

# Roche LC480 Melt Export Instructions for uAnalyze



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Experiment

Subset Editor

Sample Editor

Analysis

Report

Sum.

Run Protocol

Data

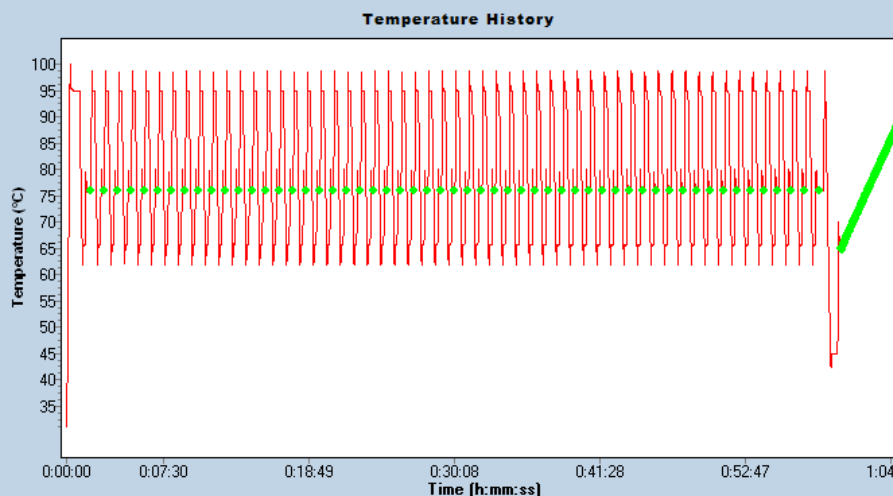
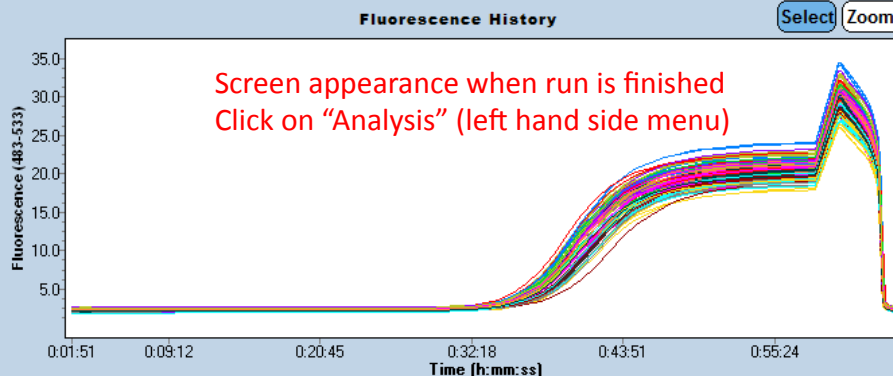
Run Notes

Run complete...

Subset: All Samples

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
* D												
E												
F												
G												
H												

Color	Pos	Name
Blue	A1	Sample 1
Red	A2	Sample 2
Green	A3	Sample 3
Magenta	A4	Sample 4
Grey	A5	Sample 5
Yellow	A6	Sample 6
Brown	A7	Sample 7
Cyan	A8	Sample 8
Black	A9	Sample 9
Orange	A10	Sample 10
Purple	A11	Sample 11
Olive	A12	Sample 12
Blue	B1	Sample 13
Red	B2	Sample 14
Green	B3	Sample 15
Magenta	B4	Sample 16



Color Comp (Off) End Program + 10 Cycles Start Run



Information 9/12/2012 1:20:19 PM Instrument Warm Up. This may take several minutes.  
Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.



Show desktop



Experiment

Subset Editor

Sample Editor

Analysis

Report

Sum.

Analyses Overview

- Create New Analysis
- Abs Quant/2nd Derivative Max
- Abs Quant/Fit Points
- Advanced Relative Quantification
- Basic Relative Quantification
- Color Compensation
- Endpoint Genotyping
- Melt Curve Genotyping
- Tm Calling

<< Choose "Melt Curve Genotyping"



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Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.



Experiment

Subset Editor

Sample Editor

Analysis

Report

Sum.

Analyses Overview

Create New Analysis

- Abs Quant/2nd Derivative Max
- Abs Quant/Fit Points
- Advanced Relative Quantification
- Basic Relative Quantification
- Color Compensation
- Endpoint Genotyping
- Melt Curve Genotyping
- Tm Calling

Create new analysis

Analysis Type \* Melt Curve Genotyping

Subset \* All Samples

Program \* HR melt

Name \* Melt Curve Genotyping for All Sample

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												



Click on "✓"



Information 9/12/2012 1:20:19 PM Instrument Warm Up. This may take several minutes.  
Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.



LightCycler® 480 Software release 1.5.1.62

Instrument: IT LC480 / Standby (MWP loaded) Database: My Computer (Research) User: Jana

Window: ACADM Ex5 WT and 351AtoC Hets LC480

Analyses: Melt Curve Genotyping for All Samples (1)

Information: Program: HR melt, Color Compensation: Off, Standard: Auto Group

Subset: All

Fluorescence (483-533) vs Temperature (°C) - Melting Curves

Fluorescence (483-533) vs Temperature (°C) - Melting Peaks

Results Groups Settings

Include	Color	Pos	Name
<input checked="" type="checkbox"/>			A1 Sample 1
<input checked="" type="checkbox"/>			A2 Sample 2
<input checked="" type="checkbox"/>			A3 Sample 3
<input checked="" type="checkbox"/>			A4 Sample 4
<input checked="" type="checkbox"/>			A5 Sample 5
<input checked="" type="checkbox"/>			A6 Sample 6
<input checked="" type="checkbox"/>			A7 Sample 7
<input checked="" type="checkbox"/>			A8 Sample 8
<input checked="" type="checkbox"/>			A9 Sample 9
<input checked="" type="checkbox"/>			A10 Sample 10
<input checked="" type="checkbox"/>			A11 Sample 11
<input checked="" type="checkbox"/>			A12 Sample 12
<input checked="" type="checkbox"/>			B1 Sample 13
<input checked="" type="checkbox"/>			B2 Sample 14

Select all the samples (if not selected automatically)

Apply Template Notes Calculate Color Comp (Off) Filter Comb 483-533 Standards (Auto Group)

Information 9/12/2012 1:20:19 PM Instrument Warm Up. This may take several minutes.  
 Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.



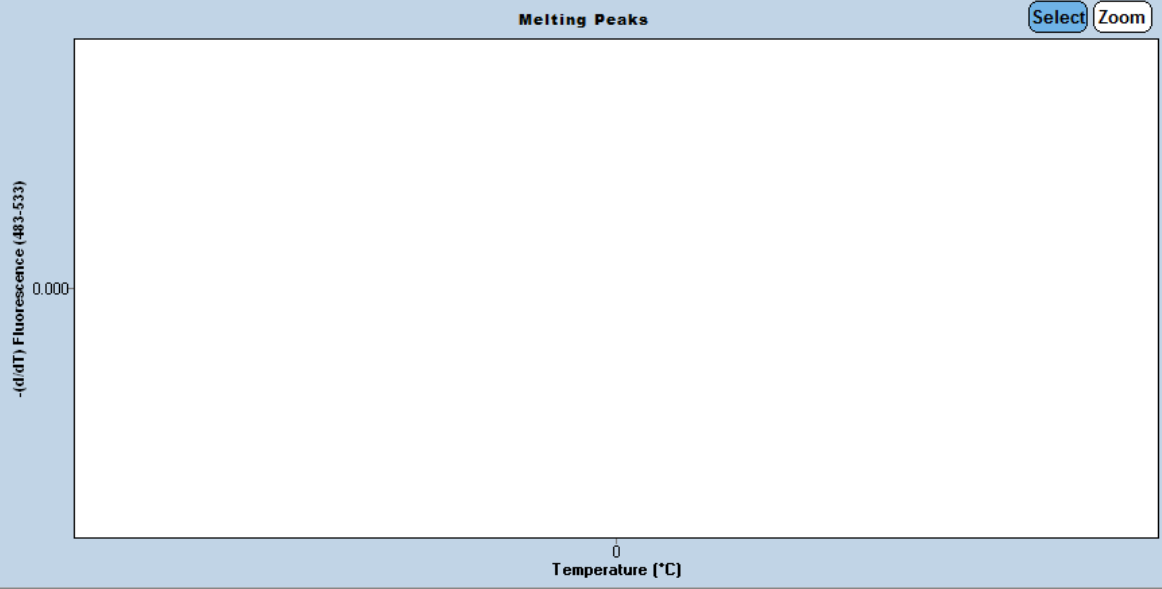
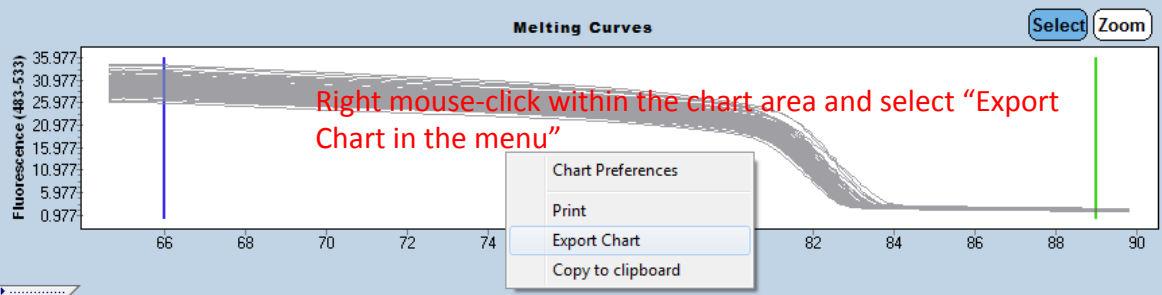


- Experiment
- Subset Editor
- Sample Editor
- Analysis
- Report
- Sum.

Analyses: Melt Curve Genotyping for All Samples (1)  
Information: Program: HR melt, Color Compensation: Off, Standard: Auto Group

Subset: All

1	2	3	4	5	6	7	8	9	10	11	12
A											
B											
C											
D											
E											
F											
G											
H											



Results Groups Settings

Include	Color	Pos	Name
<input checked="" type="checkbox"/>		A1	Sample 1
<input checked="" type="checkbox"/>		A2	Sample 2
<input checked="" type="checkbox"/>		A3	Sample 3
<input checked="" type="checkbox"/>		A4	Sample 4
<input checked="" type="checkbox"/>		A5	Sample 5
<input checked="" type="checkbox"/>		A6	Sample 6
<input checked="" type="checkbox"/>		A7	Sample 7
<input checked="" type="checkbox"/>		A8	Sample 8
<input checked="" type="checkbox"/>		A9	Sample 9
<input checked="" type="checkbox"/>		A10	Sample 10
<input checked="" type="checkbox"/>		A11	Sample 11
<input checked="" type="checkbox"/>		A12	Sample 12
<input checked="" type="checkbox"/>		B1	Sample 13
<input checked="" type="checkbox"/>		B2	Sample 14

Apply Template Notes Calculate Color Comp (Off) Filter Comb 483-533 Standards (Auto Group)

Information 9/12/2012 1:20:19 PM Instrument Warm Up. This may take several minutes.  
Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.

- Home
- Key
- Structure
- Navigation
- Save
- Undo
- Cancel
- Print
- Tools





Experiment

Analyses Melt Curve Genotyping for All Samples (1)

Subset Editor

Information Program: HR melt, Color Compensation: Off, Standard: Auto Group

Sample Editor

Subset: All

1	2	3	4	5	6	7	8	9	10	11	12
A											
B											
C											
D											
E											
F											
G											
H											

Analysis

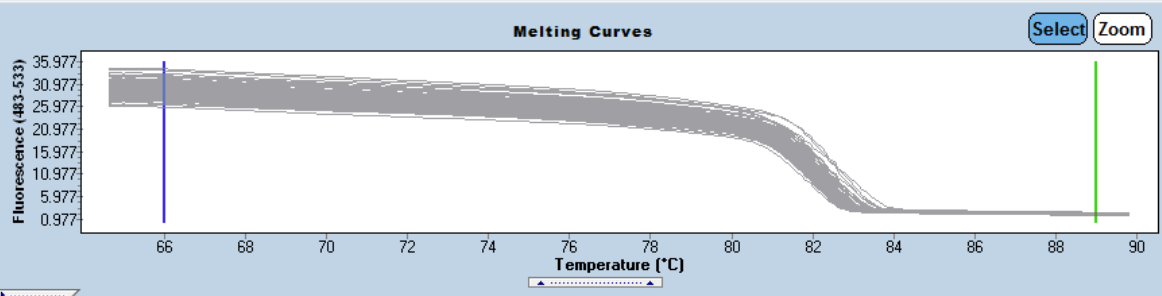
Report Melt Curve Genotyping res

Sum.

Color selection buttons: 1 (blue), 2 (red), 3 (green), 4 (magenta), 5 (grey), 6 (yellow), Unknown (dark red), Negative (cyan)

Results Groups Settings

Include	Color	Pos	Name
<input checked="" type="checkbox"/>		A1	Sample 1
<input checked="" type="checkbox"/>		A2	Sample 2
<input checked="" type="checkbox"/>		A3	Sample 3
<input checked="" type="checkbox"/>		A4	Sample 4
<input checked="" type="checkbox"/>		A5	Sample 5
<input checked="" type="checkbox"/>		A6	Sample 6
<input checked="" type="checkbox"/>		A7	Sample 7
<input checked="" type="checkbox"/>		A8	Sample 8
<input checked="" type="checkbox"/>		A9	Sample 9
<input checked="" type="checkbox"/>		A10	Sample 10
<input checked="" type="checkbox"/>		A11	Sample 11
<input checked="" type="checkbox"/>		A12	Sample 12
<input checked="" type="checkbox"/>		B1	Sample 13
<input checked="" type="checkbox"/>		B2	Sample 14



Export chart dialog box with 'Data' tab selected. A red text overlay says 'Click on "Data"'. The dialog includes options for Series (all), Format (Text, XML, HTML Table), and checkboxes for Point Index, Point Labels, and Header. It also has Delimiter (Tab) and Text Quotes options, and a Filename field.

Buttons: New Call, Apply, Show Standards, Color Comp (Off), Filter Comb 483-533, Standards (Auto Group)



Information 9/12/2012 1:20:19 PM Instrument Warm Up. This may take several minutes.  
Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.



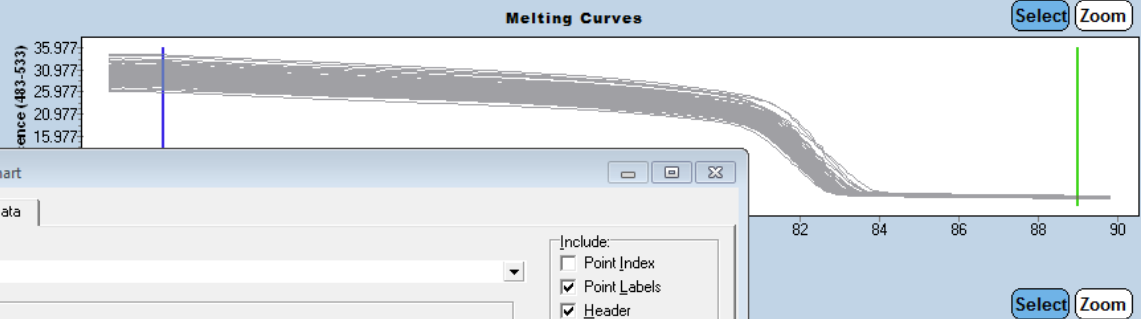
- Experiment
- Subset Editor
- Sample Editor
- Analysis
- Report
- Sum.

Analyses Melt Curve Genotyping for All Samples (1)

Information Program: HR melt, Color Compensation: Off, Standard: Auto Group

Subset: All

1	2	3	4	5	6	7	8	9	10	11	12
A											
B											
C											
D											
E											
F											
G											
H											



Export chart

Picture Data

Series: (all)

Format:
 

- Text
- XML
- HTML Table

Include:
 

- Point Index
- Point Labels
- Header

Delimiter: Tab

Text Quotes:

Filename:

Select output file

Select output file

Save in: 9-12-12

Name	Date modified	Type
9-12-12-1	9/12/2012 10:31 AM	Text Docu
9-12-12-2-Triso	9/12/2012 12:36 PM	Text Docu

File name:

Results Groups Settings

Samples

Include	Color	Pos	Name
<input checked="" type="checkbox"/>		A1	Sample 1
<input checked="" type="checkbox"/>		A2	Sample 2
<input checked="" type="checkbox"/>		A3	Sample 3
<input checked="" type="checkbox"/>		A4	Sample 4
<input checked="" type="checkbox"/>		A5	Sample 5
<input checked="" type="checkbox"/>		A6	Sample 6
<input checked="" type="checkbox"/>		A7	Sample 7
<input checked="" type="checkbox"/>		A8	Sample 8
<input checked="" type="checkbox"/>		A9	Sample 9
<input checked="" type="checkbox"/>		A10	Sample 10
<input checked="" type="checkbox"/>		A11	Sample 11
<input checked="" type="checkbox"/>		A12	Sample 12
<input checked="" type="checkbox"/>		B1	Sample 13
<input checked="" type="checkbox"/>		B2	Sample 14

Apply Template Notes Calculate

Information 9/12/2012 1:20:19 PM Instrument Warm Up. This may take several minutes.

Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.





Experiment

Analyses Melt Curve Genotyping for All Samples (1)

Subset Editor

Subset: All

Sample Editor

1	2	3	4	5	6	7	8	9	10	11	12
A											
B											
C											
D											
E											
F											
G											
H											

Analysis

Report

Sum.

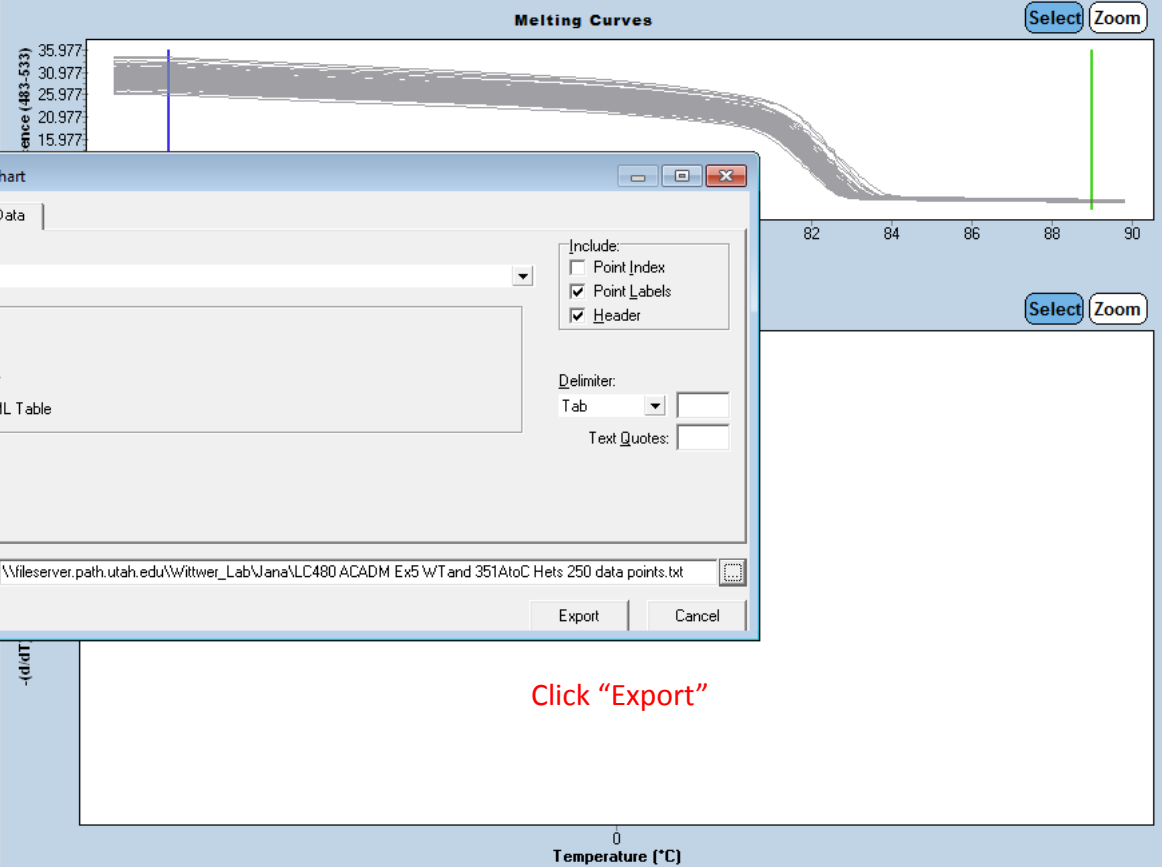
Melt Curve Genotyping

- 1
- 2
- 3
- 4
- 5
- 6
- Unknown
- Negat

Results Groups Settings

Samples

Include	Color	Pos	Name
<input checked="" type="checkbox"/>		A1	Sample 1
<input checked="" type="checkbox"/>		A2	Sample 2
<input checked="" type="checkbox"/>		A3	Sample 3
<input checked="" type="checkbox"/>		A4	Sample 4
<input checked="" type="checkbox"/>		A5	Sample 5
<input checked="" type="checkbox"/>		A6	Sample 6
<input checked="" type="checkbox"/>		A7	Sample 7
<input checked="" type="checkbox"/>		A8	Sample 8
<input checked="" type="checkbox"/>		A9	Sample 9
<input checked="" type="checkbox"/>		A10	Sample 10
<input checked="" type="checkbox"/>		A11	Sample 11
<input checked="" type="checkbox"/>		A12	Sample 12
<input checked="" type="checkbox"/>		B1	Sample 13
<input checked="" type="checkbox"/>		B2	Sample 14



Export chart

Picture Data

Series: (all)

Format:
 

- Text
- XML
- HTML Table

Include:
 

- Point Index
- Point Labels
- Header

Delimiter: Tab

Text Quotes:

Filename: \\fileserv.path.utah.edu\Wittwer\_Lab\Jana\LC480 ACADM Ex5 WT and 351AtoC Hets 250 data points.txt

Export Cancel

Click "Export"

New Call Apply Show Standards

Apply Template

Notes

Calculate

Color Comp (Off)

Filter Comb 483-533

Standards (Auto Group)



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Information 9/12/2012 1:22:25 PM Instrument Warm Up finished.

