

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-27\2013-09-27\_001.xad

Created: 9/27/2013 10:28:17 AM  
Modified: 9/27/2013 11:00:00 AM

**Electrophoresis File Run Summary**

Instrument Information:

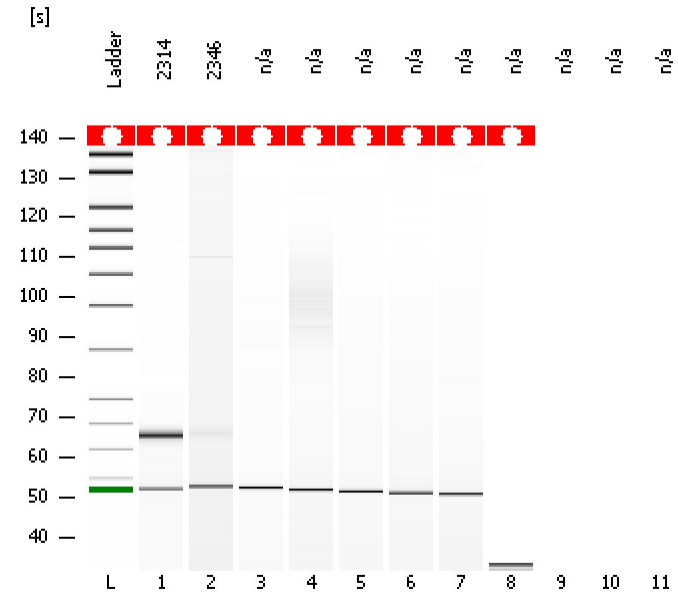
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy  
Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

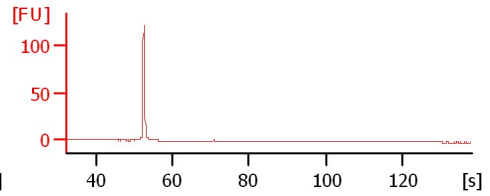
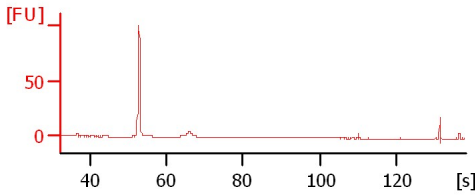
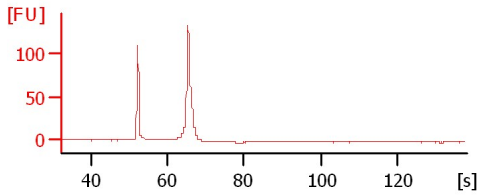
Chip Lot #:   
Reagent Kit Lot #:   
Chip Comments:



2314

2346

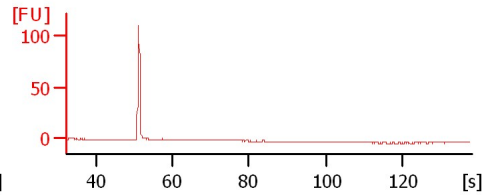
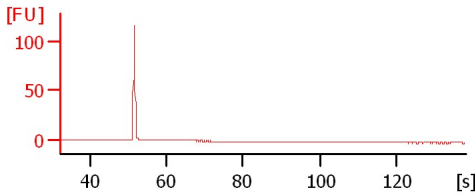
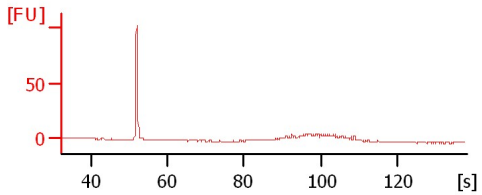
n/a



n/a

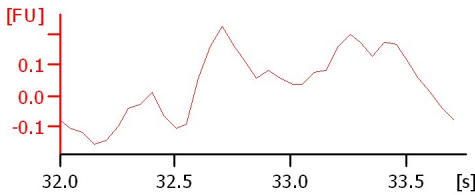
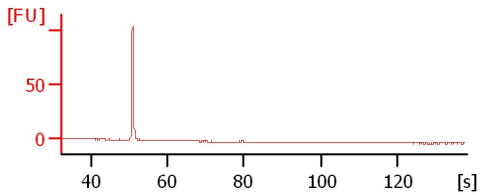
n/a

n/a



n/a

n/a



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**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
2314		<input type="checkbox"/>	✓			
2346		<input type="checkbox"/>	✓			
n/a		<input type="checkbox"/>	✓			
n/a		<input type="checkbox"/>	✓			
n/a		<input type="checkbox"/>	✓			
n/a		<input type="checkbox"/>	✓			
n/a		<input type="checkbox"/>	✓			
n/a		<input type="checkbox"/>	✗			
n/a		<input type="checkbox"/>	✗			
n/a		<input type="checkbox"/>	✗			
n/a		<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.) : 12  
Minimum Visible Range [s] : 32  
Maximum Visible Range [s] : 138  
Start Analysis Time Range [s] : 33  
End Analysis Time Range [s] : 137.5  
Ladder Concentration [pg/ $\mu$ l] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/ $\mu$ l] : 125  
Upper Marker Concentration [pg/ $\mu$ l] : 75  
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] : 33.05  
Integration End Time [s] : 137  
Slope Threshold : 0.8  
Height Threshold [FU] : 5  
Area Threshold : 0.1  
Width Threshold [s] : 0.6  
Baseline Plateau [s] : 0.5

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

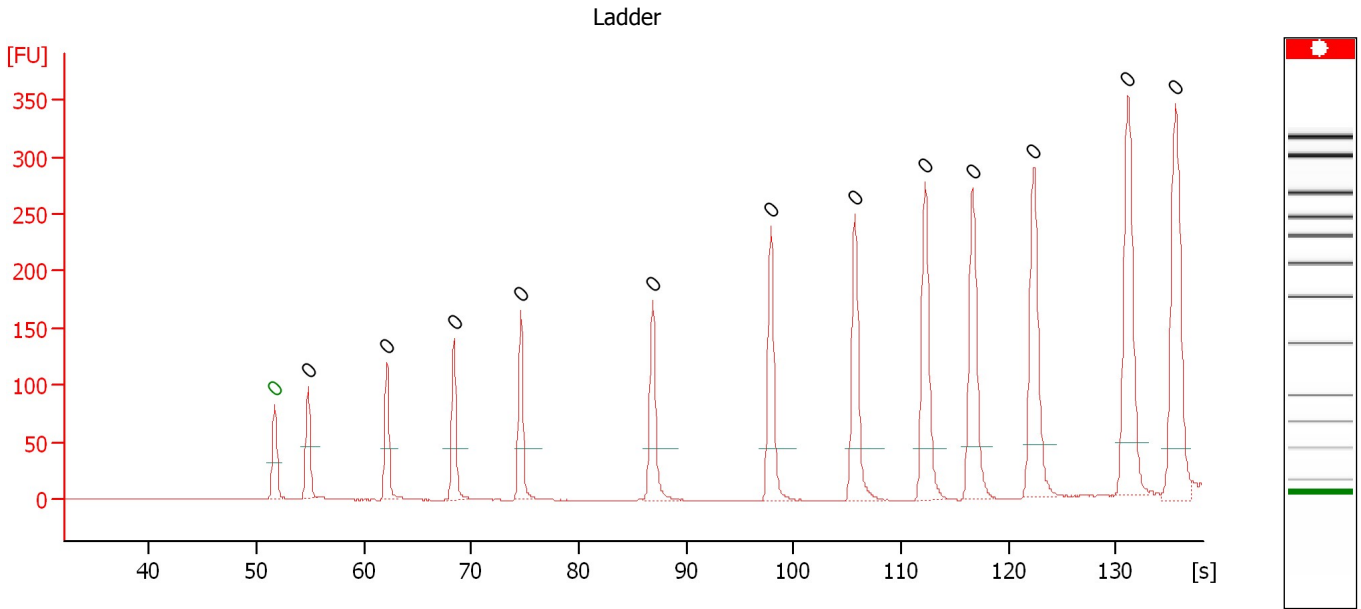
**Ladder**

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

**Peak table for Ladder**

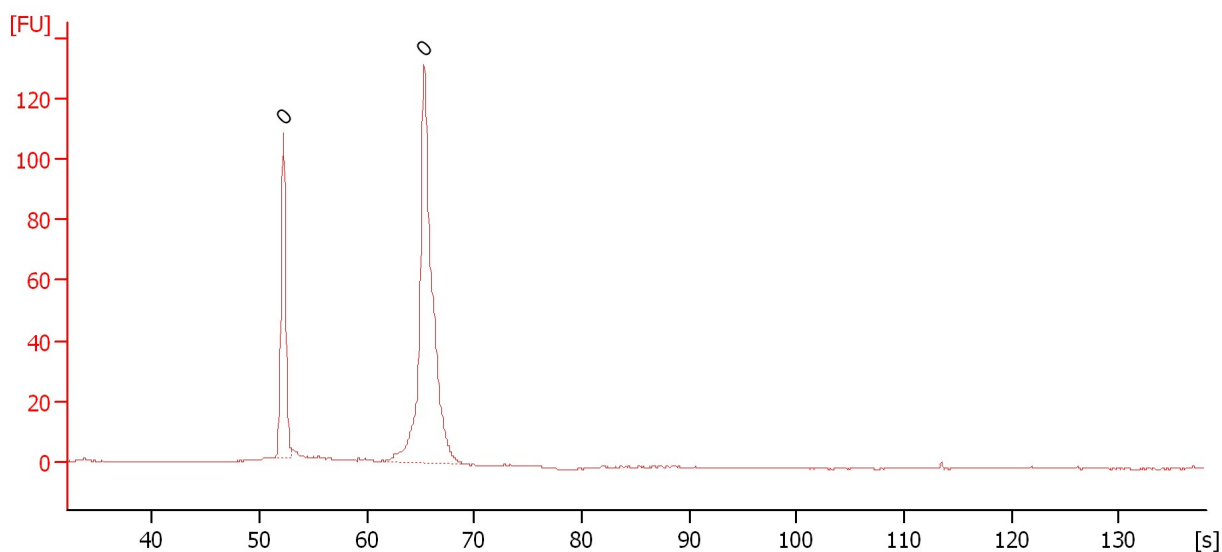
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	Ladder Peak
3	0	0.00	0.0	Ladder Peak
4	0	0.00	0.0	Ladder Peak
5	0	0.00	0.0	Ladder Peak
6	0	0.00	0.0	Ladder Peak
7	0	0.00	0.0	Ladder Peak
8	0	0.00	0.0	Ladder Peak
9	0	0.00	0.0	Ladder Peak
10	0	0.00	0.0	Ladder Peak
11	0	0.00	0.0	Ladder Peak
12	0	0.00	0.0	Ladder Peak
13	0	0.00	0.0	Ladder Peak

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**Electropherogram Summary Continued ...**

2314



**Overall Results for sample 1 : 2314**

Number of peaks found: 0                      Noise: 0.2

**Peak table for sample 1 : 2314**

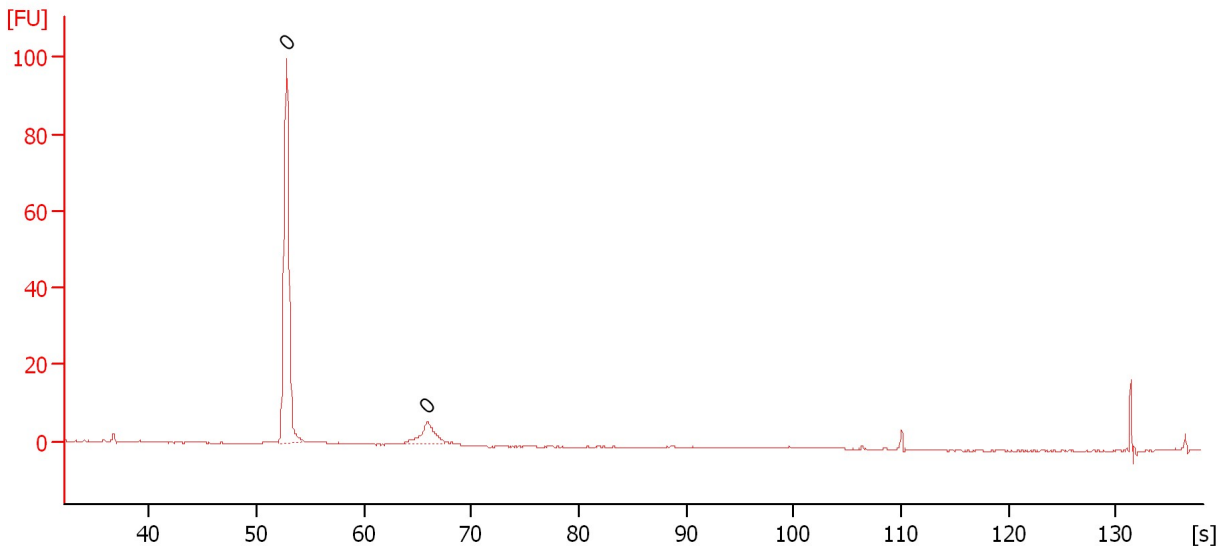
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	

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**Electropherogram Summary Continued ...**

2346



**Overall Results for sample 2 : 2346**

Number of peaks found: 0                      Noise: 0.2

**Peak table for sample 2 : 2346**

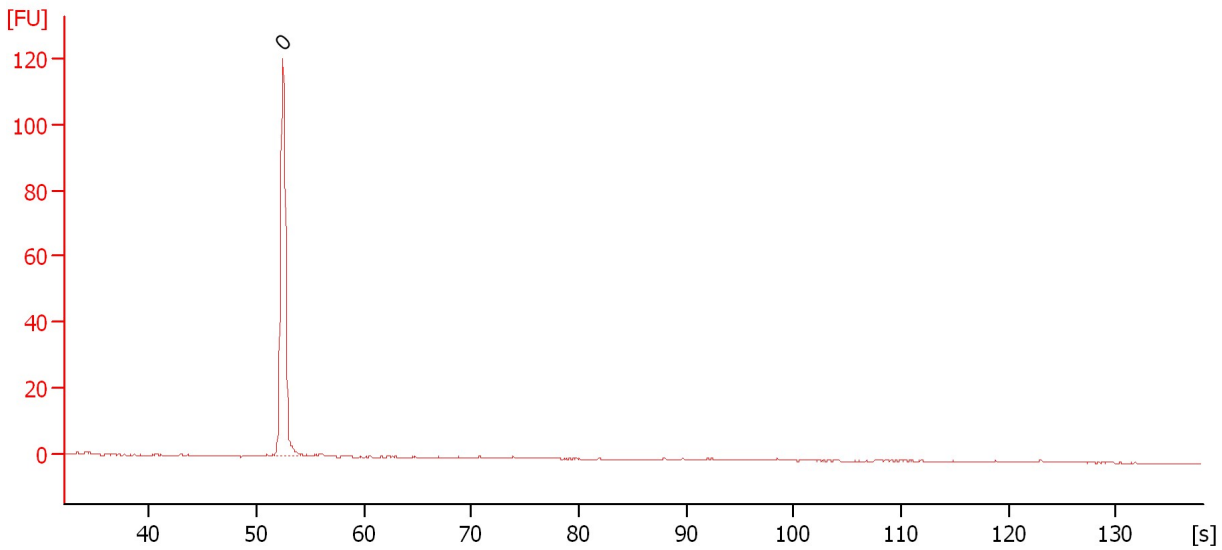
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
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**Electropherogram Summary Continued ...**

n/a



**Overall Results for sample 3 : n/a**

Number of peaks found: 0                      Noise: 0.2

**Peak table for sample 3 : n/a**

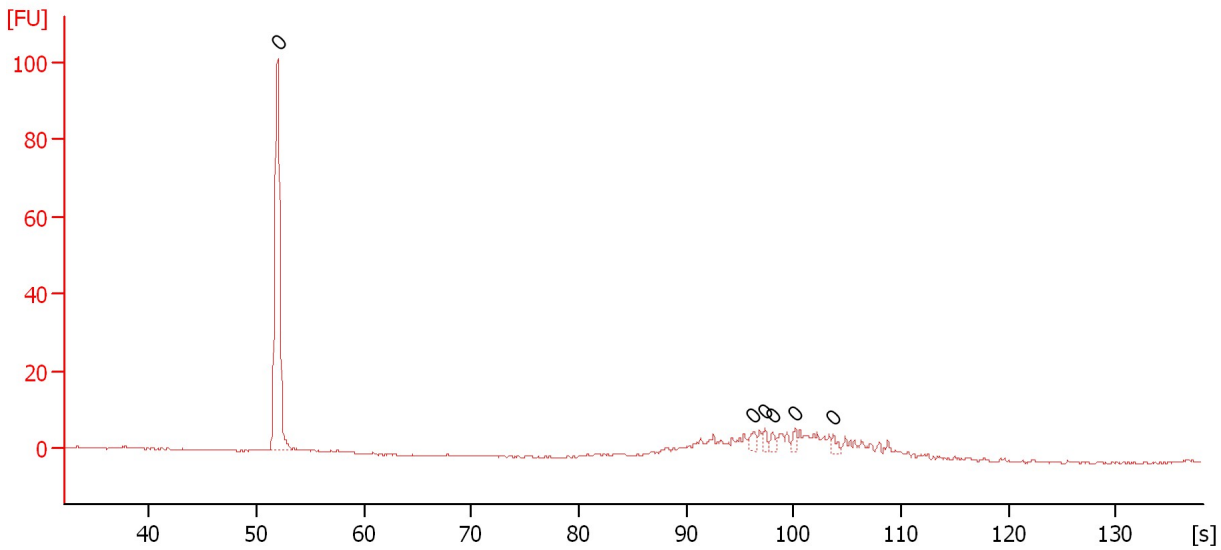
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
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**Electropherogram Summary Continued ...**

n/a



**Overall Results for sample 4 : n/a**

Number of peaks found: 0                      Noise: 0.2

**Peak table for sample 4 : n/a**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	

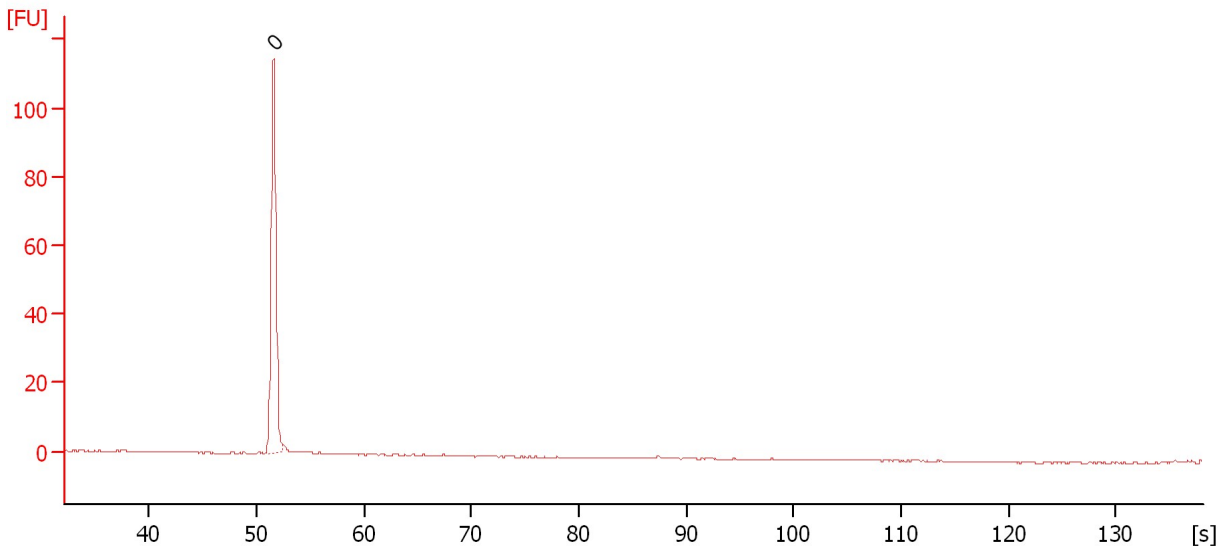


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**Electropherogram Summary Continued ...**

n/a



**Overall Results for sample 5 : n/a**

Number of peaks found: 0                      Noise: 0.2

**Peak table for sample 5 : n/a**

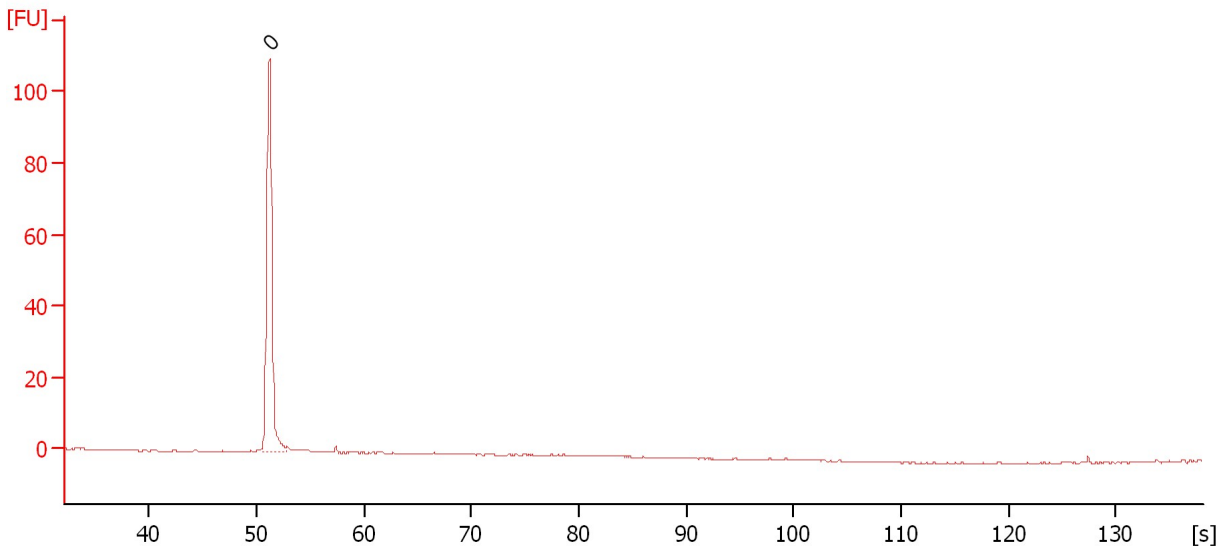
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-27\2013-09-27\_001.xad

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**Electropherogram Summary Continued ...**

n/a



**Overall Results for sample 6 : n/a**

Number of peaks found: 0                      Noise: 0.2

**Peak table for sample 6 : n/a**

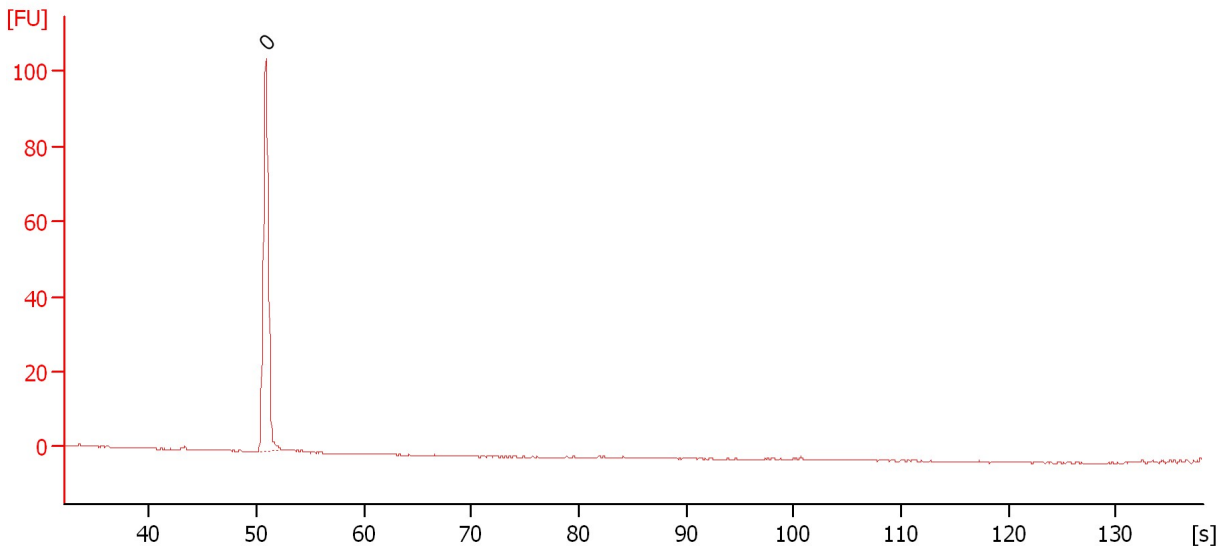
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-09-27\2013-09-27\_001.xad

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**Electropherogram Summary Continued ...**

n/a



**Overall Results for sample 7 : n/a**

Number of peaks found: 0                      Noise: 0.1

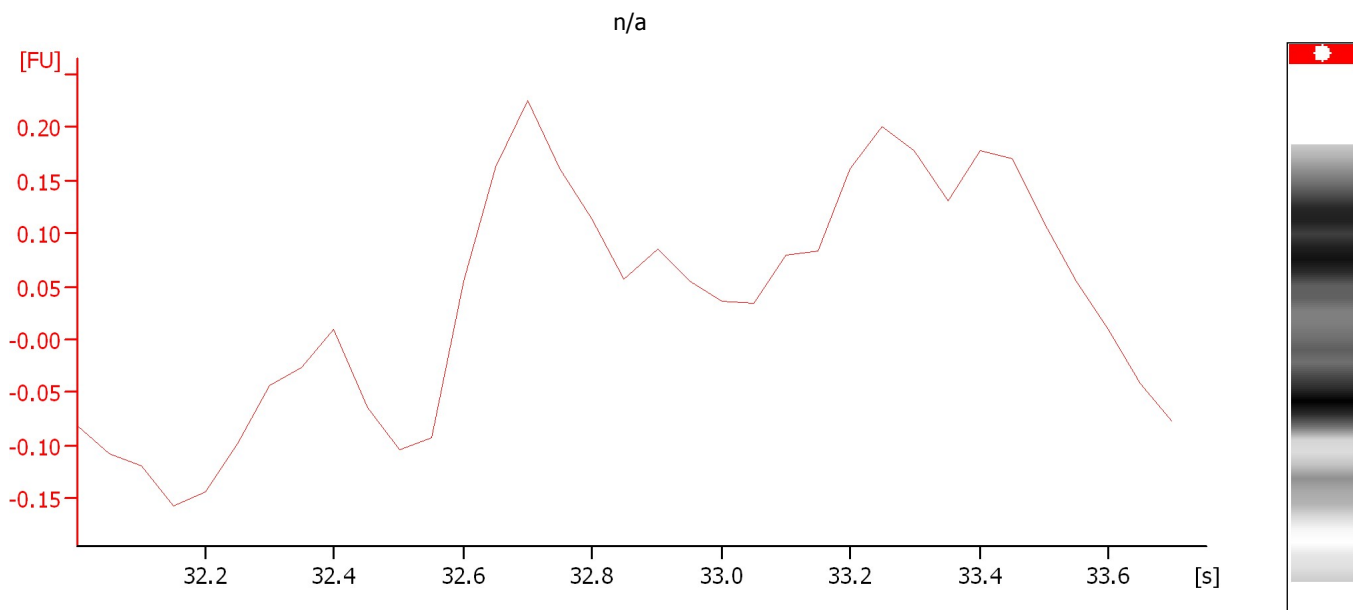
**Peak table for sample 7 : n/a**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	

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**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 8 :** n/a

End Analysis Time Range [s] : 33.75

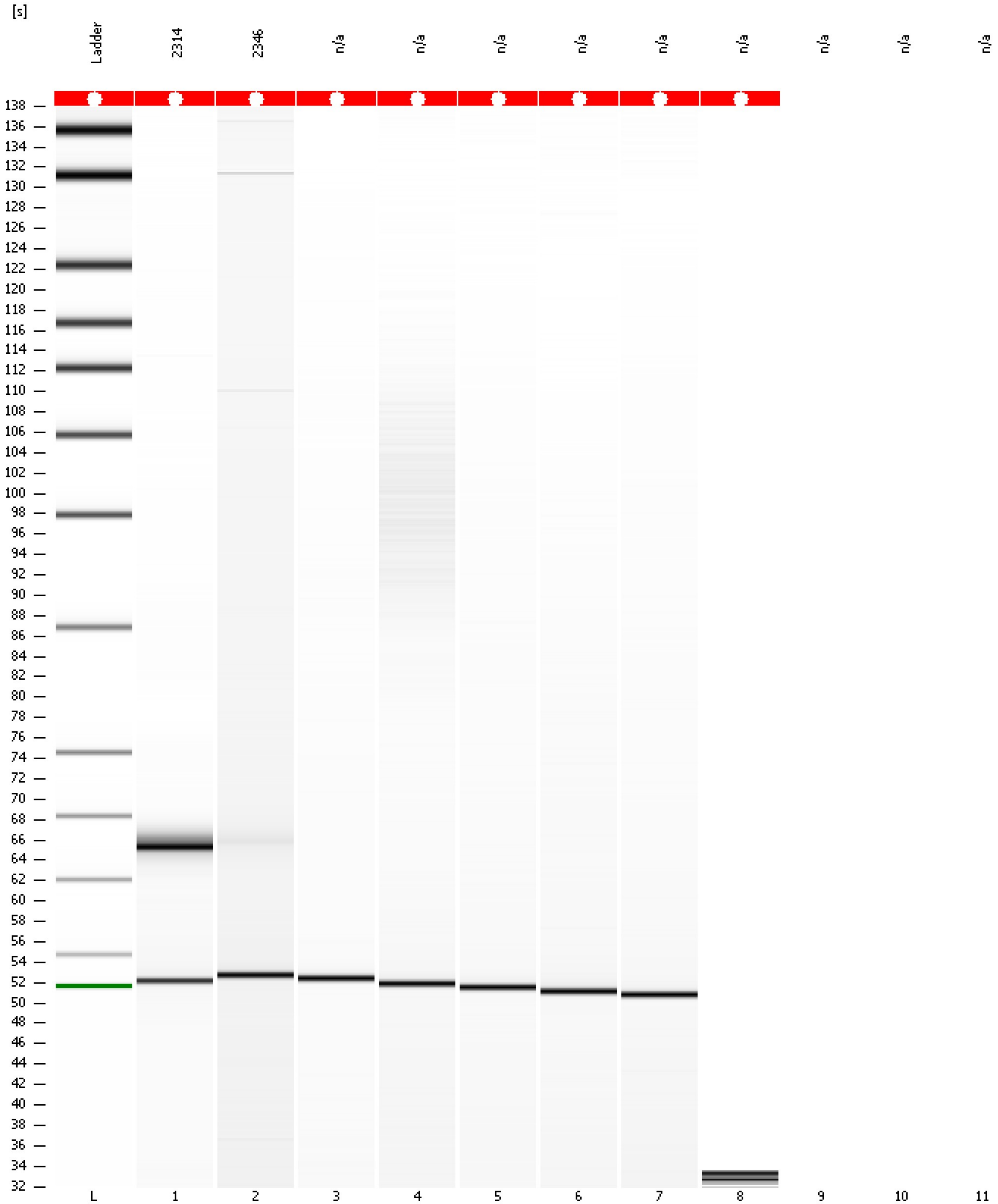
**Overall Results for sample 8 :** n/a

Noise: 0.2

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**Gel Image**



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**Invalid Samples**

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.