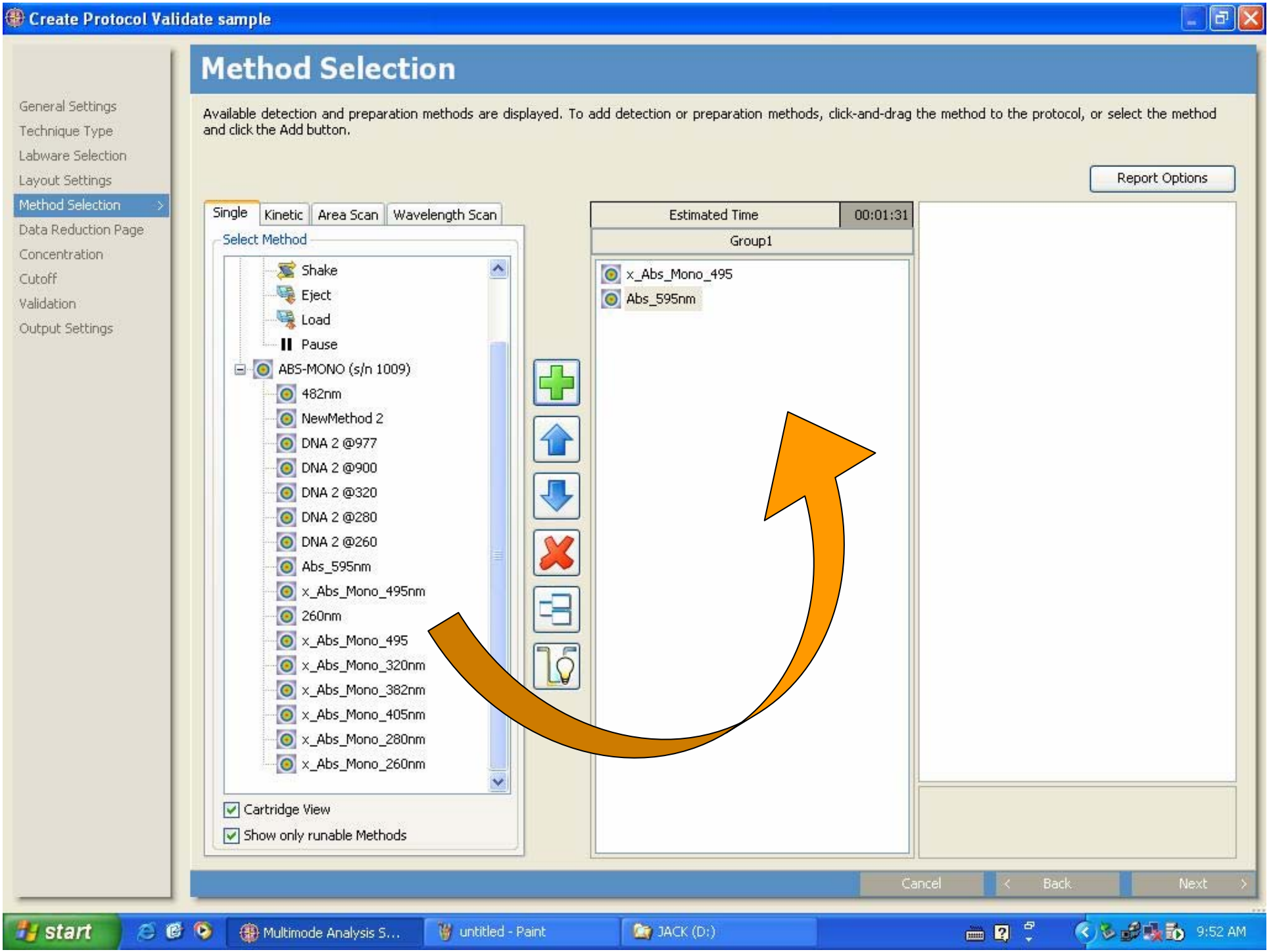

Multimode Analysis Software
File
Actions
Help
Create
Run
Edit
Copy
Print
Delete
Protocols
Detection Methods
Results
Labware
Instruments
Trash
Protocol Selection List
Name
Application Type
Created
Last Edited
Enabled
Area Scan Analysis 7/23/2007 5:25:25 PM 7/25/2007 6:26:33 PM
DNA Ratio Analysis 7/25/2007 5:48:30 PM 7/25/2007 6:04:05 PM
Lum_1000 Analysis 7/25/2007 2:50:53 PM 7/25/2007 3:35:07 PM
SCAN 350 TO 1000 Analysis 7/23/2007 4:43:46 PM 7/25/2007 1:35:11 PM
x_Abs_405nm_384well Analysis 5/14/2007 1:27:25 PM 5/16/2007 7:30:52 PM
x_Abs_405nm_96well Analysis 5/14/2007 1:27:25 PM 7/25/2007 4:53:46 PM
x_Abs_Gen_96well Analysis 5/14/2007 1:27:25 PM 5/16/2007 7:29:39 PM
x_Abs_Gen_96well_w_scan Analysis 5/14/2007 1:27:25 PM 5/16/2007 7:28:54 PM
x_Abs_Mono_382nm_96Well Analysis 7/25/2007 1:53:59 PM 7/27/2007 12:07:41 PM
x_FI_Coumarin Int Top 1536w 1.5min Analysis 5/8/2007 5:02:32 PM 5/12/2007 10:59:52 PM
x_FI_Coumarin Int Top 384w 1min Analysis 5/8/2007 5:02:32 PM 5/12/2007 10:59:29 PM
x_FI_Coumarin Int Top 384w 2min Analysis 5/8/2007 5:02:32 PM 5/12/2007 10:59:09 PM
x_FI_Coumarin Int Top 96w 1min Analysis 5/8/2007 5:02:32 PM 5/12/2007 10:58:44 PM
x_FI_FRET_Coum-Fluor Int Top 96w 1min Analysis 5/8/2007 5:02:32 PM 5/21/2007 3:03:15 PM
x_Multi_Coumarin Int Top 384well 2min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:29:56 PM
x_Multi_Coumarin Int Top 96well 1.5min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:29:08 PM
x_Multi_Europium Chelate 384well 2min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:28:47 PM
x_Multi_Europium Chelate 384well 4min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:28:25 PM
x_Multi_Europium Chelate 96well 2.5min Analysis 5/11/2007 8:36:55 PM 7/27/2007 5:36:13 PM
x_Multi_Fluorescein Int Top 384well 2min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:26:45 PM
x_Multi_Fluorescein Int Top 384well 4min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:26:24 PM
x_Multi_Fluorescein Int Top 96well 1.5min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:26:08 PM
x_Multi_Luminescence 384well 2min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:25:06 PM
x_Multi_Luminescence 384well 4min Analysis 5/11/2007 8:36:55 PM 5/12/2007 10:24:46 PM
Parameters
Hide Preview
Application Analysis
Labware x_FI_Coum_Greiner 96 black std_
State Normal
Instrument Unknown
Notes quick start protocol; make sure the labware definition matches your plate height; add standard to corner wells to perform labware and
LTTW03A0108
PARADIGM S/N:1012
Top
Bottom
start
Multimode Analysis S...
Paradigm Instrument ...
3:20 PM

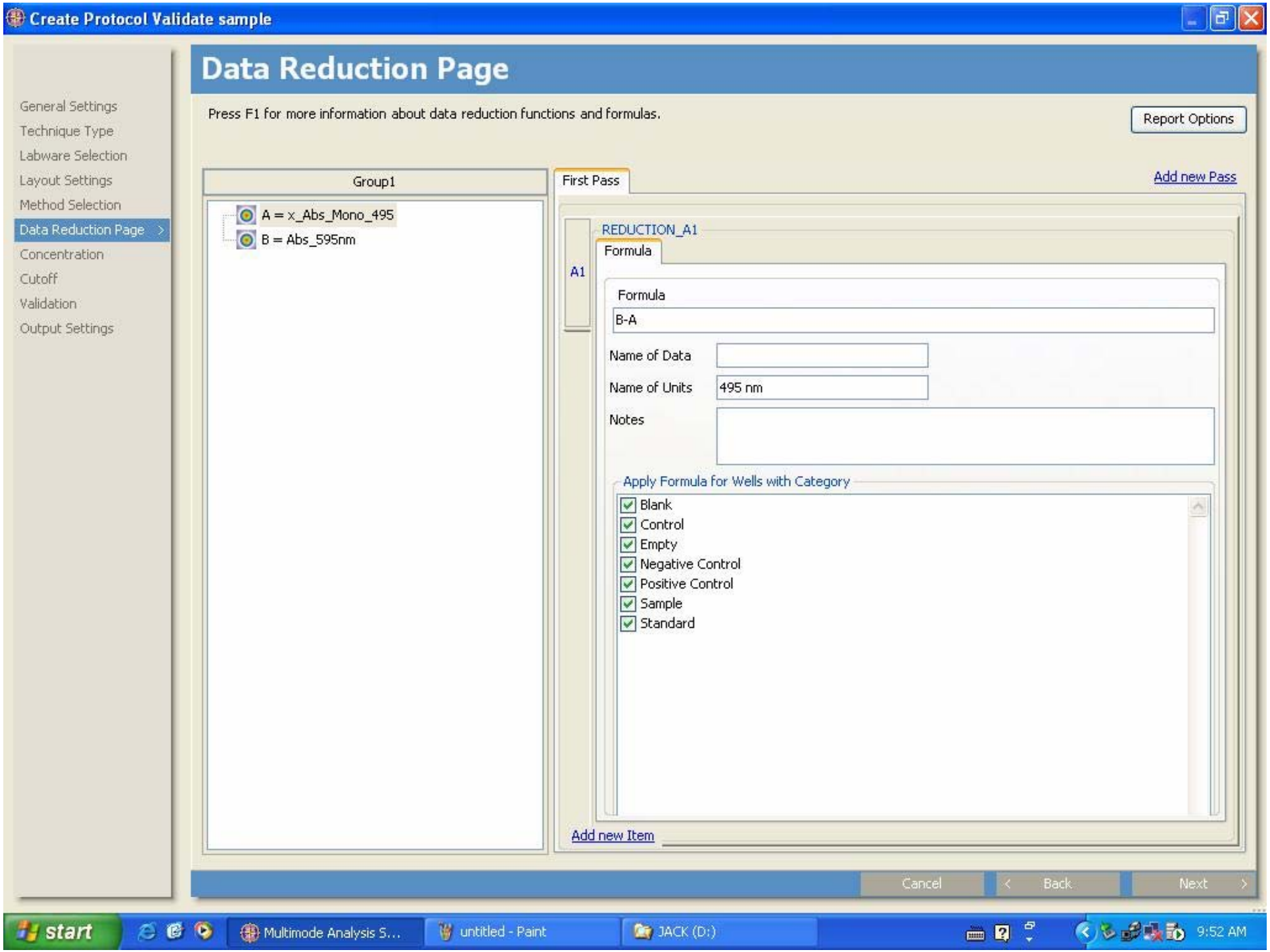

Create Protocol Validate sample
General Settings
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Please enter a name and notes for this protocol.
Protocol name
Validate sample
Date Created
Thursday, August 16, 2007
Date Edited
Thursday, August 16, 2007
Date last run
Thursday, August 16, 2007
Notes
Analysis Options
Variables
Transformation
Concentration
Cutoff
Validation
Cancel
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:49 AM

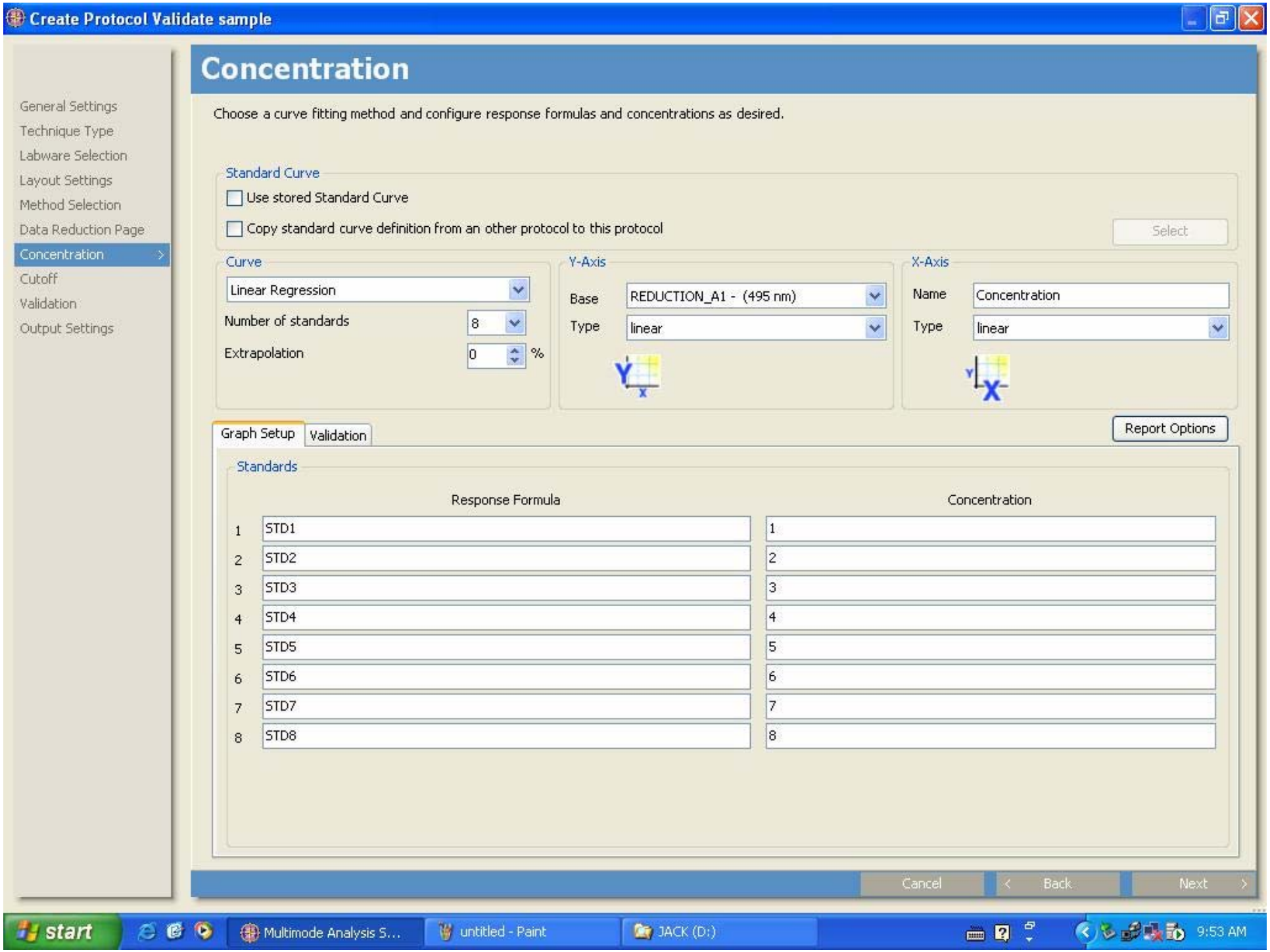

Create Protocol Validate sample
Technique Type
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Select the desired technique type from the list below.
Technique Type
Absorbance
Luminescence
FRET
Fluorescence Intensity Top
Fluorescence Intensity Bottom
Time Resolved Fluorescence
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:50 AM

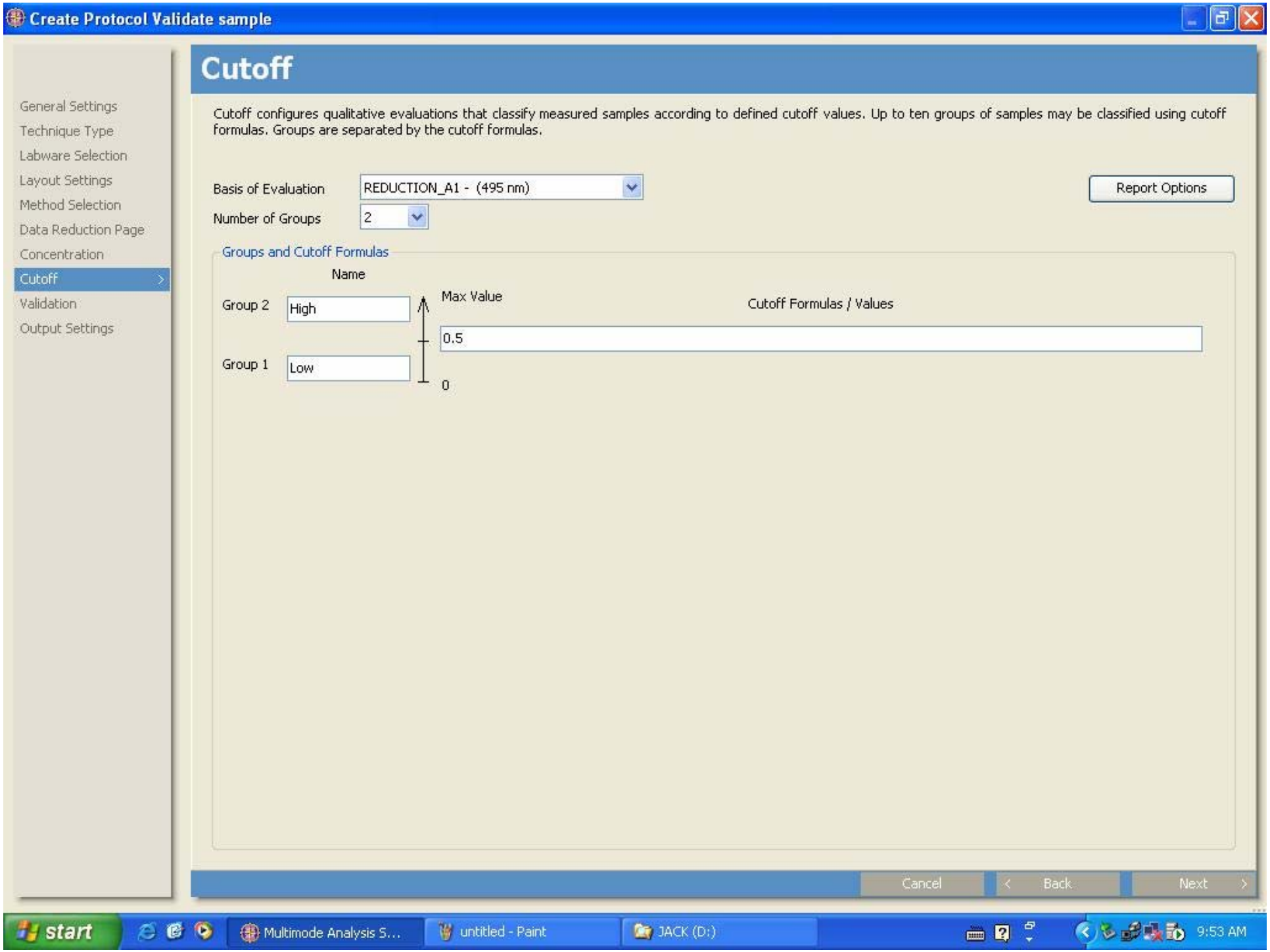

Create Protocol Validate sample
Labware Selection
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Select the desired labware type from the list below.
Type of Labware
Name
Microplate Format
Standard 384
384
Standard 1536
1536
x_Abs_Greiner 384 VIS clear std
384
x_Abs_Greiner 96 UV clear std
96
Standard 96
96
x_Abs_Greiner 96 VIS clear std
96
ChemLib 1536
1536
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:51 AM

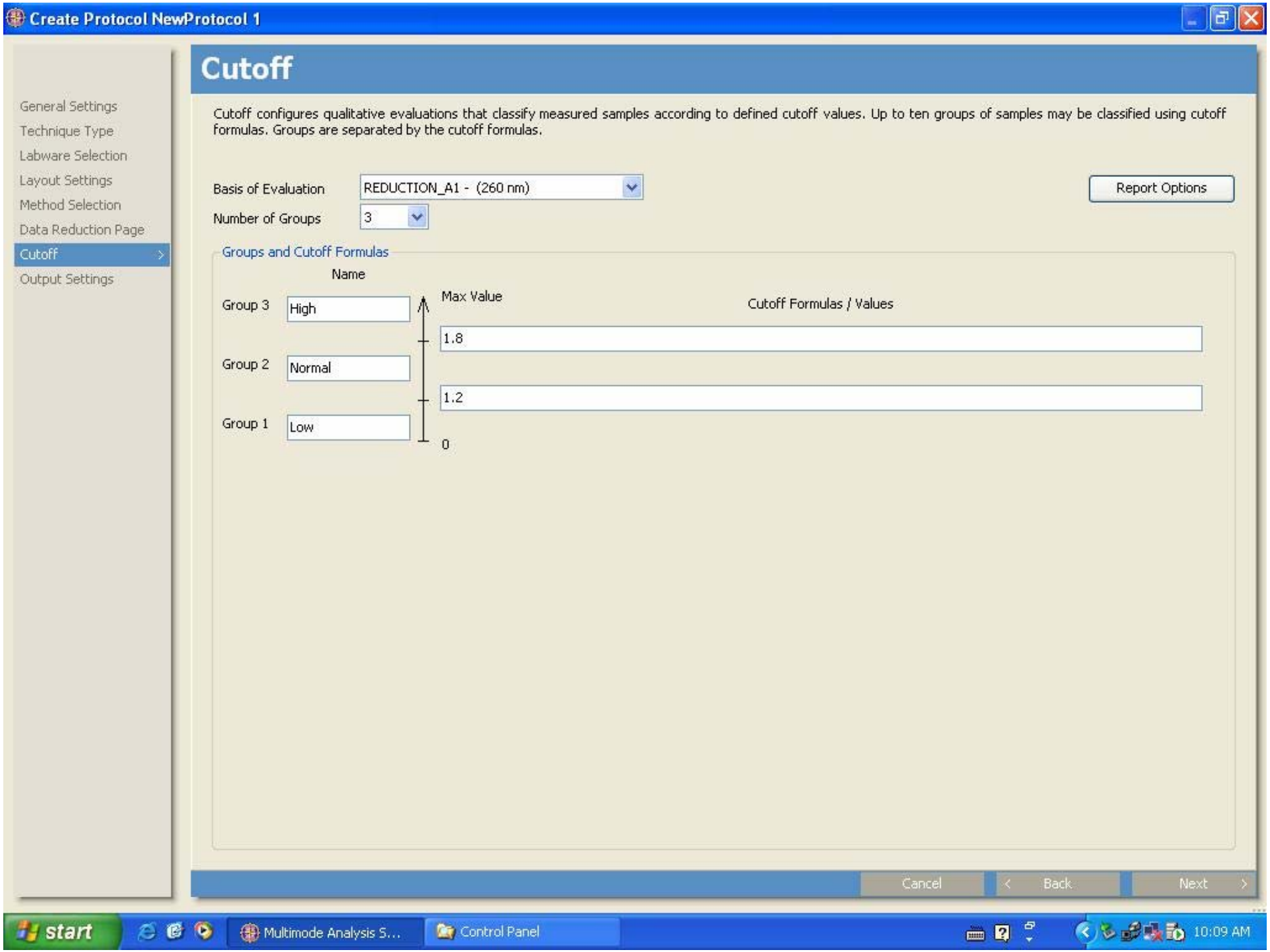

Create Protocol Validate sample
Layout Settings
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Import Layout
Report Options
Type
Sample
Index
73
Filling
Vertical
Horizontal
Flow
Constant
Incremental
Replicates
Number
1
Vertical
Horizontal
Fill Layout
Delete
View: Identifiers
Direction
Multi Layout
1 2 3 4 5 6 7 8 9 10 11 12
A C1 STD1 S1 S2 S3 S4 S5 S6 S7 S8 S9 C2
B P1 STD2 S10 S11 S12 S13 S14 S15 S16 S17 S18 N1
C P2 STD3 S19 S20 S21 S22 S23 S24 S25 S26 S27 N2
D P3 STD4 S28 S29 S30 S31 S32 S33 S34 S35 S36 N3
E P4 STD5 S37 S38 S39 S40 S41 S42 S43 S44 S45 N4
F P5 STD6 S46 S47 S48 S49 S50 S51 S52 S53 S54 N5
G P6 STD7 S55 S56 S57 S58 S59 S60 S61 S62 S63 N6
H C3 STD8 S64 S65 S66 S67 S68 S69 S70 S71 S72 C4
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:51 AM

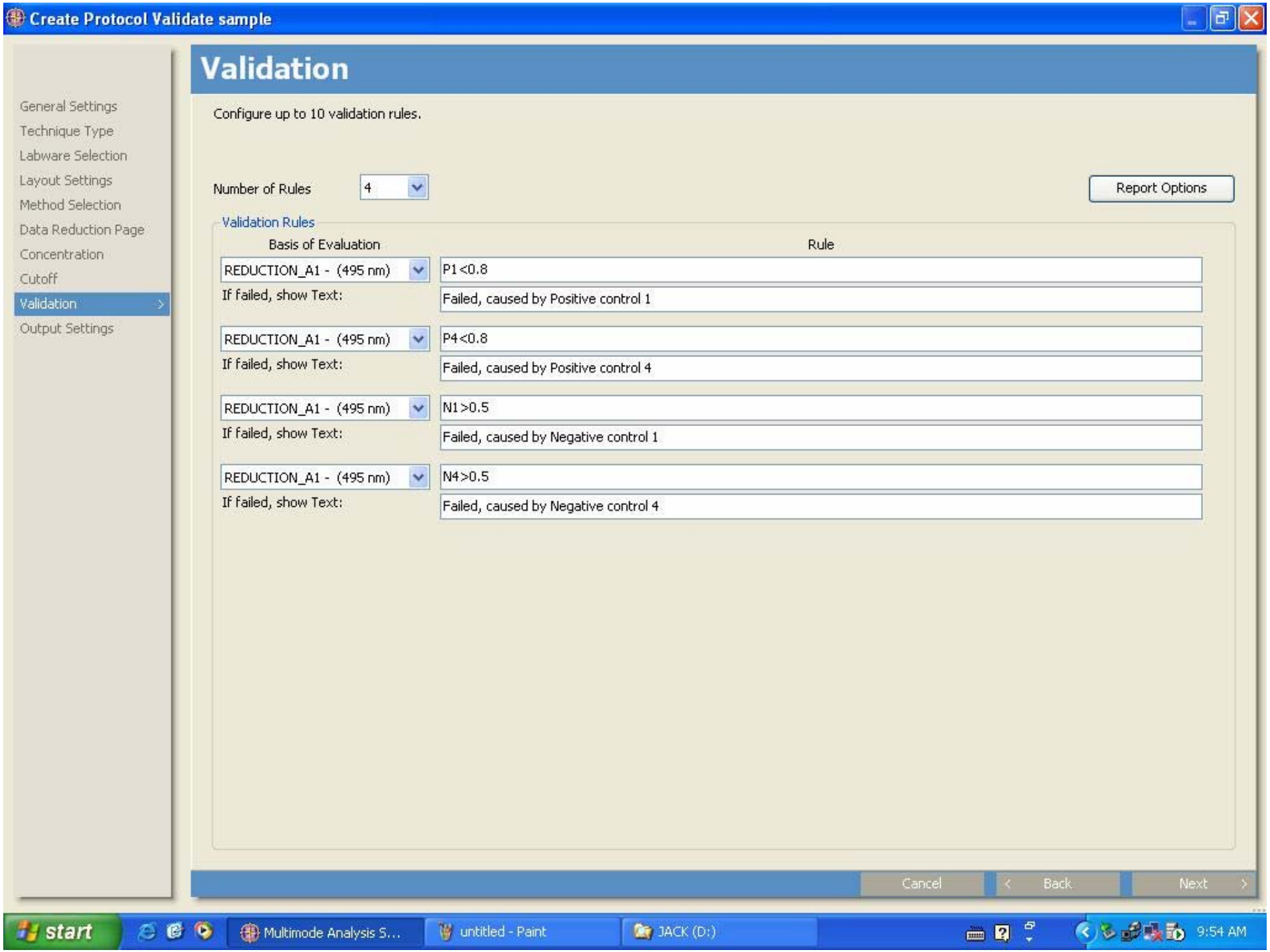

Create Protocol Validate sample
Method Selection
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Available detection and preparation methods are displayed. To add detection or preparation methods, click-and-drag the method to the protocol, or select the method and click the Add button.
Report Options
Single
Kinetic
Area Scan
Wavelength Scan
Select Method
Shake
Eject
Load
Pause
ABS-MONO (s/n 1009)
482nm
NewMethod 2
DNA 2 @977
DNA 2 @900
DNA 2 @320
DNA 2 @280
DNA 2 @260
Abs_595nm
x_Abs_Mono_495nm
260nm
x_Abs_Mono_495
x_Abs_Mono_320nm
x_Abs_Mono_382nm
x_Abs_Mono_405nm
x_Abs_Mono_280nm
x_Abs_Mono_260nm
Cartridge View
Show only runable Methods
Estimated Time
00:01:31
Group1
x_Abs_Mono_495
Abs_595nm
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:52 AM

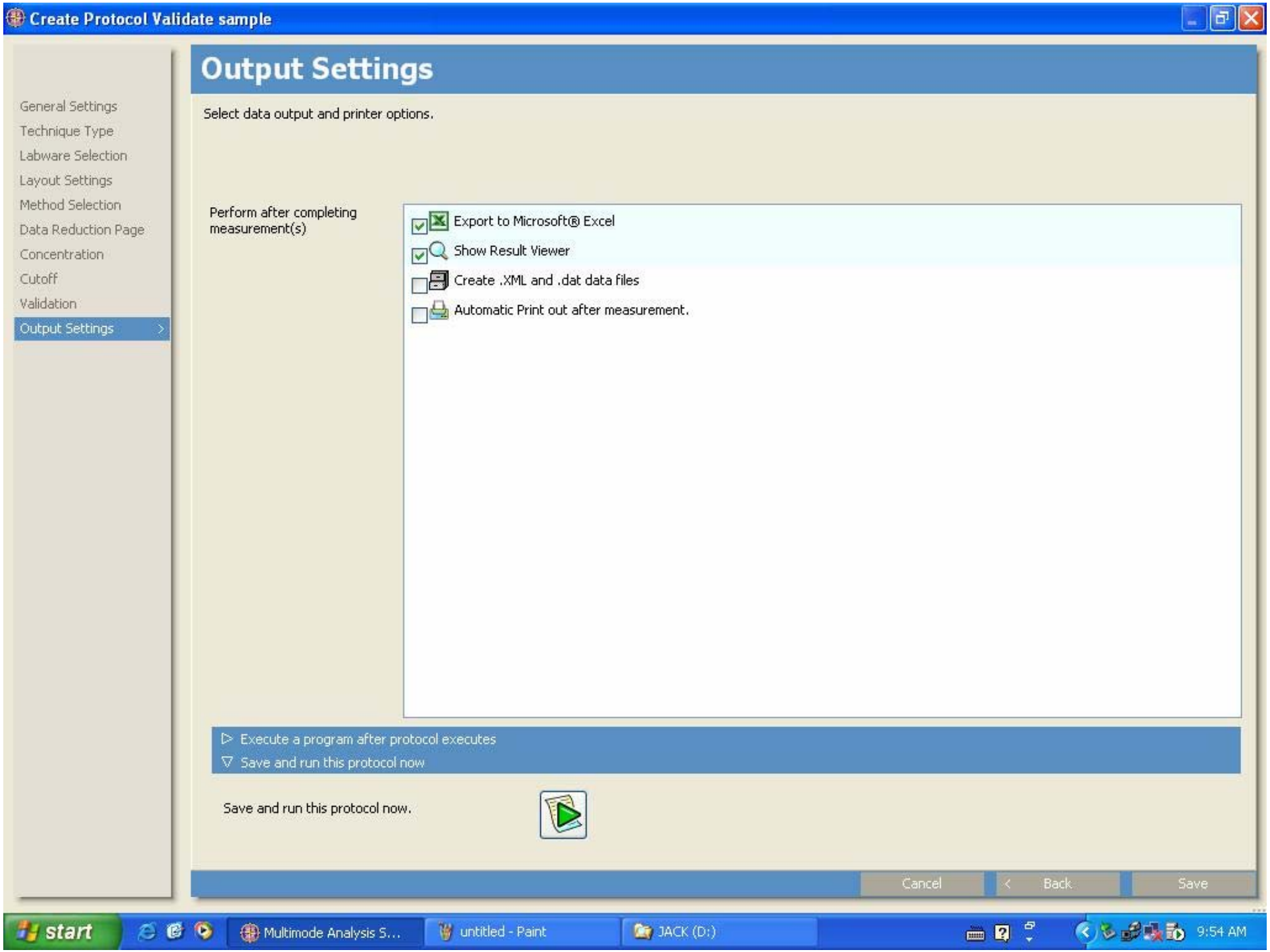

Create Protocol Validate sample
Data Reduction Page
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Press F1 for more information about data reduction functions and formulas.
Report Options
Group1
A = x_Abs_Mono_495
B = Abs_595nm
First Pass
Add new Pass
A1
REDUCTION_A1
Formula
Formula
B-A
Name of Data
Name of Units
495 nm
Notes
Apply Formula for Wells with Category
Blank
Control
Empty
Negative Control
Positive Control
Sample
Standard
Add new Item
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:52 AM

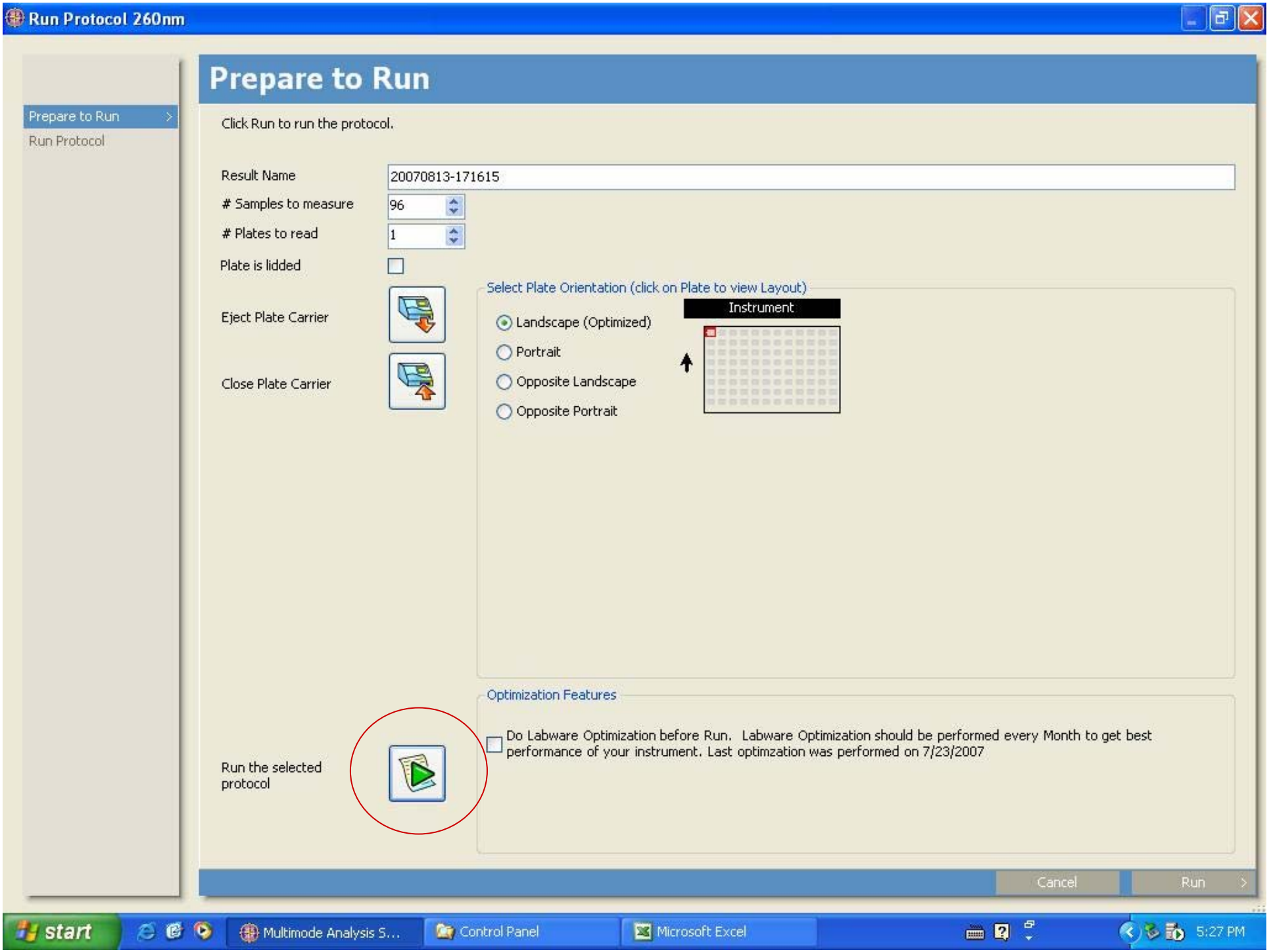

Create Protocol Validate sample
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Concentration
Choose a curve fitting method and configure response formulas and concentrations as desired.
Standard Curve
Use stored Standard Curve
Copy standard curve definition from an other protocol to this protocol
Select
Curve
Linear Regression
Number of standards
8
Extrapolation
0
%
Y-Axis
Base
REDUCTION_A1 - (495 nm)
Type
linear
X-Axis
Name
Concentration
Type
linear
Graph Setup
Validation
Report Options
Standards
Response Formula
Concentration
1 STD1 1
2 STD2 2
3 STD3 3
4 STD4 4
5 STD5 5
6 STD6 6
7 STD7 7
8 STD8 8
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:53 AM

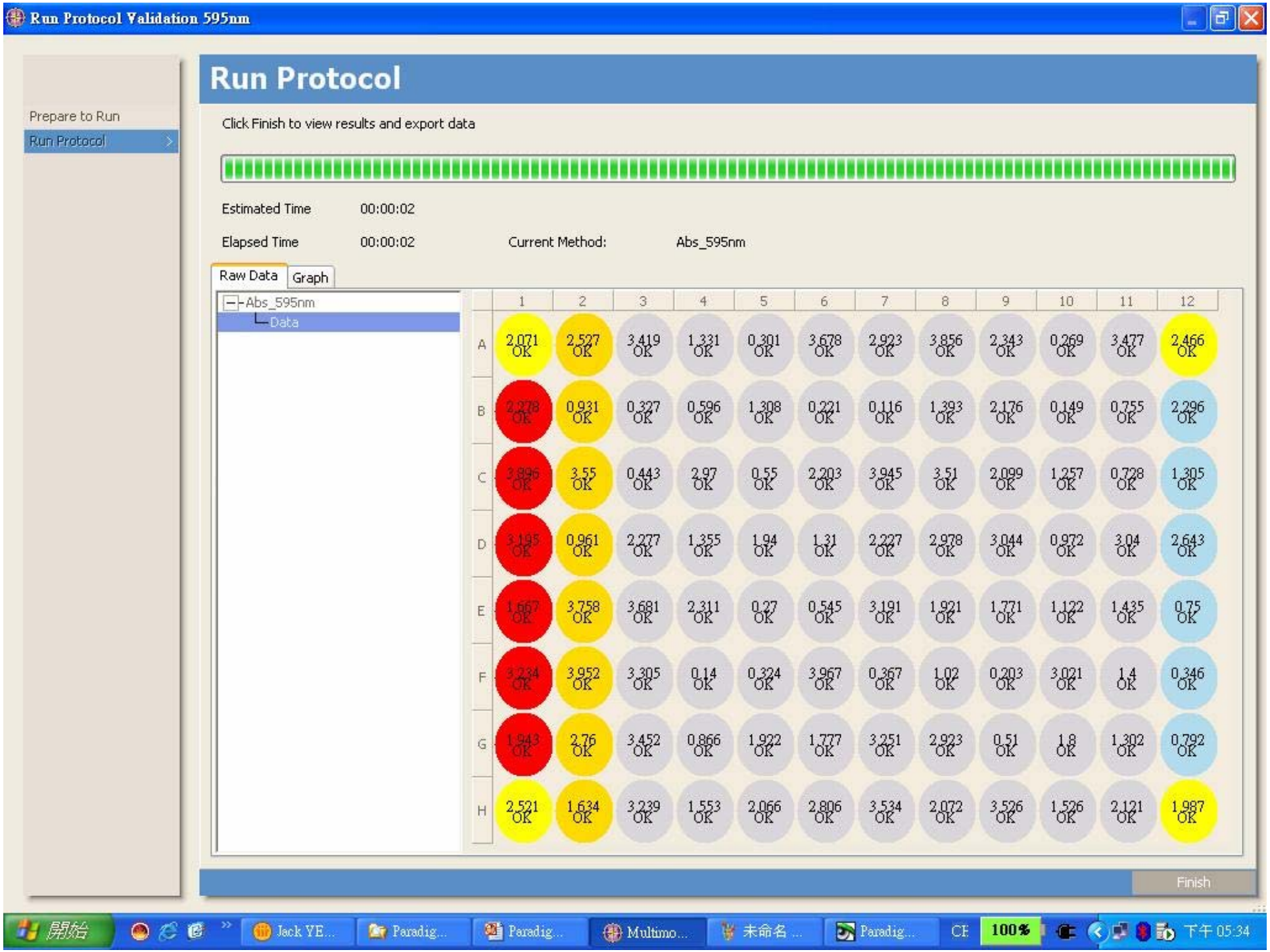

Create Protocol Validate sample
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Cutoff
Cutoff configures qualitative evaluations that classify measured samples according to defined cutoff values. Up to ten groups of samples may be classified using cutoff formulas. Groups are separated by the cutoff formulas.
Basis of Evaluation
REDUCTION_A1 - (495 nm)
Report Options
Number of Groups
2
Groups and Cutoff Formulas
Name
Max Value
Cutoff Formulas / Values
Group 2
High
0.5
Group 1
Low
0
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:53 AM


Create Protocol NewProtocol 1
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Cutoff
Output Settings
Cutoff
Cutoff configures qualitative evaluations that classify measured samples according to defined cutoff values. Up to ten groups of samples may be classified using cutoff formulas. Groups are separated by the cutoff formulas.
Basis of Evaluation
REDUCTION_A1 - (260 nm)
Report Options
Number of Groups
3
Groups and Cutoff Formulas
Name
Max Value
Cutoff Formulas / Values
Group 3
High
1.8
Group 2
Normal
1.2
Group 1
Low
0
Cancel
Back
Next
start
Multimode Analysis S...
Control Panel
10:09 AM


Create Protocol Validate sample
Validation
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Configure up to 10 validation rules.
Number of Rules
4
Report Options
Validation Rules
Basis of Evaluation
Rule
REDUCTION_A1 - (495 nm)
P1<0.8
If failed, show Text:
Failed, caused by Positive control 1
REDUCTION_A1 - (495 nm)
P4<0.8
If failed, show Text:
Failed, caused by Positive control 4
REDUCTION_A1 - (495 nm)
N1>0.5
If failed, show Text:
Failed, caused by Negative control 1
REDUCTION_A1 - (495 nm)
N4>0.5
If failed, show Text:
Failed, caused by Negative control 4
Cancel
Back
Next
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:54 AM


Create Protocol Validate sample
Output Settings
General Settings
Technique Type
Labware Selection
Layout Settings
Method Selection
Data Reduction Page
Concentration
Cutoff
Validation
Output Settings
Select data output and printer options.
Perform after completing measurement(s)
Export to Microsoft® Excel
Show Result Viewer
Create .XML and .dat data files
Automatic Print out after measurement.
Execute a program after protocol executes
Save and run this protocol now
Save and run this protocol now.
Cancel
Back
Save
start
Multimode Analysis S...
untitled - Paint
JACK (D:)
9:54 AM


Run Protocol 260nm
Prepare to Run
Prepare to Run
Run Protocol
Click Run to run the protocol.
Result Name
20070813-171615
Samples to measure
96
Plates to read
1
Plate is lidded
Eject Plate Carrier
Close Plate Carrier
Select Plate Orientation (click on Plate to view Layout)
Instrument
Landscape (Optimized)
Portrait
Opposite Landscape
Opposite Portrait
Optimization Features
Do Labware Optimization before Run. Labware Optimization should be performed every Month to get best performance of your instrument. Last optimzation was performed on 7/23/2007
Run the selected protocol
Cancel
Run
start
Multimode Analysis S...
Control Panel
Microsoft Excel
5:27 PM


Run Protocol Validation 595nm
Run Protocol
Prepare to Run
Run Protocol
Click Finish to view results and export data
Estimated Time 00:00:02
Elapsed Time 00:00:02
Current Method: Abs_595nm
Raw Data
Graph
Abs_595nm
Data
1 2 3 4 5 6 7 8 9 10 11 12
A 2.071 OK 2.527 OK 3.419 OK 1.331 OK 0.301 OK 3.678 OK 2.923 OK 3.856 OK 2.343 OK 0.269 OK 3.477 OK 2.466 OK
B 2.378 OK 0.931 OK 0.327 OK 0.596 OK 1.308 OK 0.221 OK 0.116 OK 1.393 OK 2.176 OK 0.149 OK 0.755 OK 2.296 OK
C 3.896 OK 3.55 OK 0.443 OK 2.97 OK 0.55 OK 2.203 OK 3.945 OK 3.51 OK 2.099 OK 1.257 OK 0.728 OK 1.305 OK
D 3.195 OK 0.961 OK 2.277 OK 1.355 OK 1.94 OK 1.31 OK 2.227 OK 2.978 OK 3.044 OK 0.972 OK 3.04 OK 2.643 OK
E 1.667 OK 3.758 OK 3.681 OK 2.311 OK 0.27 OK 0.545 OK 3.191 OK 1.921 OK 1.771 OK 1.122 OK 1.435 OK 0.75 OK
F 3.234 OK 3.952 OK 3.305 OK 0.14 OK 0.324 OK 3.967 OK 0.367 OK 1.02 OK 0.203 OK 3.021 OK 1.4 OK 0.346 OK
G 1.943 OK 2.76 OK 3.452 OK 0.866 OK 1.922 OK 1.777 OK 3.251 OK 2.923 OK 0.51 OK 1.8 OK 1.302 OK 0.792 OK
H 2.521 OK 1.634 OK 3.239 OK 1.553 OK 2.066 OK 2.806 OK 3.534 OK 2.072 OK 3.526 OK 1.526 OK 2.121 OK 1.987 OK
Finish
開始
Jack YE...
Paradig...
Paradig...
Multimo...
未命名 ...
Paradig...
CE
100%
下午 05:34

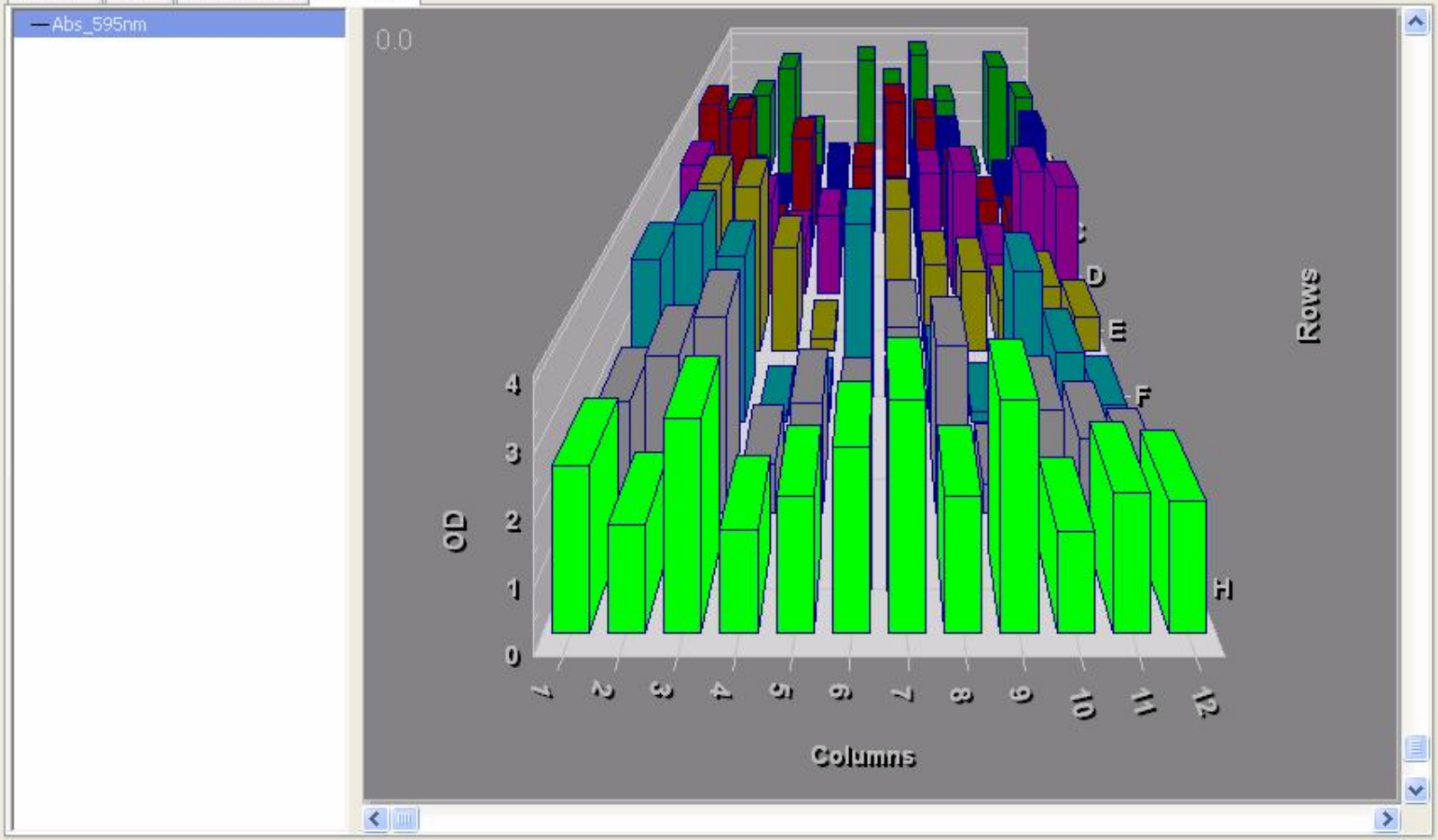
Result Viewer [20070816-173400] - PARADIGM/Simulated Data

Data

- Data
- Concentration
- Cutoff
- Validation

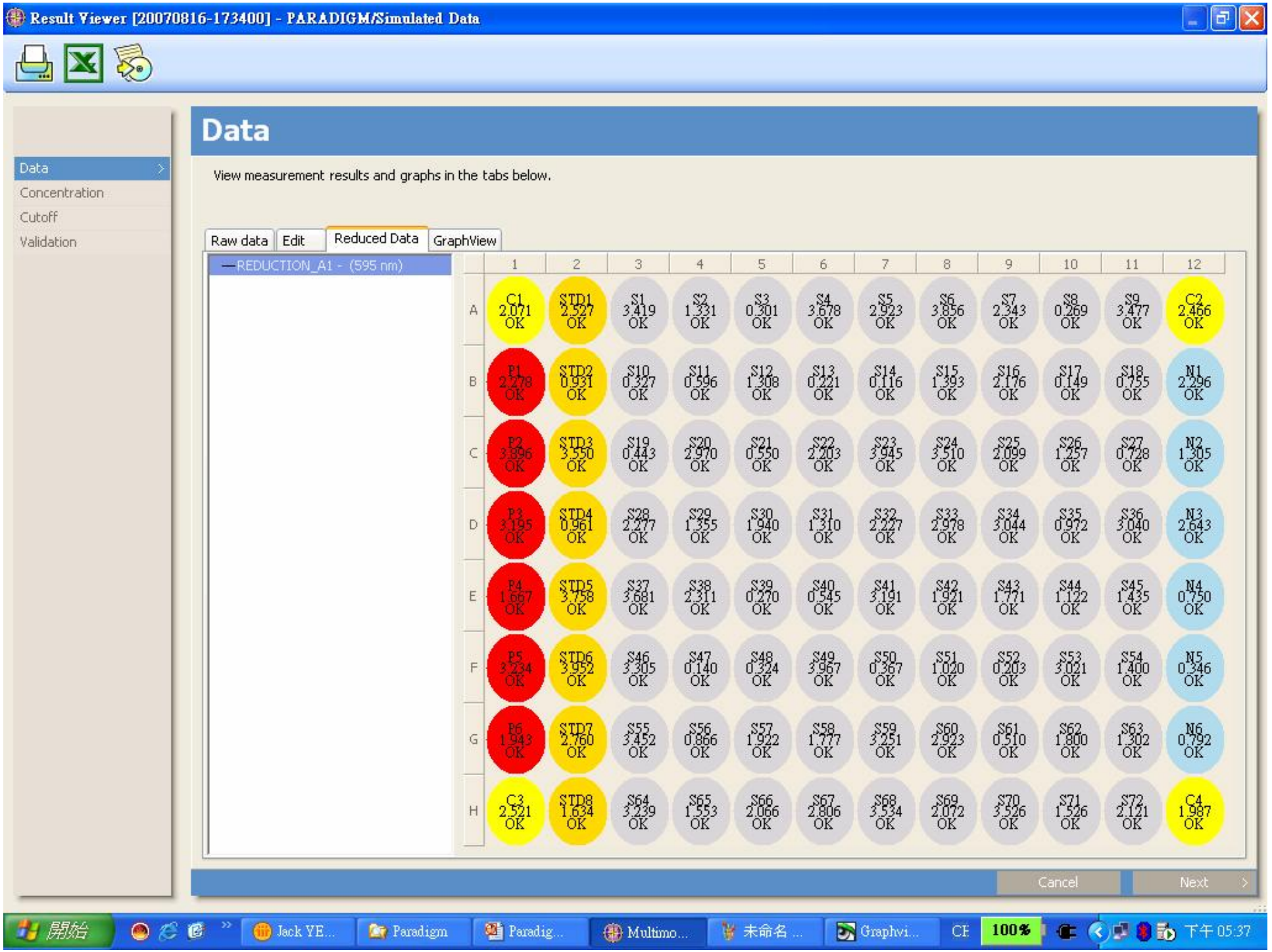
View measurement results and graphs in the tabs below.

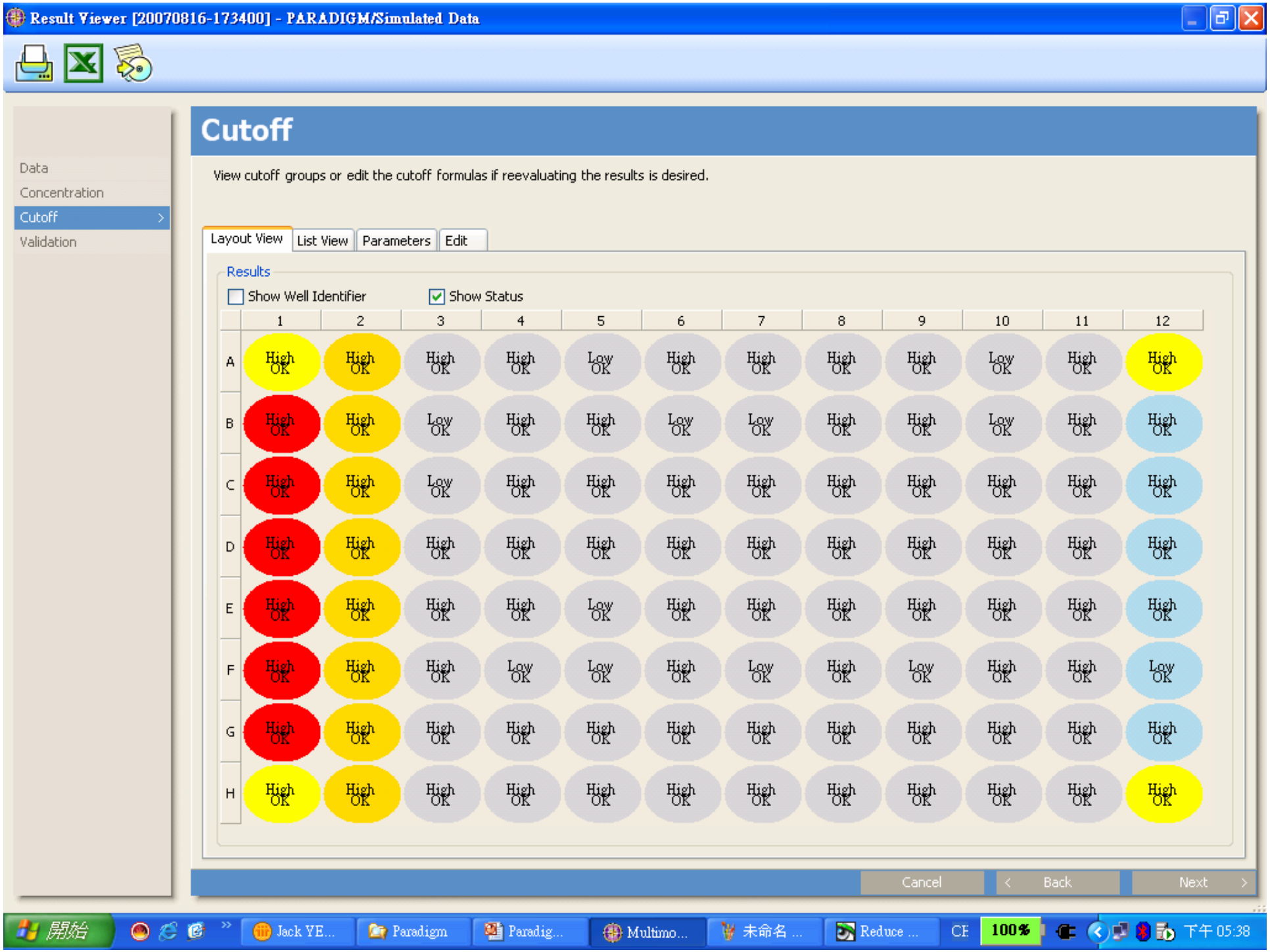
Raw data | Edit | Reduced Data | GraphView

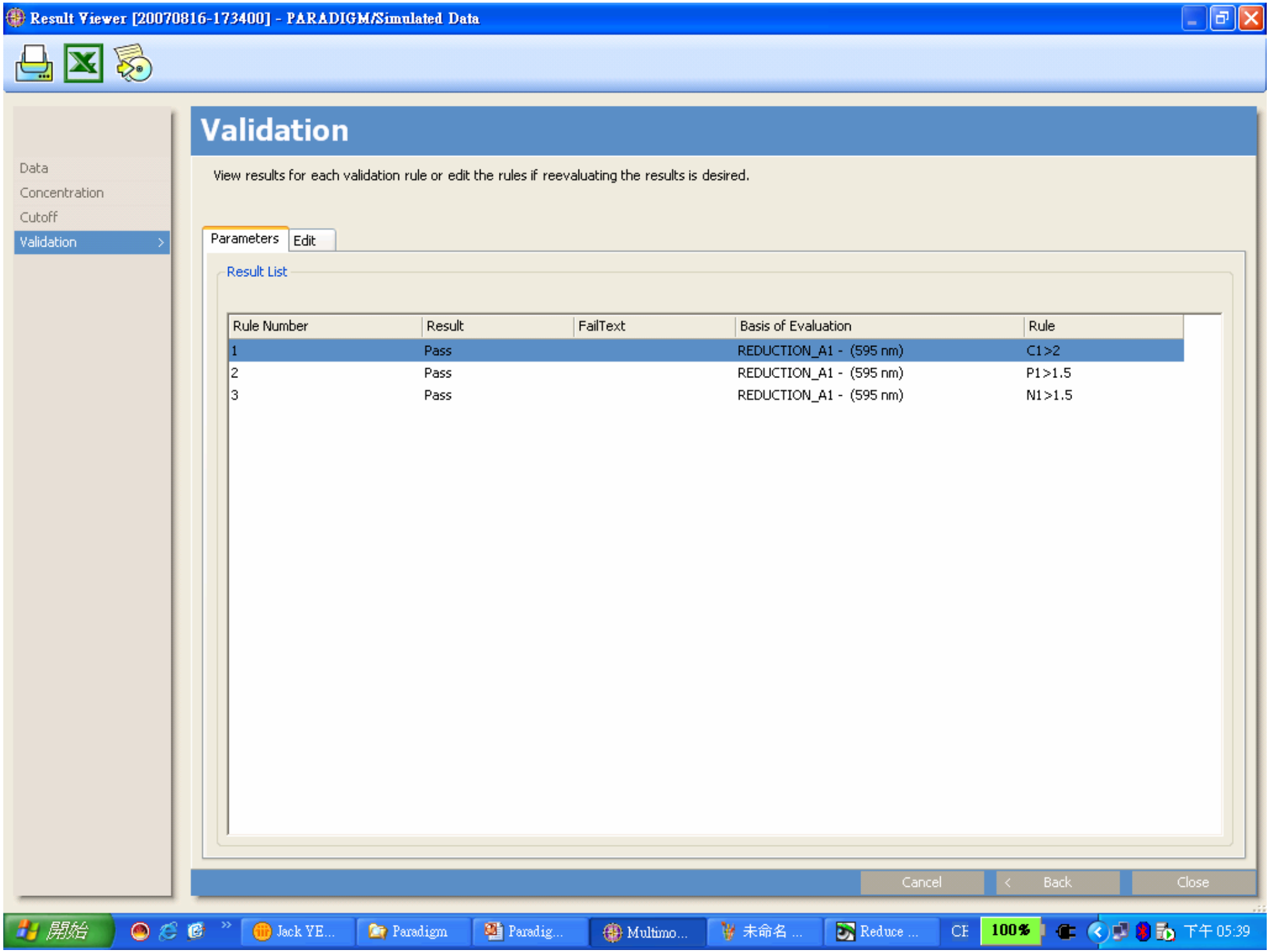


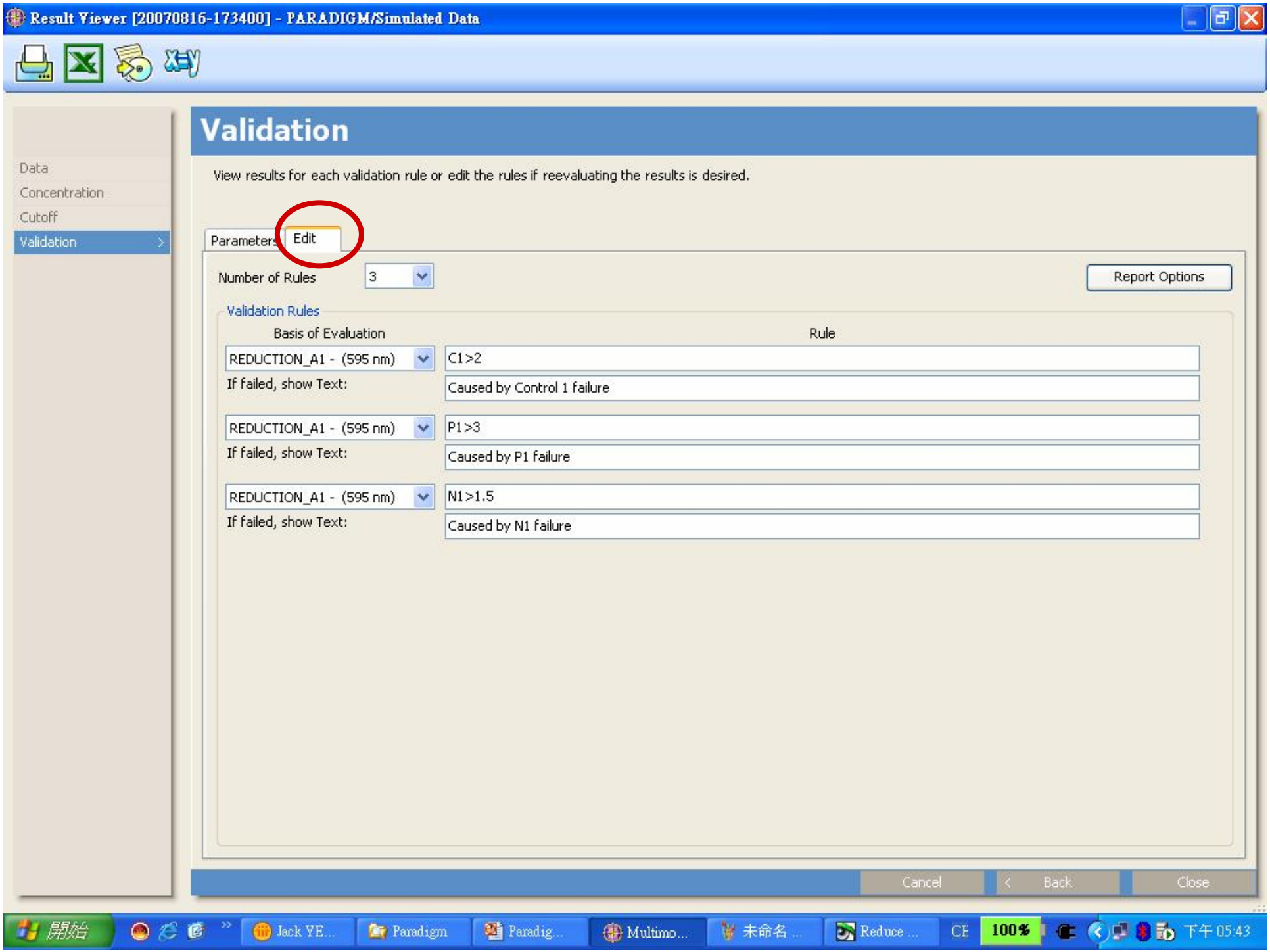
Cancel | Next

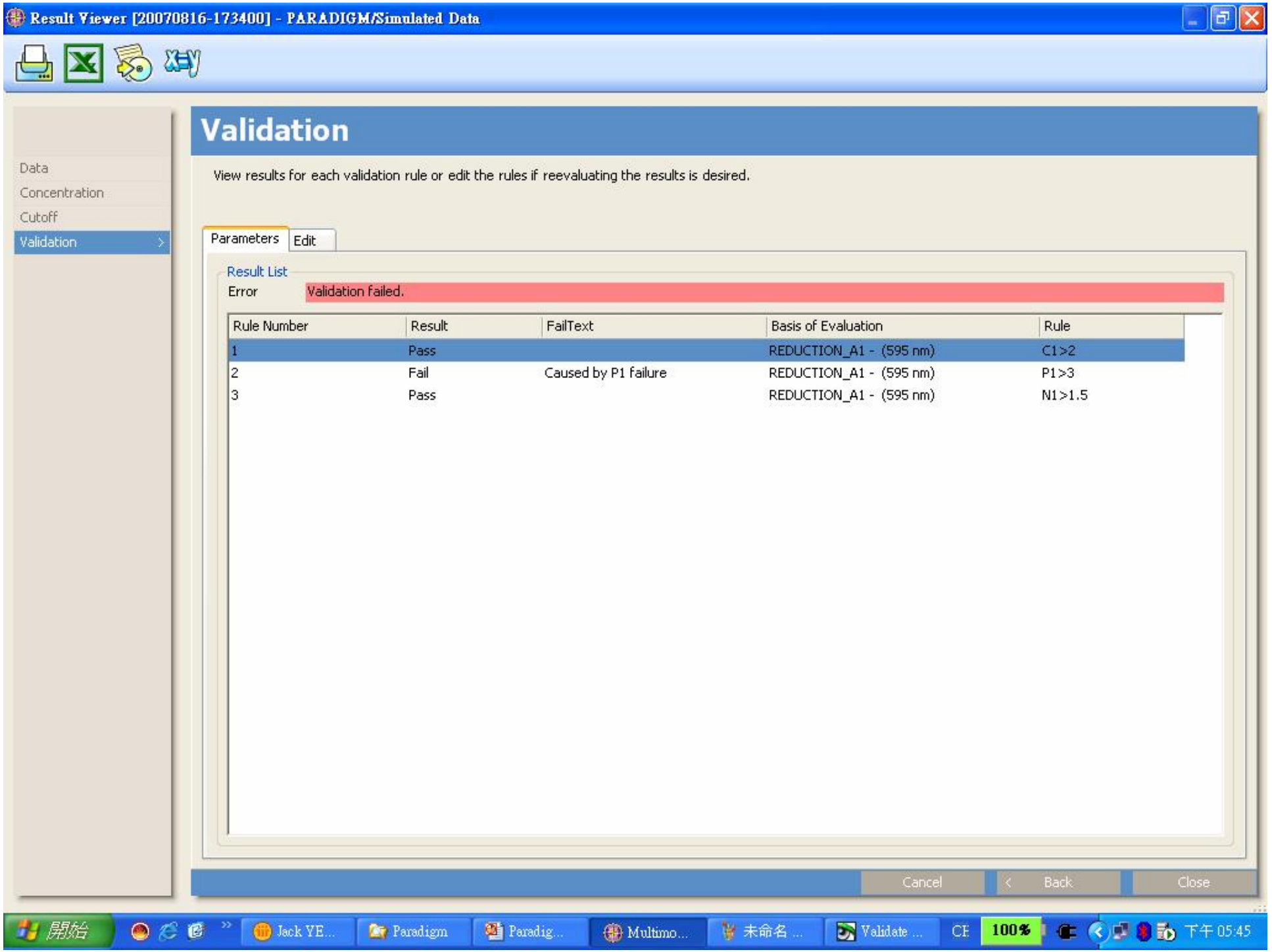
開始 | Jack YE... | Paradigm | Paradig... | Multimo... | Run prot... | Run prot... | CH | 100% | 下午 05:35

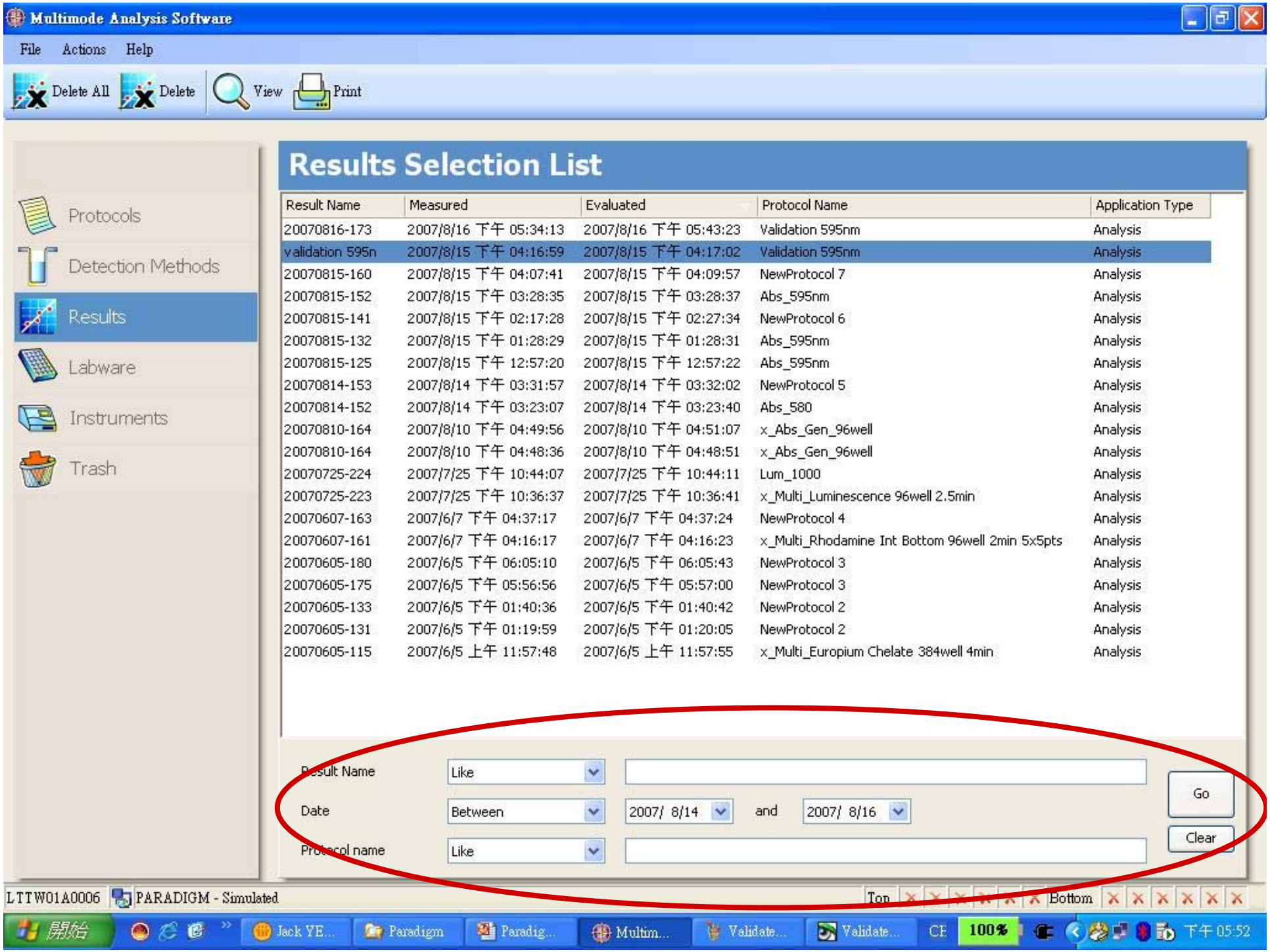

Result Viewer [20070816-173400] - PARADIGM/Simulated Data
Data
Data
Concentration
Cutoff
Validation
View measurement results and graphs in the tabs below.
Raw data
Edit
Reduced Data
GraphView
—REDUCTION_A1 - (595 nm)
1 2 3 4 5 6 7 8 9 10 11 12
A C1 2.071 OK | STD1 2.527 OK | S1 3.419 OK | S2 1.331 OK | S3 0.301 OK | S4 3.678 OK | S5 2.923 OK | S6 3.856 OK | S7 2.343 OK | S8 0.269 OK | S9 3.477 OK | C2 2.466 OK
B P1 2.278 OK | STD2 0.931 OK | S10 0.327 OK | S11 0.596 OK | S12 1.308 OK | S13 0.221 OK | S14 0.116 OK | S15 1.393 OK | S16 2.176 OK | S17 0.149 OK | S18 0.755 OK | N1 2.296 OK
C P2 3.896 OK | STD3 3.550 OK | S19 0.443 OK | S20 2.970 OK | S21 0.550 OK | S22 2.203 OK | S23 3.945 OK | S24 3.510 OK | S25 2.099 OK | S26 1.257 OK | S27 0.728 OK | N2 1.305 OK
D P3 3.195 OK | STD4 0.961 OK | S28 2.277 OK | S29 1.355 OK | S30 1.940 OK | S31 1.310 OK | S32 2.227 OK | S33 2.978 OK | S34 3.044 OK | S35 0.972 OK | S36 3.040 OK | N3 2.643 OK
E P4 1.667 OK | STD5 3.758 OK | S37 3.681 OK | S38 2.311 OK | S39 0.270 OK | S40 0.545 OK | S41 3.191 OK | S42 1.921 OK | S43 1.771 OK | S44 1.122 OK | S45 1.435 OK | N4 0.750 OK
F P5 3.234 OK | STD6 3.952 OK | S46 3.305 OK | S47 0.140 OK | S48 0.324 OK | S49 3.967 OK | S50 0.367 OK | S51 1.020 OK | S52 0.203 OK | S53 3.021 OK | S54 1.400 OK | N5 0.346 OK
G P6 1.943 OK | STD7 2.760 OK | S55 3.452 OK | S56 0.866 OK | S57 1.922 OK | S58 1.777 OK | S59 3.251 OK | S60 2.923 OK | S61 0.510 OK | S62 1.800 OK | S63 1.302 OK | N6 0.792 OK
H C3 2.521 OK | STD8 1.634 OK | S64 3.239 OK | S65 1.553 OK | S66 2.066 OK | S67 2.806 OK | S68 3.534 OK | S69 2.072 OK | S70 3.526 OK | S71 1.526 OK | S72 2.121 OK | C4 1.987 OK
Cancel
Next
開始
Jack YE...
Paradigm
Paradig...
Multimo...
未命名 ...
Graphvi...
CH
100%
下午 05:37


Result Viewer [20070816-173400] - PARADIGM/Simulated Data
Data
Concentration
Cutoff
Validation
Cutoff
View cutoff groups or edit the cutoff formulas if reevaluating the results is desired.
Layout View
List View
Parameters
Edit
Results
Show Well Identifier
Show Status
1 2 3 4 5 6 7 8 9 10 11 12
A High OK High OK High OK High OK Low OK High OK High OK High OK High OK Low OK High OK High OK
B High OK High OK Low OK High OK High OK Low OK Low OK High OK High OK Low OK High OK High OK
C High OK High OK Low OK High OK High OK High OK High OK High OK High OK High OK High OK High OK
D High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK
E High OK High OK High OK High OK Low OK High OK High OK High OK High OK High OK High OK High OK
F High OK High OK High OK Low OK Low OK High OK Low OK High OK Low OK High OK High OK Low OK
G High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK
H High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK High OK
Cancel
Back
Next
開始
Jack YE...
Paradigm
Paradig...
Multimo...
未命名 ...
Reduce ...
CE
100%
下午 05:38


Result Viewer [20070816-173400] - PARADIGM/Simulated Data
Data
Concentration
Cutoff
Validation
Validation
View results for each validation rule or edit the rules if reevaluating the results is desired.
Parameters
Edit
Result List
Rule Number
Result
FailText
Basis of Evaluation
Rule
1
Pass
REDUCTION_A1 - (595 nm)
C1>2
2
Pass
REDUCTION_A1 - (595 nm)
P1>1.5
3
Pass
REDUCTION_A1 - (595 nm)
N1>1.5
Cancel
Back
Close
開始
Jack YE...
Paradigm
Paradig...
Multimo...
未命名 ...
Reduce ...
CH
100%
下午 05:39


Result Viewer [20070816-173400] - PARADIGM/Simulated Data
Validation
Data
Concentration
Cutoff
Validation
View results for each validation rule or edit the rules if reevaluating the results is desired.
Parameters
Edit
Number of Rules
3
Report Options
Validation Rules
Basis of Evaluation
Rule
REDUCTION_A1 - (595 nm)
C1>2
If failed, show Text:
Caused by Control 1 failure
REDUCTION_A1 - (595 nm)
P1>3
If failed, show Text:
Caused by P1 failure
REDUCTION_A1 - (595 nm)
N1>1.5
If failed, show Text:
Caused by N1 failure
Cancel
Back
Close
開始
Jack YE...
Paradigm
Paradig...
Multimo...
未命名 ...
Reduce ...
CE
100%
下午 05:43


Result Viewer [20070816-173400] - PARADIGM/Simulated Data
Validation
Data
Concentration
Cutoff
Validation
View results for each validation rule or edit the rules if reevaluating the results is desired.
Parameters
Edit
Result List
Error
Validation failed.
Rule Number
Result
FailText
Basis of Evaluation
Rule
1
Pass
REDUCTION_A1 - (595 nm)
C1>2
2
Fail
Caused by P1 failure
REDUCTION_A1 - (595 nm)
P1>3
3
Pass
REDUCTION_A1 - (595 nm)
N1>1.5
Cancel
Back
Close
開始
Jack YE...
Paradigm
Paradig...
Multimo...
未命名 ...
Validate ...
CH
100%
下午 05:45


Multimode Analysis Software
File
Actions
Help
Delete All
Delete
View
Print
Protocols
Detection Methods
Results
Labware
Instruments
Trash
Results Selection List
Result Name | Measured | Evaluated | Protocol Name | Application Type
20070816-173 | 2007/8/16 下午 05:34:13 | 2007/8/16 下午 05:43:23 | Validation 595nm | Analysis
validation 595n | 2007/8/15 下午 04:16:59 | 2007/8/15 下午 04:17:02 | Validation 595nm | Analysis
20070815-160 | 2007/8/15 下午 04:07:41 | 2007/8/15 下午 04:09:57 | NewProtocol 7 | Analysis
20070815-152 | 2007/8/15 下午 03:28:35 | 2007/8/15 下午 03:28:37 | Abs_595nm | Analysis
20070815-141 | 2007/8/15 下午 02:17:28 | 2007/8/15 下午 02:27:34 | NewProtocol 6 | Analysis
20070815-132 | 2007/8/15 下午 01:28:29 | 2007/8/15 下午 01:28:31 | Abs_595nm | Analysis
20070815-125 | 2007/8/15 下午 12:57:20 | 2007/8/15 下午 12:57:22 | Abs_595nm | Analysis
20070814-153 | 2007/8/14 下午 03:31:57 | 2007/8/14 下午 03:32:02 | NewProtocol 5 | Analysis
20070814-152 | 2007/8/14 下午 03:23:07 | 2007/8/14 下午 03:23:40 | Abs_580 | Analysis
20070810-164 | 2007/8/10 下午 04:49:56 | 2007/8/10 下午 04:51:07 | x_Abs_Gen_96well | Analysis
20070810-164 | 2007/8/10 下午 04:48:36 | 2007/8/10 下午 04:48:51 | x_Abs_Gen_96well | Analysis
20070725-224 | 2007/7/25 下午 10:44:07 | 2007/7/25 下午 10:44:11 | Lum_1000 | Analysis
20070725-223 | 2007/7/25 下午 10:36:37 | 2007/7/25 下午 10:36:41 | x_Multi_Luminescence 96well 2.5min | Analysis
20070607-163 | 2007/6/7 下午 04:37:17 | 2007/6/7 下午 04:37:24 | NewProtocol 4 | Analysis
20070607-161 | 2007/6/7 下午 04:16:17 | 2007/6/7 下午 04:16:23 | x_Multi_Rhodamine Int Bottom 96well 2min 5x5pts | Analysis
20070605-180 | 2007/6/5 下午 06:05:10 | 2007/6/5 下午 06:05:43 | NewProtocol 3 | Analysis
20070605-175 | 2007/6/5 下午 05:56:56 | 2007/6/5 下午 05:57:00 | NewProtocol 3 | Analysis
20070605-133 | 2007/6/5 下午 01:40:36 | 2007/6/5 下午 01:40:42 | NewProtocol 2 | Analysis
20070605-131 | 2007/6/5 下午 01:19:59 | 2007/6/5 下午 01:20:05 | NewProtocol 2 | Analysis
20070605-115 | 2007/6/5 上午 11:57:48 | 2007/6/5 上午 11:57:55 | x_Multi_Europium Chelate 384well 4min | Analysis
Result Name
Like
Date
Between
2007/ 8/14
and
2007/ 8/16
Protocol name
Like
Go
Clear
LTTW01A0006
PARADIGM - Simulated
Top
Bottom
開始
Jack YE...
Paradigm
Paradig...
Multim...
Validate...
Validate...
CE
100%
下午 05:52

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