

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-17\2014-06-17_001.xad

Created: 6/17/2014 11:18:57 AM
Modified: 6/17/2014 12:03:22 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 12000 Series II.xsy

Assay Class: DNA 12000

Version: 2.4

Assay Comments: DNA Analysis 100 -12000 bp

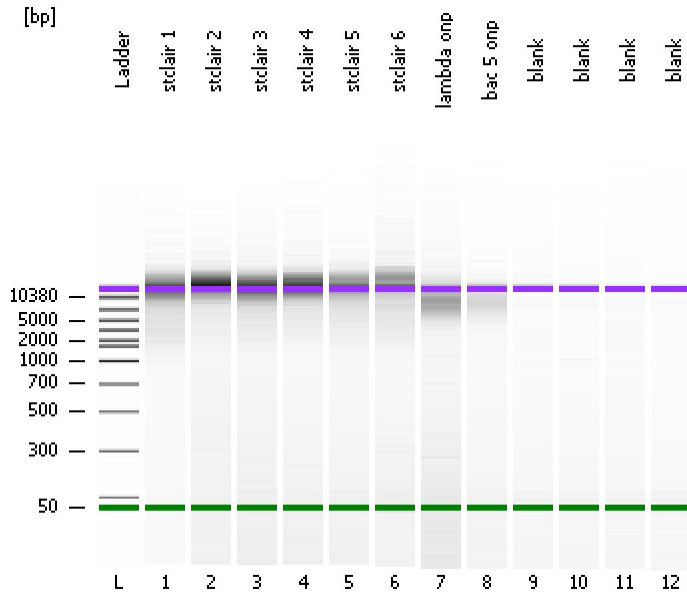
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

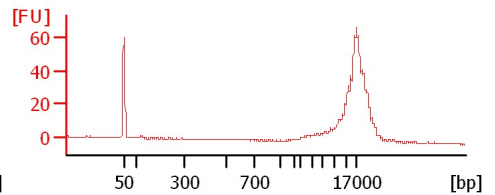
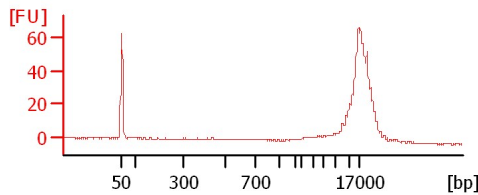
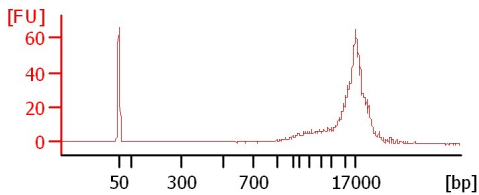
Chip Comments:



stclair 1

stclair 2

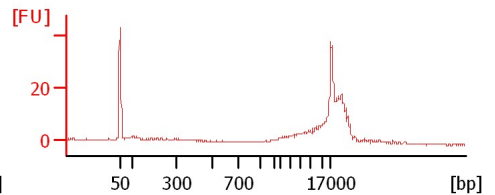
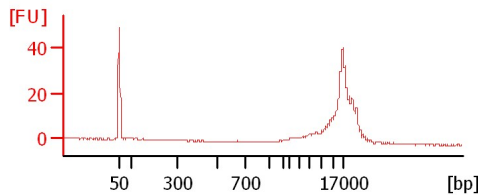
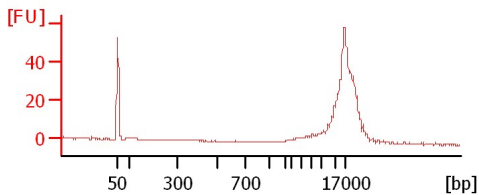
stclair 3



stclair 4

stclair 5

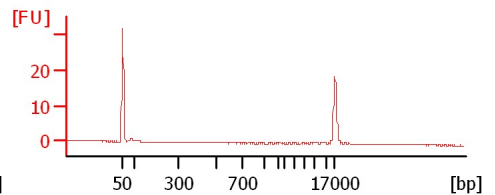
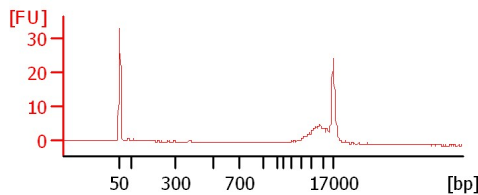
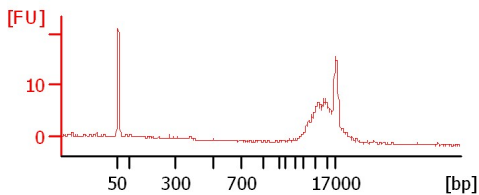
stclair 6



lambda onp

bac 5 onp

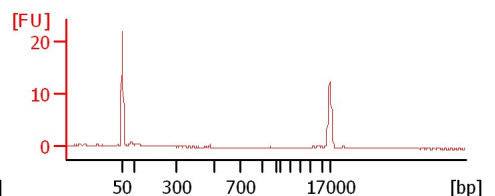
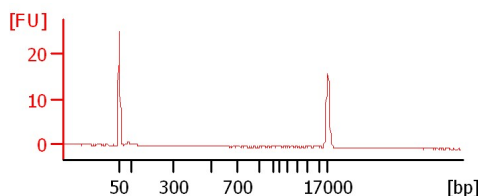
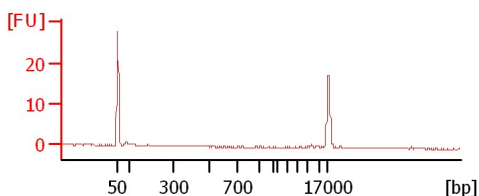
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
stclair 1		<input type="checkbox"/>	✓			
stclair 2		<input type="checkbox"/>	✓			
stclair 3		<input type="checkbox"/>	✓			
stclair 4		<input type="checkbox"/>	✓			
stclair 5		<input type="checkbox"/>	✓			
stclair 6		<input type="checkbox"/>	✓			
lambda onp		<input type="checkbox"/>	✓			
bac 5 onp		<input type="checkbox"/>	✓			
blank		<input type="checkbox"/>	✓			
blank		<input type="checkbox"/>	✓			
blank		<input type="checkbox"/>	✓			
blank		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

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Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 99
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 98.95
Ladder Concentration [ng/μl] : 44
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
This is a Qualitative Assay Only
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] : 98.95
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

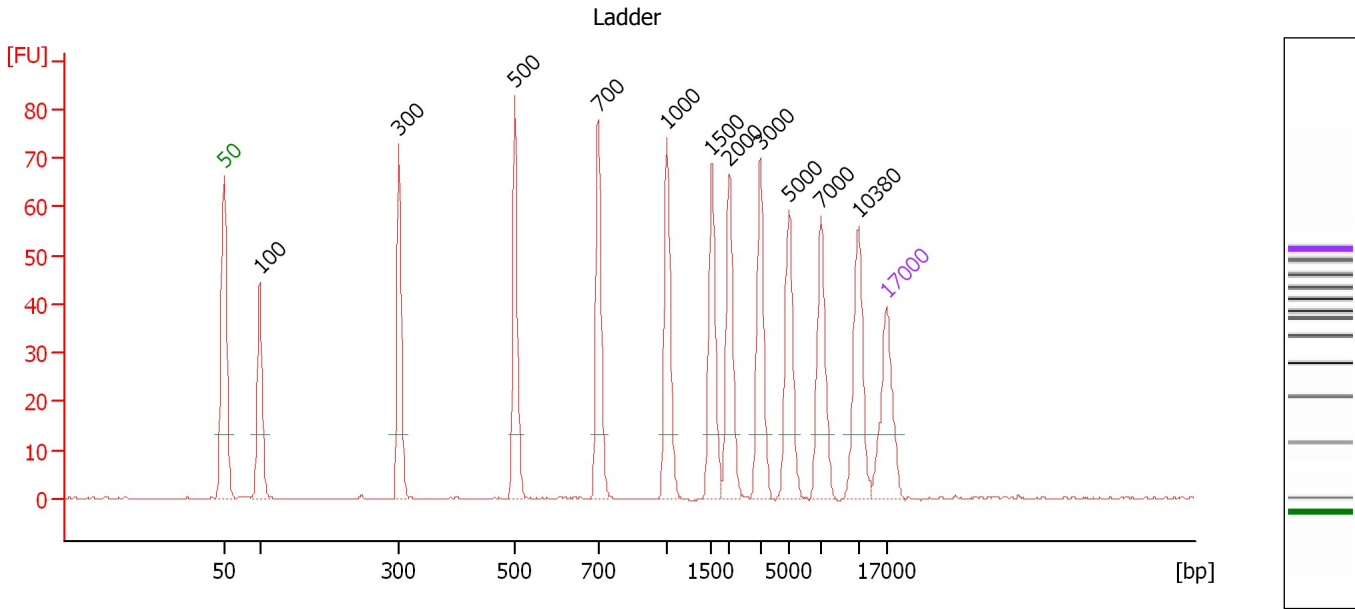
Ladder

Ladder Peak	Size	Area
1	50	120
2	100	48
3	300	61
4	500	77
5	700	81
6	1000	86
7	1500	92
8	2000	92
9	3000	96
10	5000	100
11	7000	98
12	10380	102
13	17000	110

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Electropherogram Summary



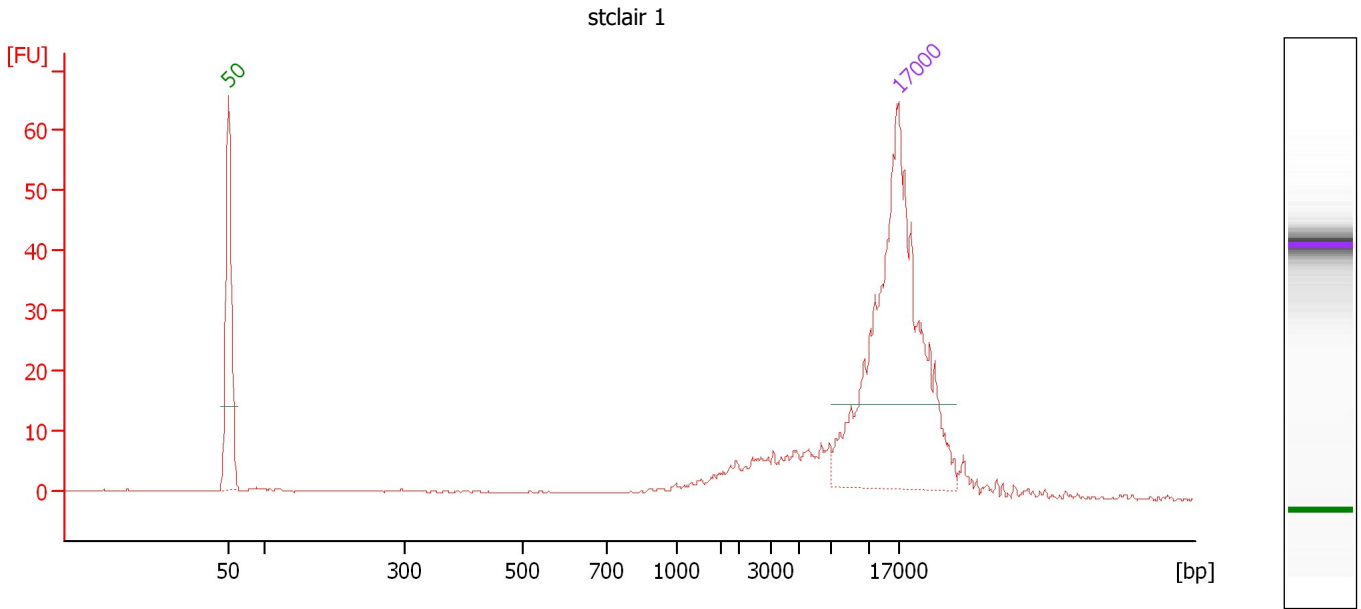
Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	100	4.00	60.6	Ladder Peak
3	300	4.00	20.2	Ladder Peak
4	500	4.00	12.1	Ladder Peak
5	700	4.00	8.7	Ladder Peak
6	1,000	4.00	6.1	Ladder Peak
7	1,500	4.00	4.0	Ladder Peak
8	2,000	4.00	3.0	Ladder Peak
9	3,000	4.00	2.0	Ladder Peak
10	5,000	4.00	1.2	Ladder Peak
11	7,000	4.00	0.9	Ladder Peak
12	10,380	4.00	0.6	Ladder Peak
13	17,000	4.20	0.4	Upper Marker

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Electropherogram Summary Continued ...



Overall Results for sample 1 : stclair 1

Number of peaks found: 0

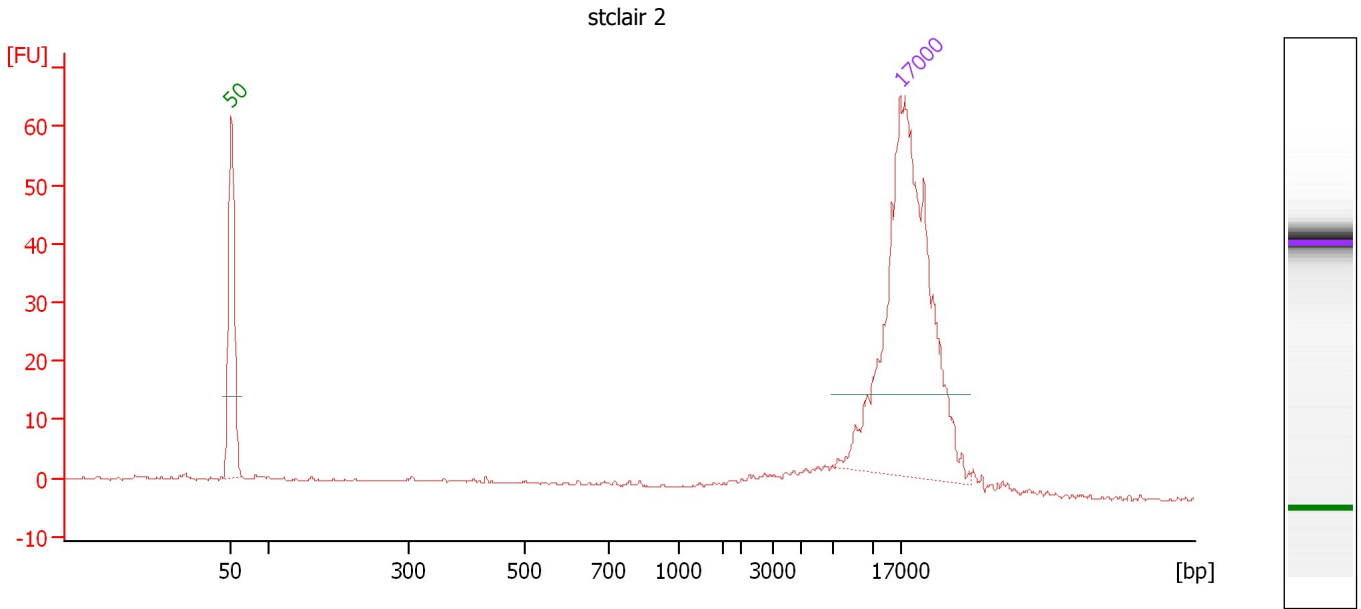
Peak table for sample 1 : stclair 1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

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Electropherogram Summary Continued ...



Overall Results for sample 2 : stclair 2

Number of peaks found: 0

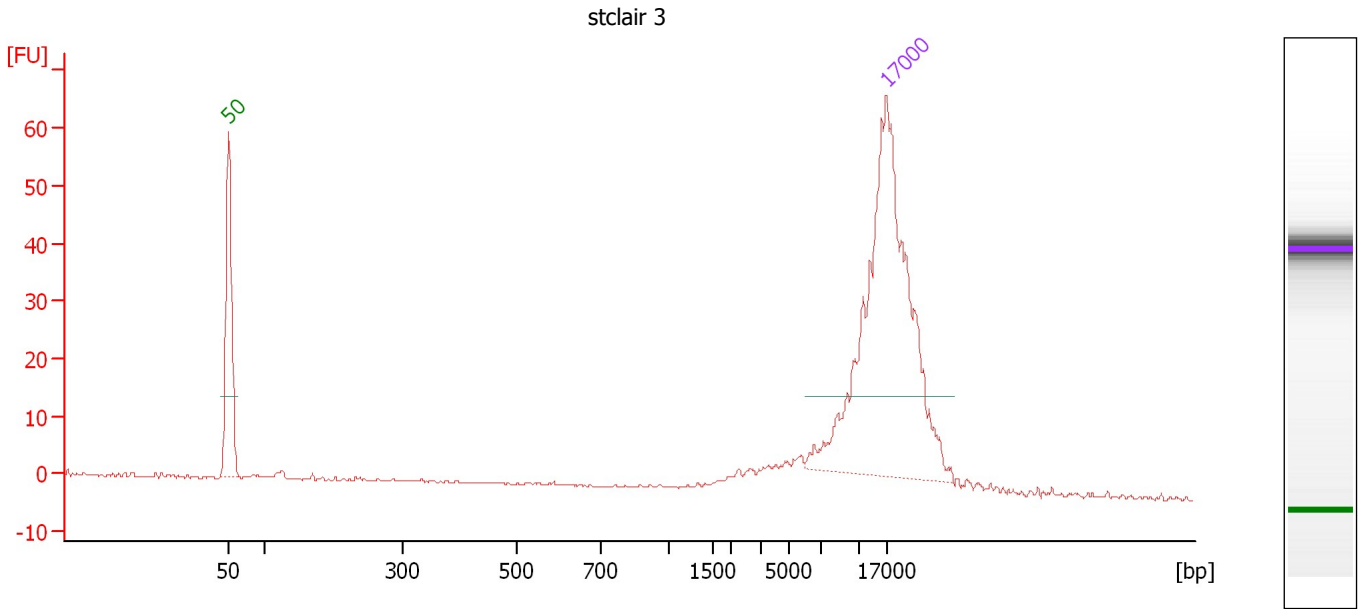
Peak table for sample 2 : stclair 2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
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Electropherogram Summary Continued ...



Overall Results for sample 3 : stclair 3

Number of peaks found: 0

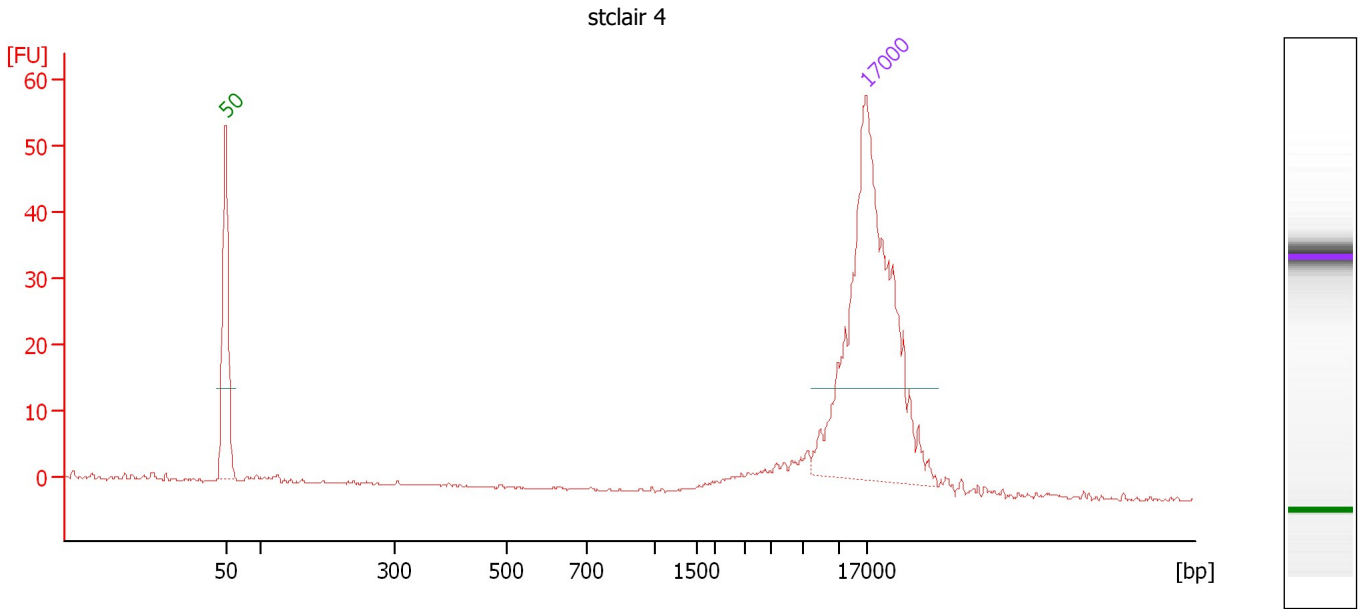
Peak table for sample 3 : stclair 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-17\2014-06-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 4 : stclair 4

Number of peaks found: 0

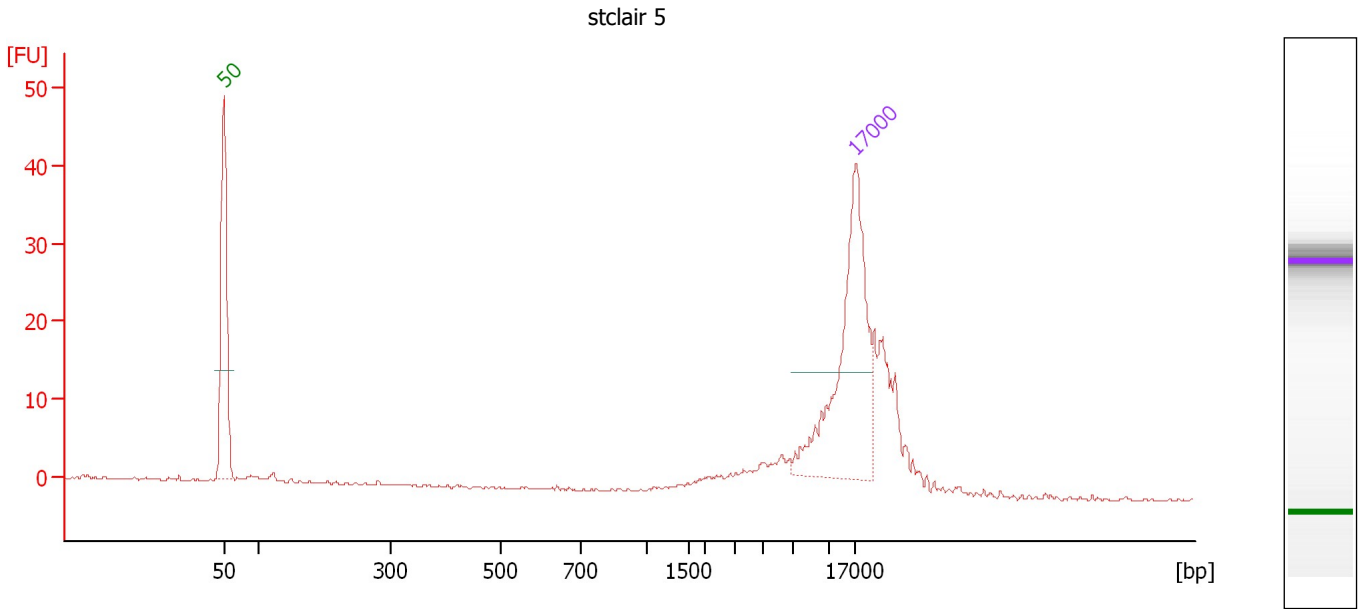
Peak table for sample 4 : stclair 4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
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Electropherogram Summary Continued ...



Overall Results for sample 5 : stclair 5

Number of peaks found: 0

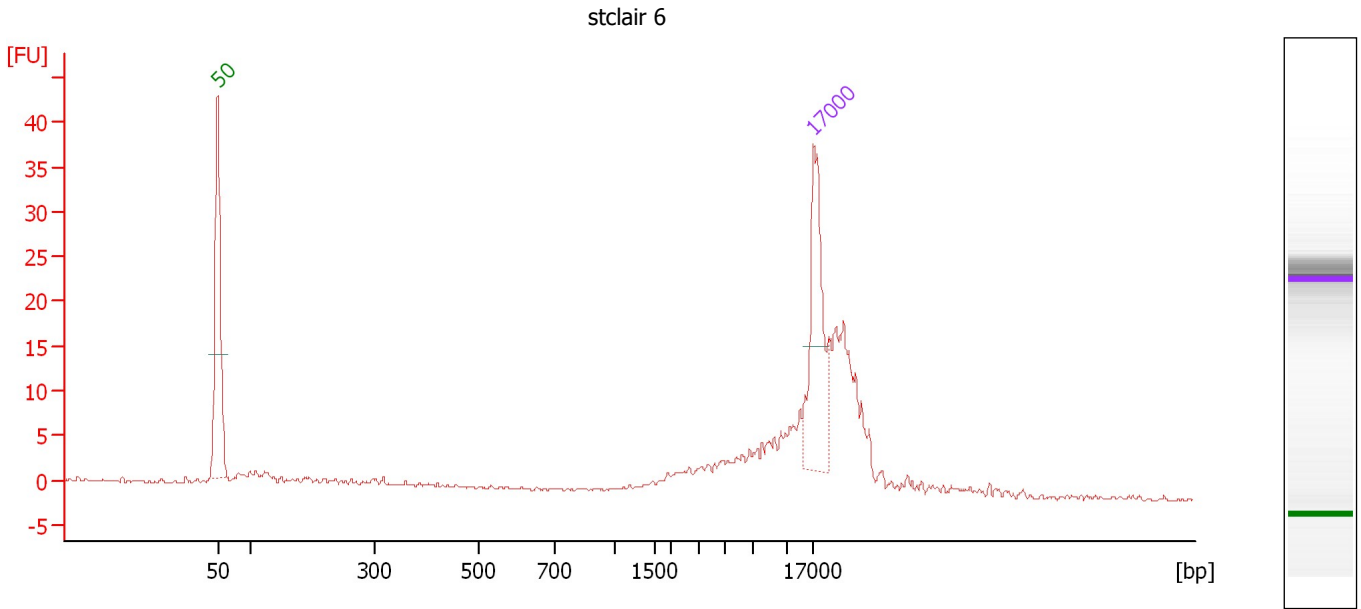
Peak table for sample 5 : stclair 5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
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Electropherogram Summary Continued ...



Overall Results for sample 6 : stclair 6

Number of peaks found: 0

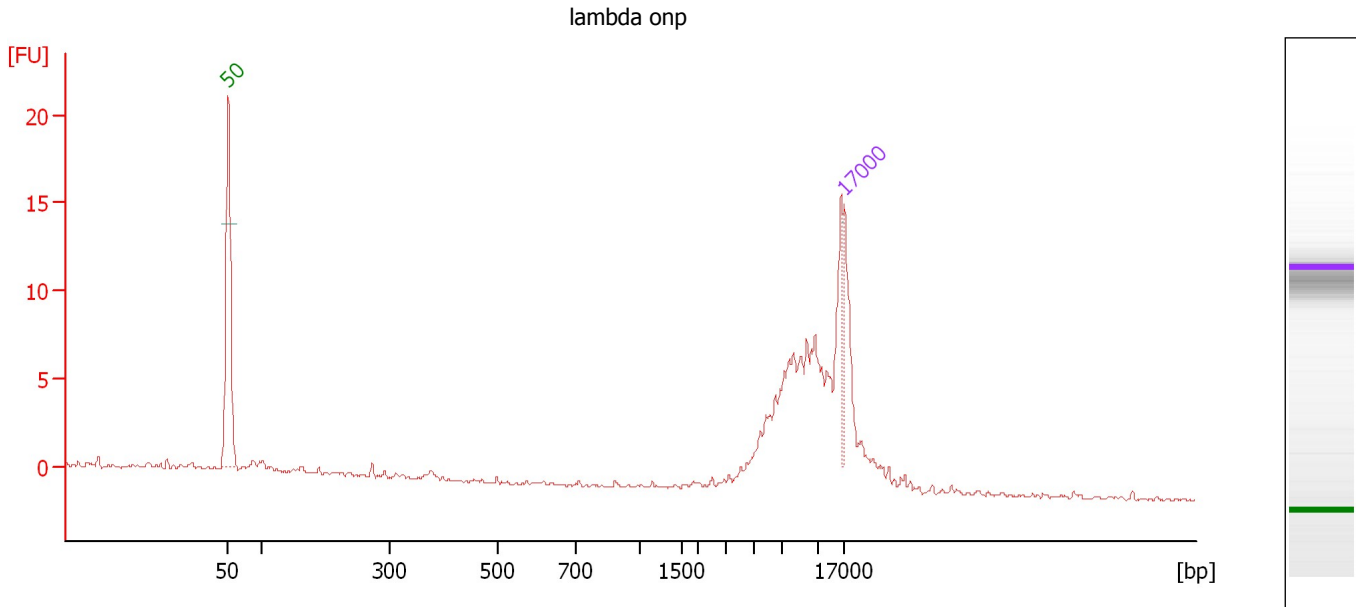
Peak table for sample 6 : stclair 6

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
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Electropherogram Summary Continued ...



Overall Results for sample 7 : lambda onp

Number of peaks found: 0

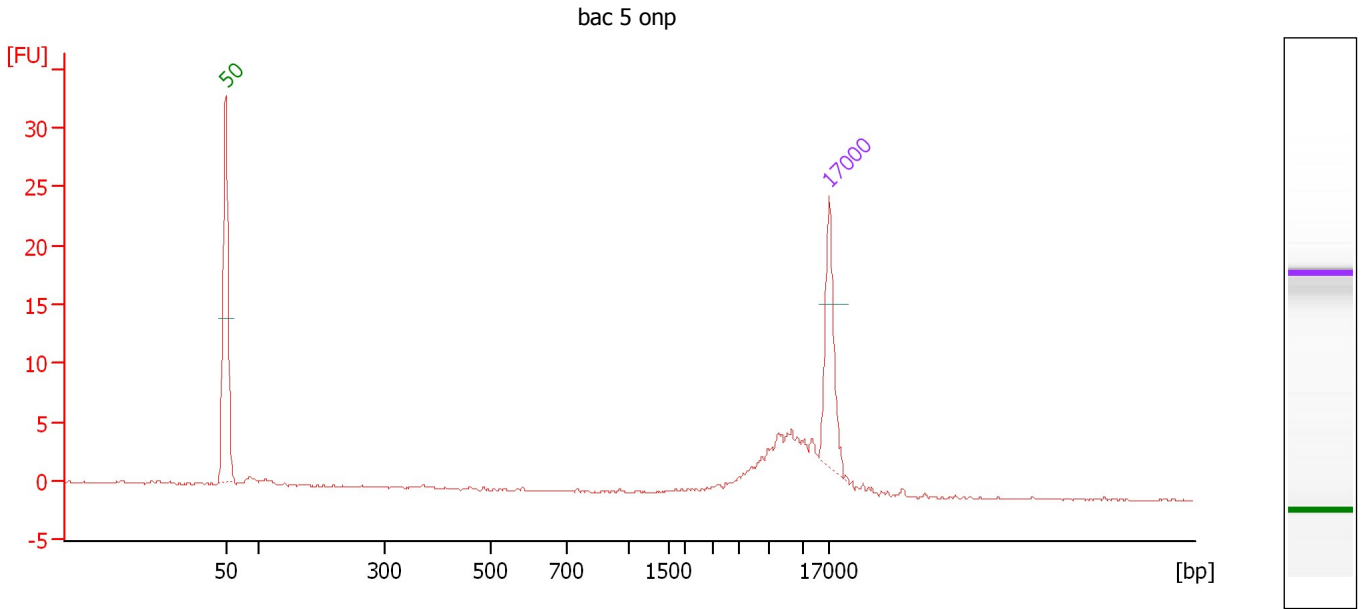
Peak table for sample 7 : lambda onp

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
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Electropherogram Summary Continued ...



Overall Results for sample 8 : bac 5 onp

Number of peaks found: 0

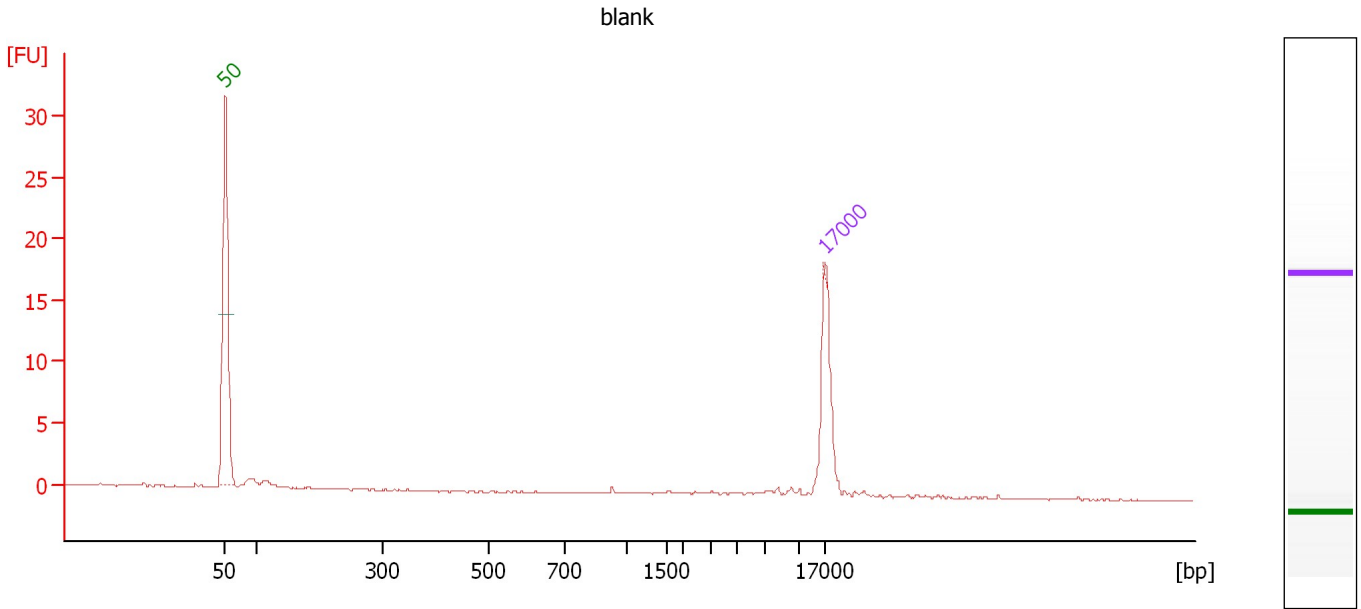
Peak table for sample 8 : bac 5 onp

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-17\2014-06-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : blank

Number of peaks found: 0

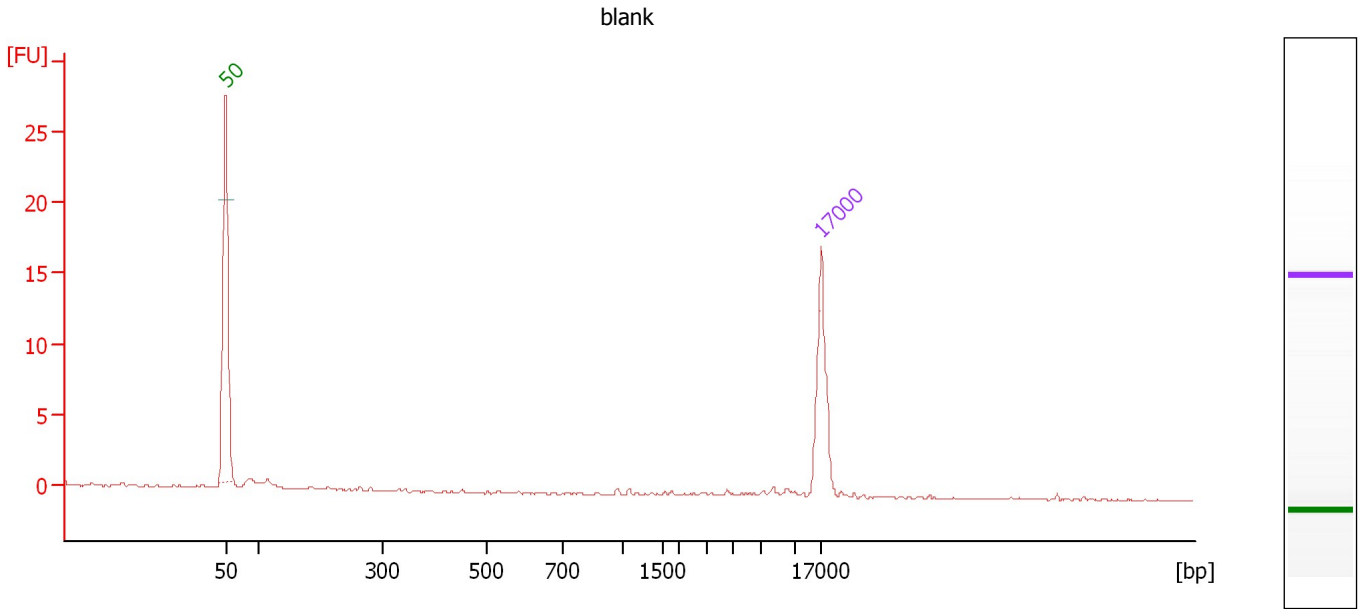
Peak table for sample 9 : blank

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-17\2014-06-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : blank

Number of peaks found: 0

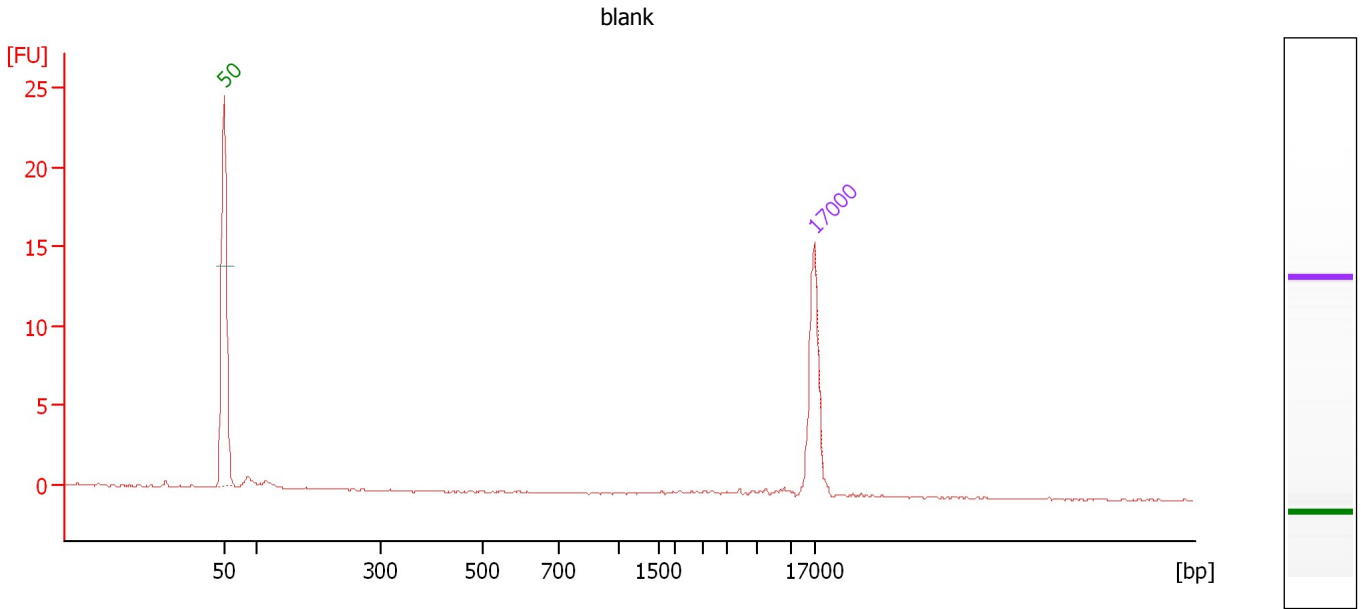
Peak table for sample 10 : blank

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-17\2014-06-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : blank

Number of peaks found: 0

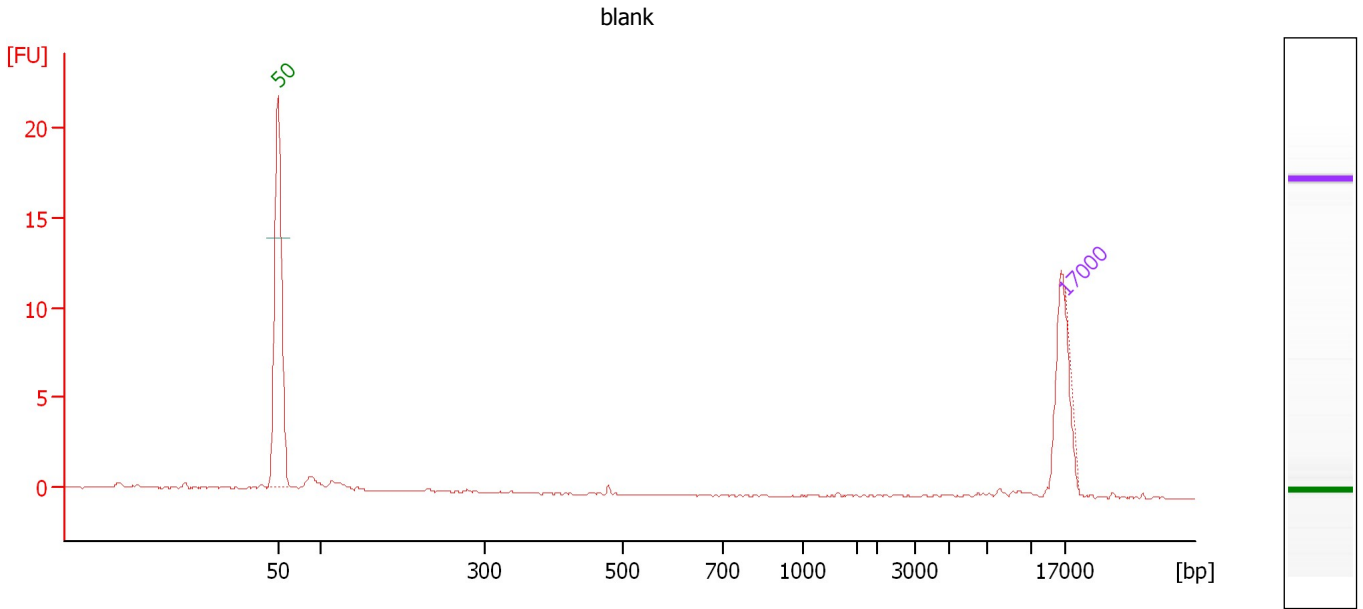
Peak table for sample 11 : blank

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-17\2014-06-17_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 12 : blank

Number of peaks found: 0

Peak table for sample 12 : blank

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
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Gel Image

