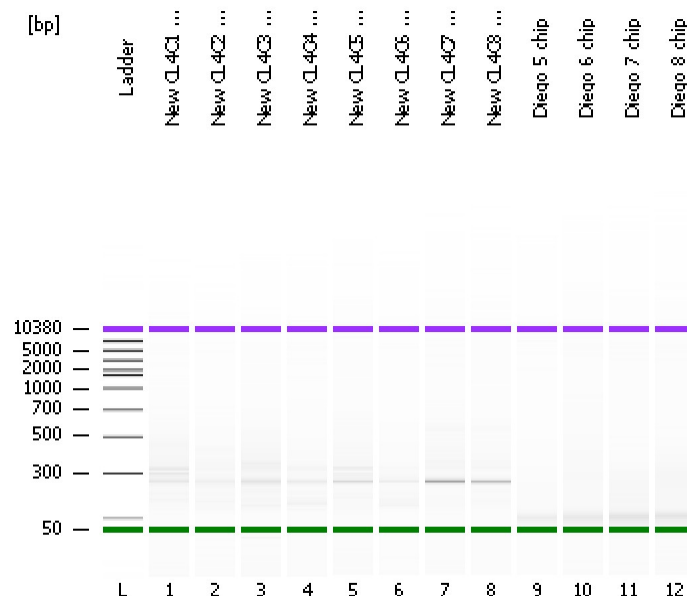


Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 7500 Series II.xsy

Assay Class: DNA 7500

Version: 2.3

Assay Comments: DNA Analysis 100 -7500 bp

© Copyright 2003-2009 Agilent Technologies, Inc.

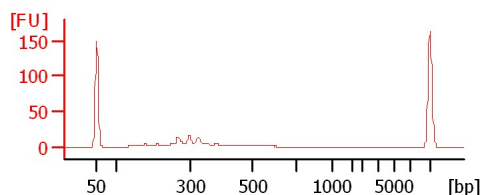
Chip Information:

Chip Lot #:

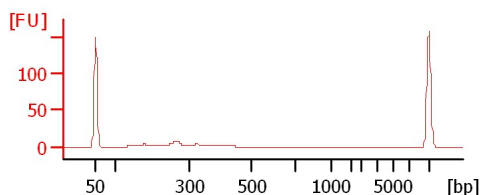
Reagent Kit Lot #:

Chip Comments:

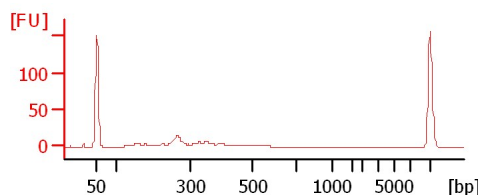
New CL4C1 Amplicon Initial Sample



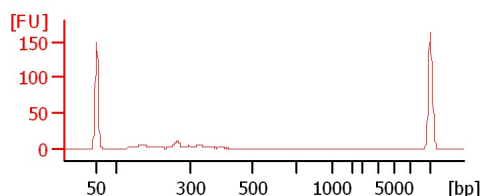
New CL4C2 Amplicon Initial Sample



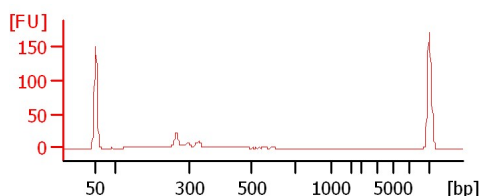
New CL4C3 Amplicon Initial Sample



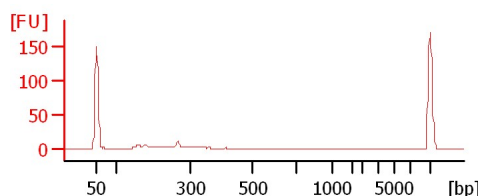
New CL4C4 Amplicon Initial Sample



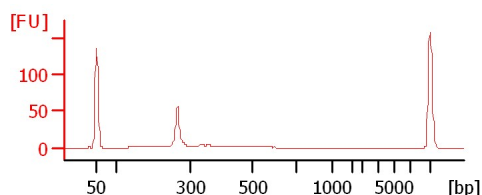
New CL4C5 Amplicon Initial Sample



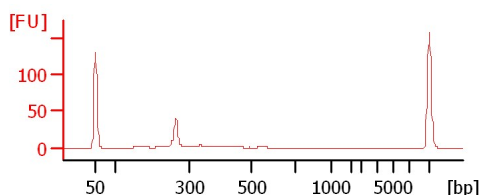
New CL4C6 Amplicon Initial Sample



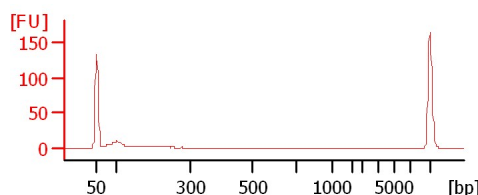
New CL4C7 Amplicon Initial Sample



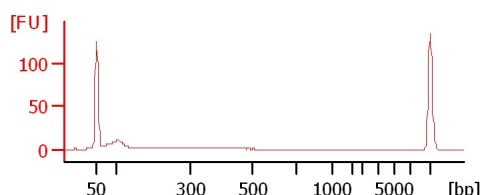
New CL4C8 Amplicon Initial Sample



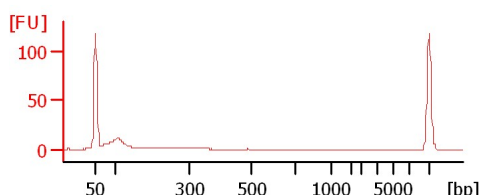
Diego 5 chip



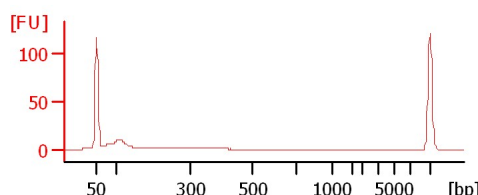
Diego 6 chip



Diego 7 chip



Diego 8 chip



Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
New CL4C1 Amplicon		☐	✓			
Initial Sample						
New CL4C2 Amplicon		☐	✓			
Initial Sample						
New CL4C3 Amplicon		☐	✓			
Initial Sample						
New CL4C4 Amplicon		☐	✓			
Initial Sample						
New CL4C5 Amplicon		☐	✓			
Initial Sample						
New CL4C6 Amplicon		☐	✓			
Initial Sample						
New CL4C7 Amplicon		☐	✓			
Initial Sample						
New CL4C8 Amplicon		☐	✓			
Initial Sample						
Diego 5 chip		☐	✓			
Diego 6 chip		☐	✓			
Diego 7 chip		☐	✓			
Diego 8 chip		☐	✓			
Ladder		☐	✓			

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 94
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 93.95
Ladder Concentration [ng/μl] : 40
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 8.3
Upper Marker Concentration [ng/μl] : 4.2
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 20
Integration End Time [s] : 93.95
Slope Threshold : 0.8
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

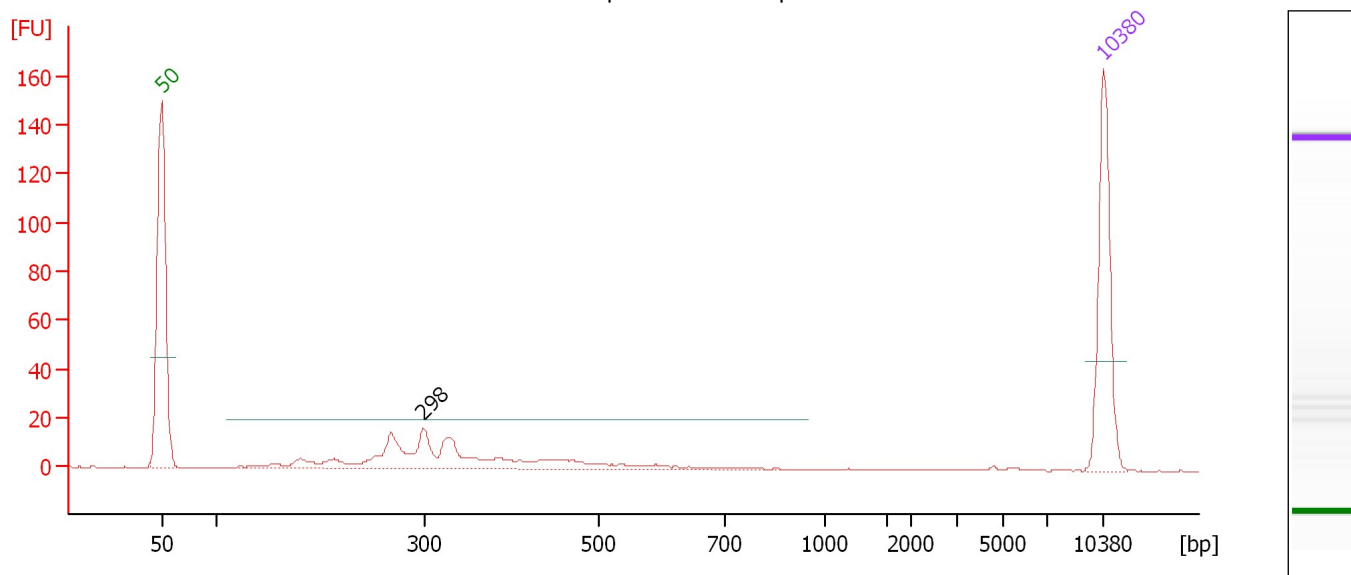
Ladder Peak	Size	Area
1	50	120
2	100	47
3	300	63
4	500	81
5	700	85
6	1000	93
7	1500	101
8	2000	101
9	3000	106
10	5000	108
11	7000	109
12	10380	107

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary

New CL4C1 Amplicon Initial Sample

**Overall Results for sample 1 : New CL4C1 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 1 : New CL4C1 Amplicon Initial Sample

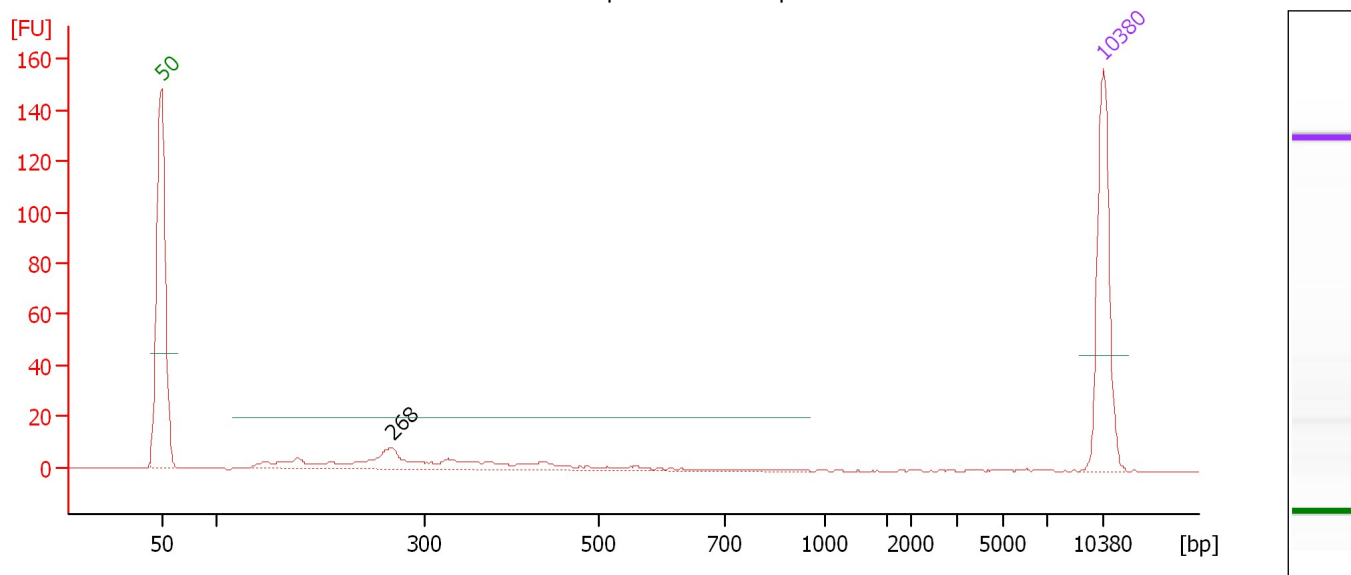
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	298	5.25	26.7	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C2 Amplicon Initial Sample

**Overall Results for sample 2 : New CL4C2 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 2 : New CL4C2 Amplicon Initial Sample

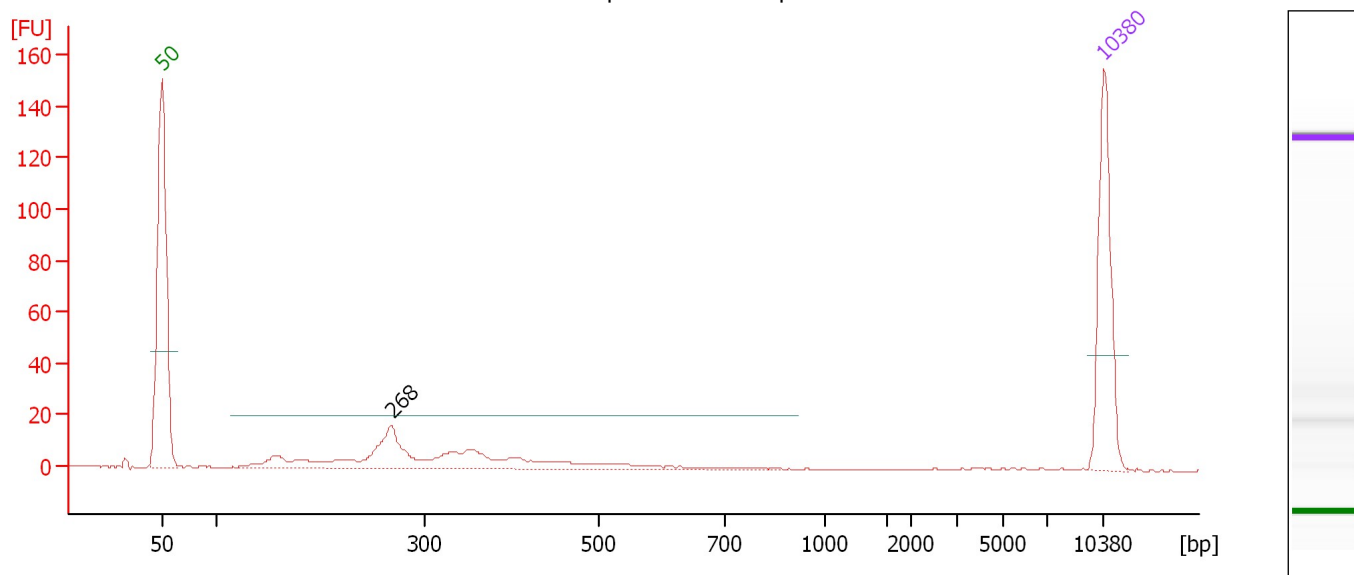
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	268	3.50	19.8	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C3 Amplicon Initial Sample

**Overall Results for sample 3 : New CL4C3 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 3 : New CL4C3 Amplicon Initial Sample

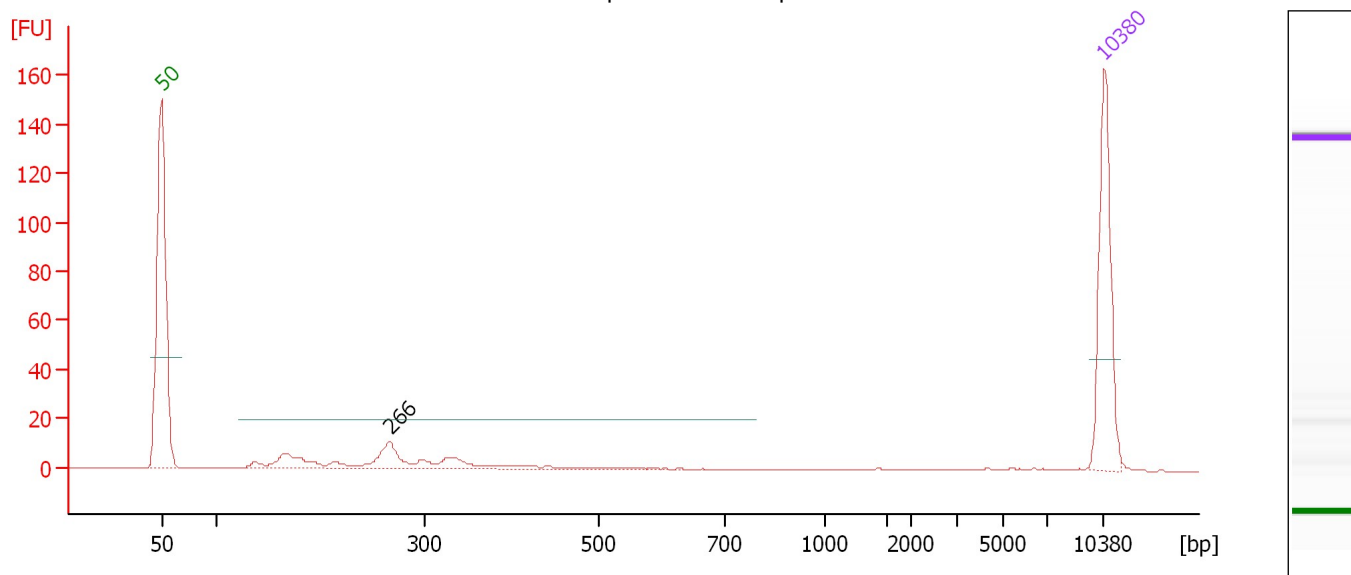
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	268	5.05	28.6	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C4 Amplicon Initial Sample

**Overall Results for sample 4 : New CL4C4 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 4 : New CL4C4 Amplicon Initial Sample

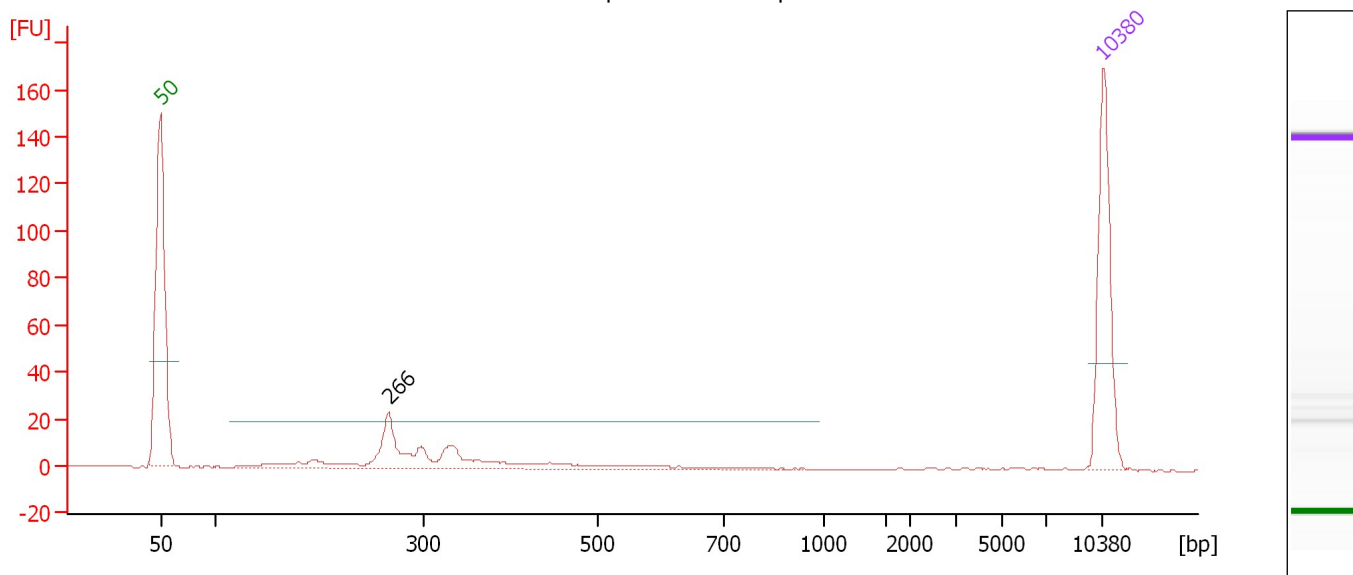
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	266	2.72	15.5	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C5 Amplicon Initial Sample

**Overall Results for sample 5 : New CL4C5 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 5 : New CL4C5 Amplicon Initial Sample

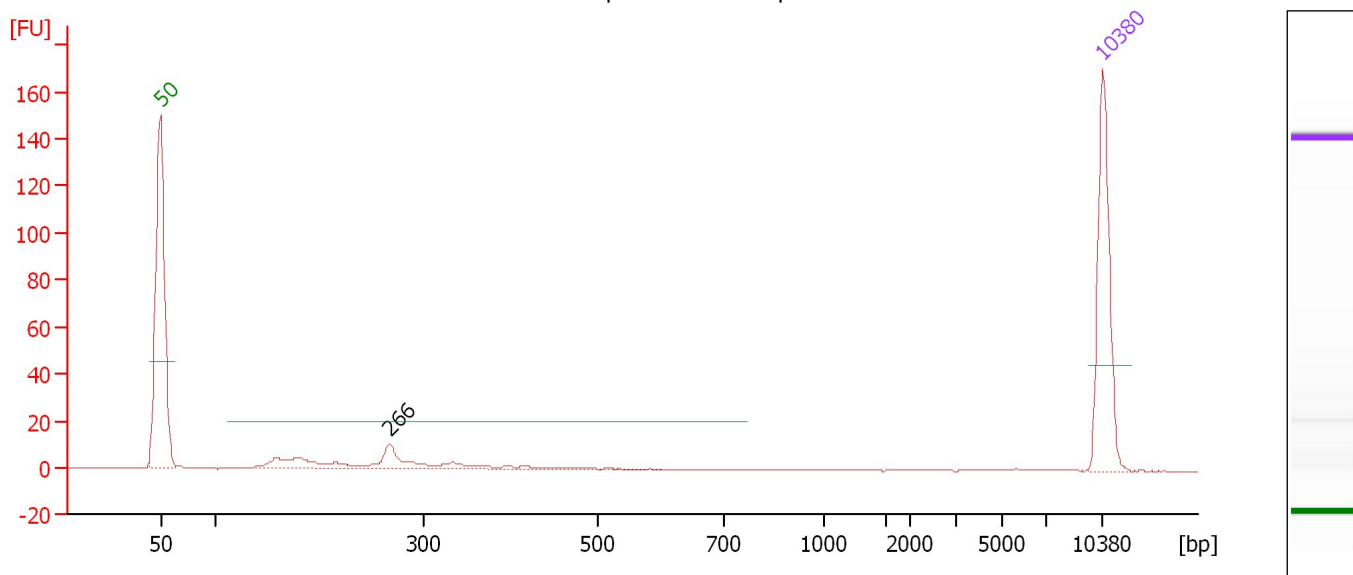
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	266	4.06	23.2	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C6 Amplicon Initial Sample

**Overall Results for sample 6 : New CL4C6 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 6 : New CL4C6 Amplicon Initial Sample

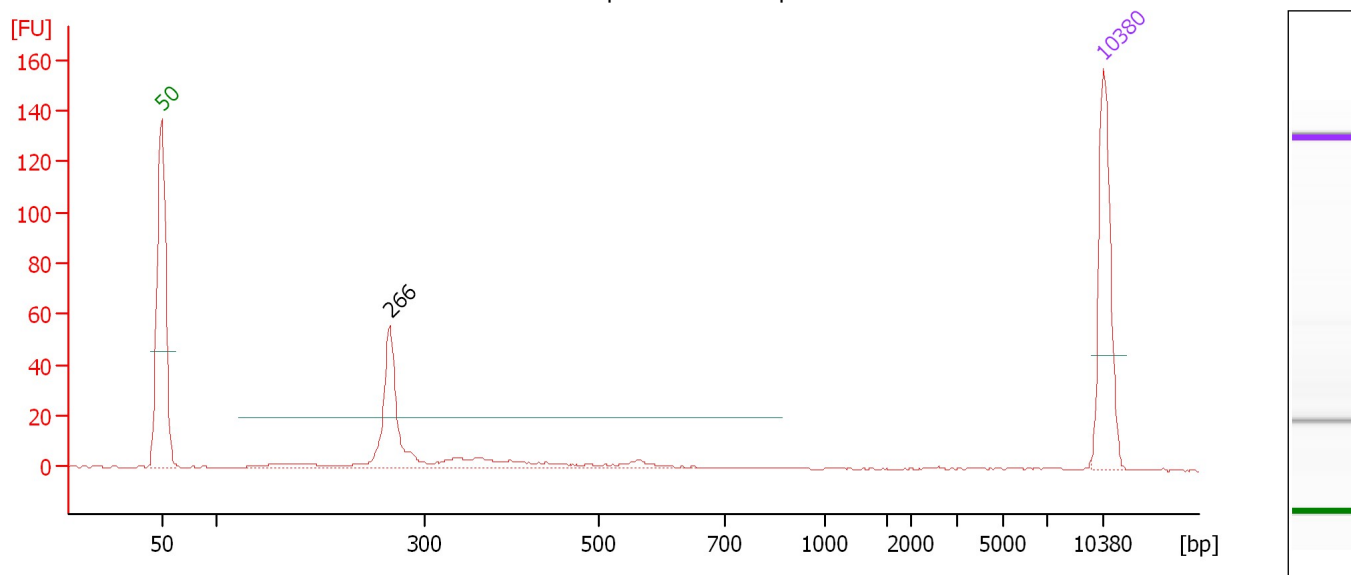
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	266	2.50	14.2	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C7 Amplicon Initial Sample

**Overall Results for sample 7 : New CL4C7 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 7 : New CL4C7 Amplicon Initial Sample

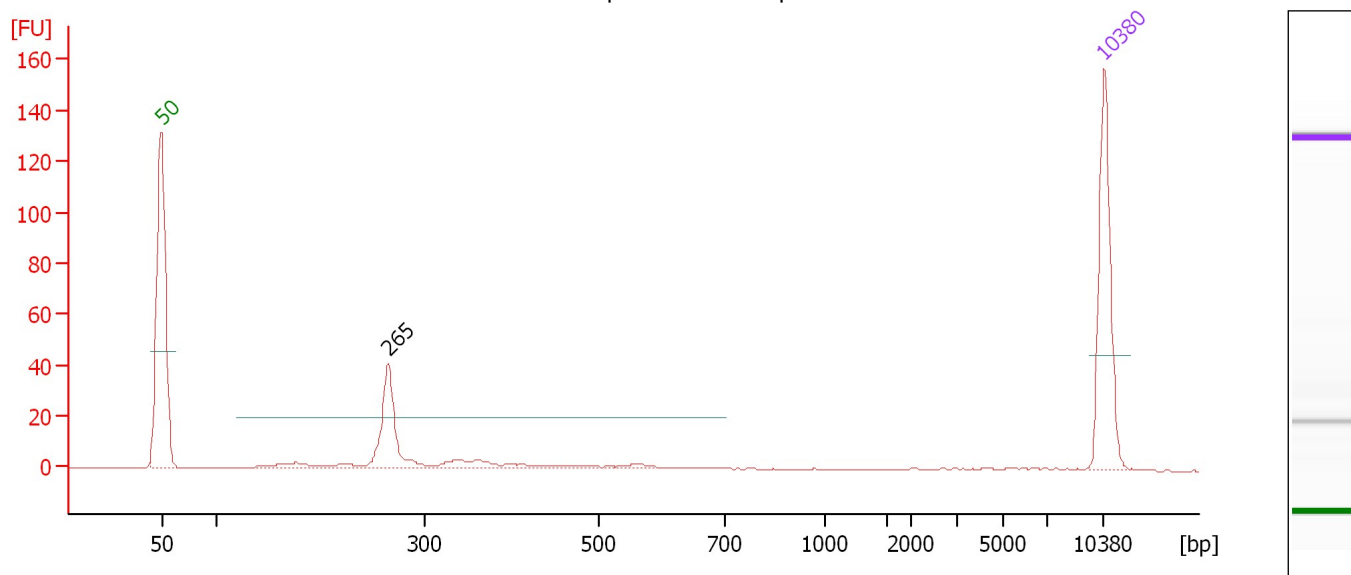
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	266	5.06	28.9	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

New CL4C8 Amplicon Initial Sample

**Overall Results for sample 8 : New CL4C8 Amplicon Initial Sample**

Number of peaks found: 1

Peak table for sample 8 : New CL4C8 Amplicon Initial Sample

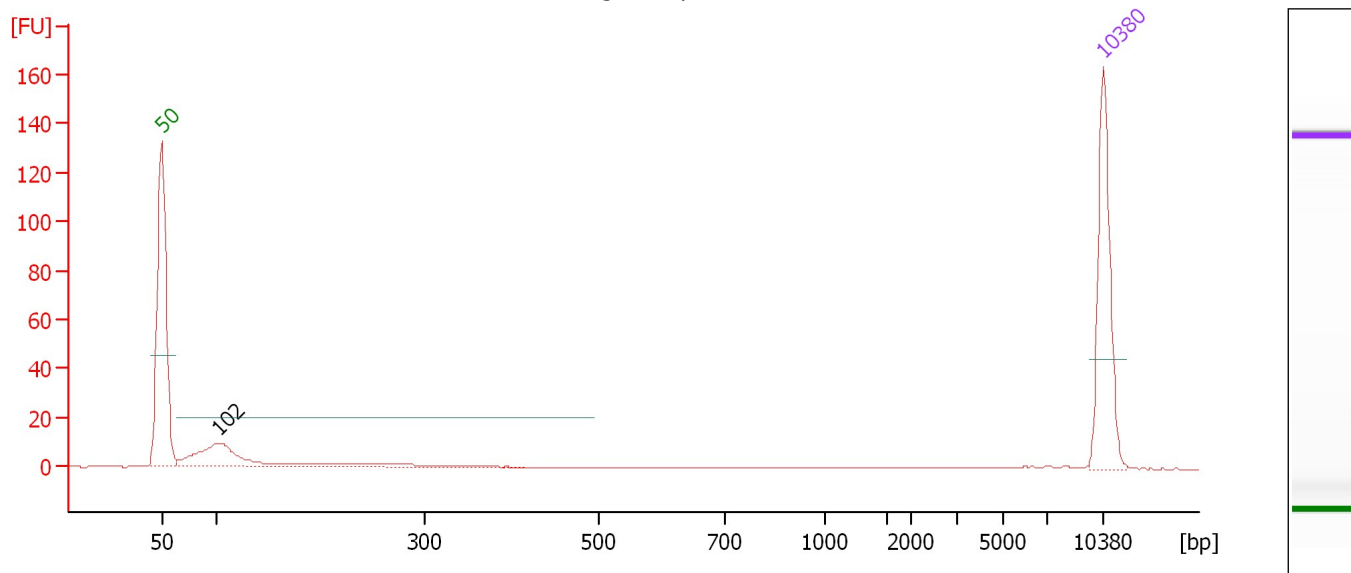
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	265	3.83	21.9	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Electropherogram Summary Continued ...

Diego 5 chip

**Overall Results for sample 9 : Diego 5 chip**

Number of peaks found: 1

Peak table for sample 9 : Diego 5 chip

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	102	2.62	39.1	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-24\2100 expert_DNA 7500_DE24802235_2011-05-24_15-35-22.xad

Created: 5/24/2011 3:35:22 PM
Modified: 5/24/2011 4:39:03 PM

Gel Image