Assay Class:	High Sensitivity DNA Assay	Created:	5/2/2014 12:27:57 PM
Data Path:	C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad	Modified:	5/2/2014 12:48:02 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\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:

scalpel dip

top half of band

full band

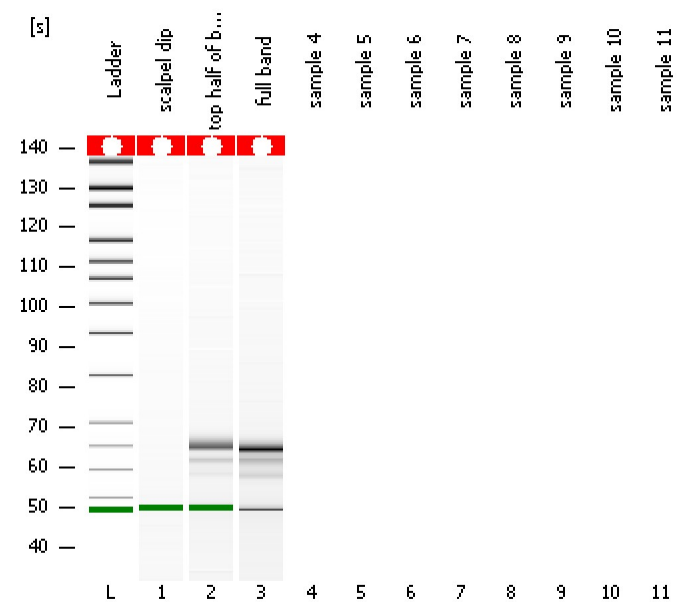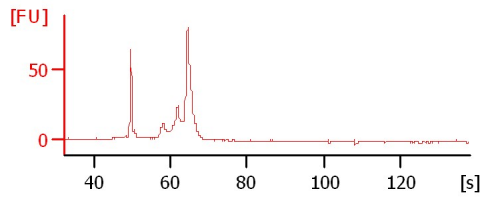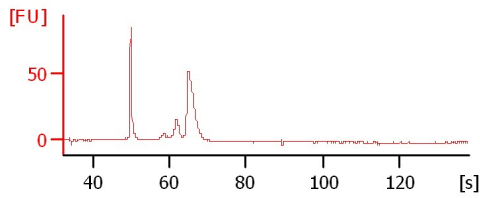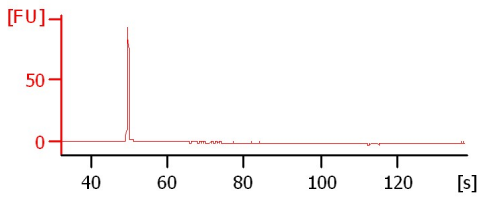Assay Class: High Sensitivity DNA Assay   Created: 5/2/2014 12:27:57 PM
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad   Modified: 5/2/2014 12:48:02 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
scalpel dip		☐	✔			
top half of band		☐	✔			
full band		☐	✔			
sample 4		☐				
sample 5		☐				
sample 6		☐				
sample 7		☐				
sample 8		☐				
sample 9		☐				
sample 10		☐				
sample 11		☐				
Ladder		☐	✔			

Chip Lot #   **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay   Created: 5/2/2014 12:27:57 PM
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad   Modified: 5/2/2014 12:48:02 PM

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/µl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/µl] : 125
Upper Marker Concentration [pg/µl] : 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

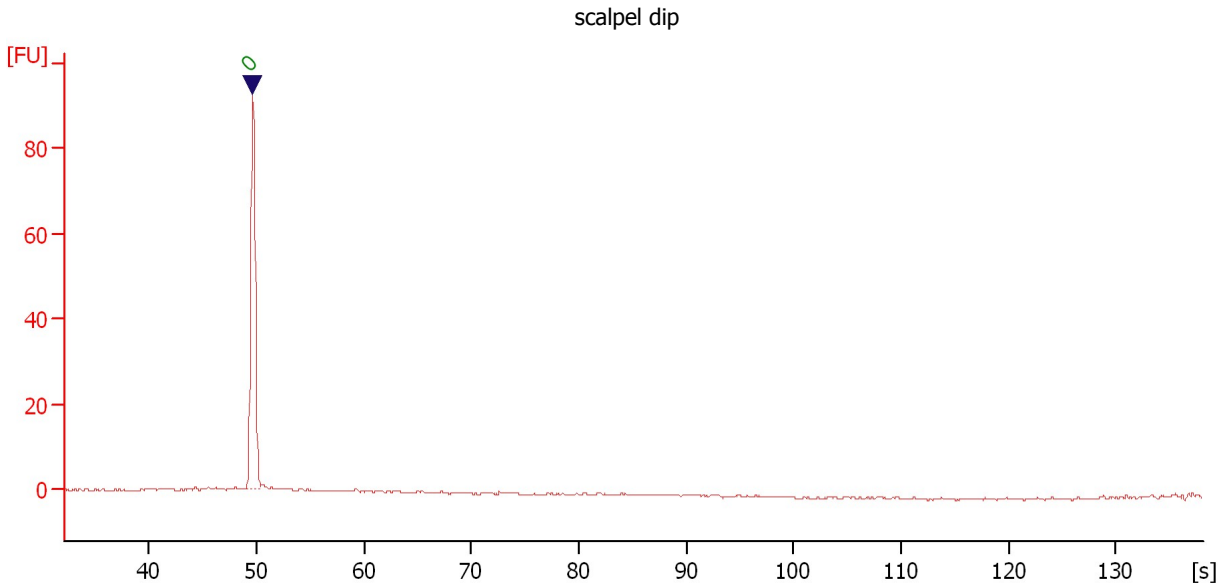**Filter Settings**

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

Assay Class: High Sensitivity DNA Assay   Created: 5/2/2014 12:27:57 PM
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad   Modified: 5/2/2014 12:48:02 PM

Electropherogram Summary

scalpel dip

Overall Results for sample 1 :   scalpel dip

Number of peaks found: 0   Noise: 0.2
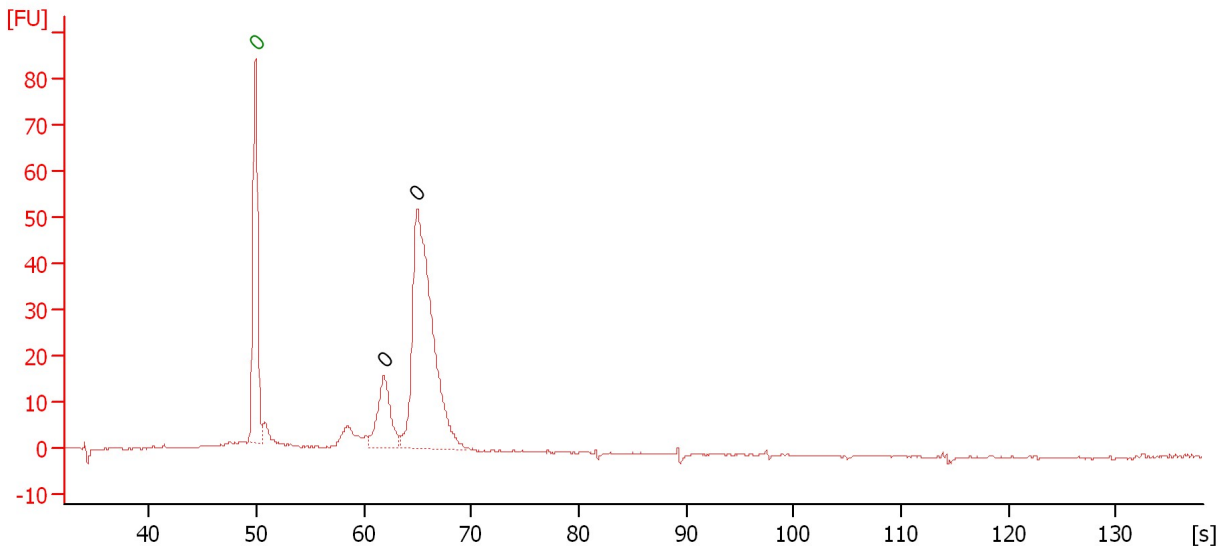

Peak table for sample 1 :   scalpel dip

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

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad

Created: 5/2/2014 12:27:57 PM
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Electropherogram Summary Continued ...

top half of band

Overall Results for sample 2 :   top half of band
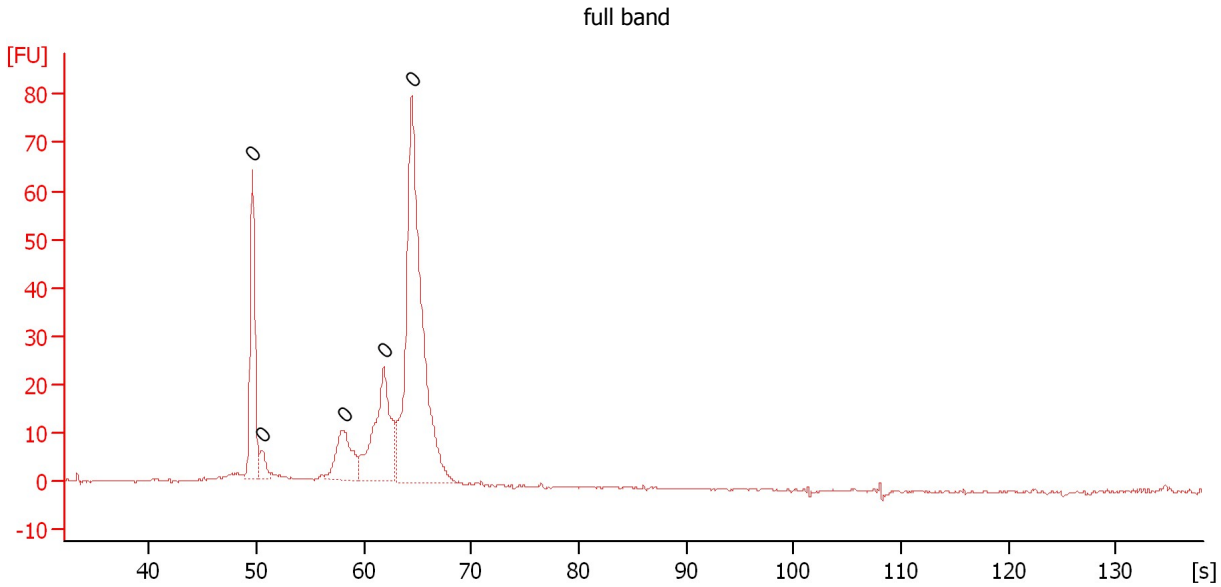
Number of peaks found:	2	Noise:	0.2

Peak table for sample 2 :   top half of band

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

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad

Created: 5/2/2014 12:27:57 PM
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Electropherogram Summary Continued ...

full band

Overall Results for sample 3 :   full band
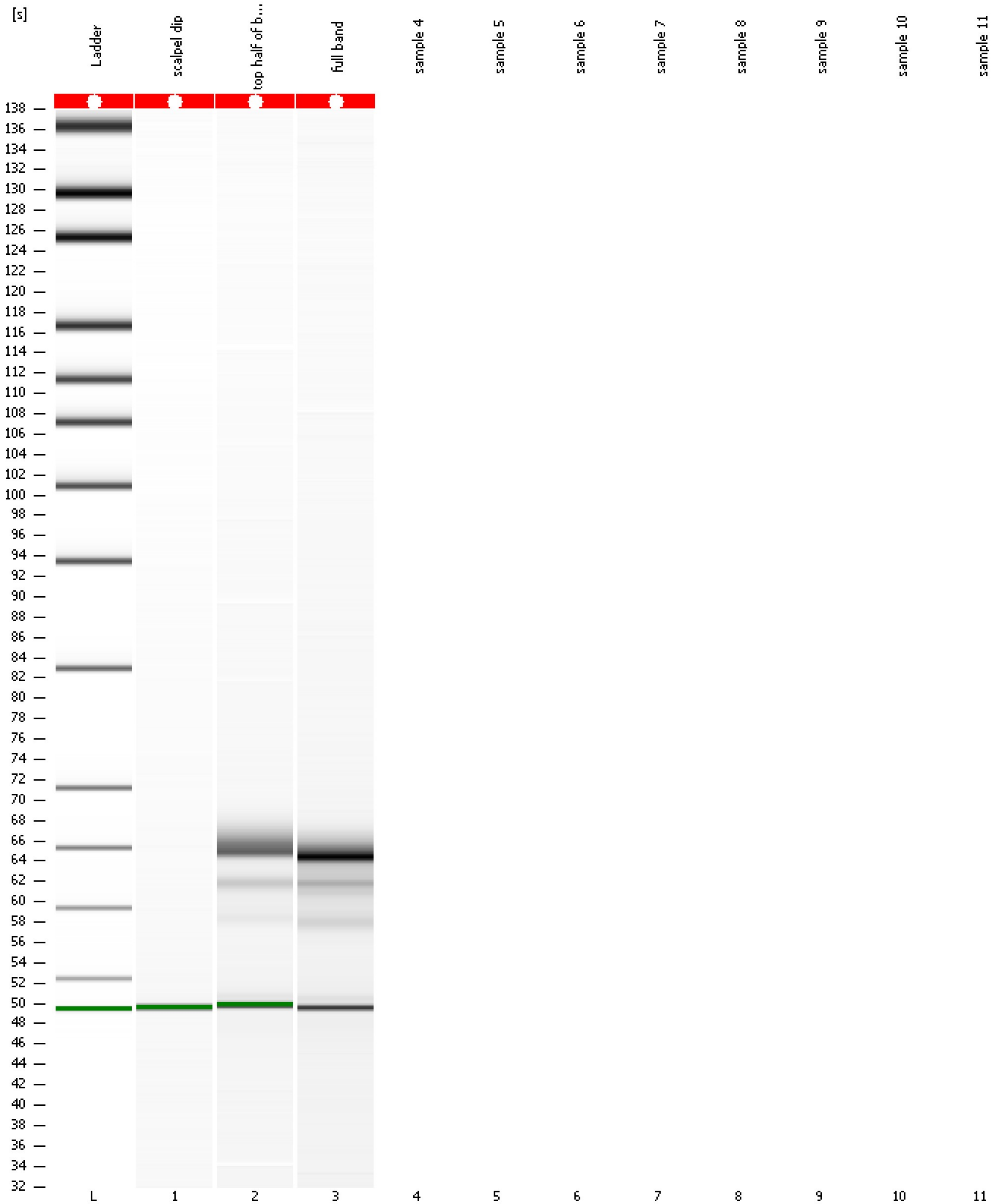
Number of peaks found:	0	Noise:	0.2

Peak table for sample 3 :   full band

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	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad

Created: 5/2/2014 12:27:57 PM
Modified: 5/2/2014 12:48:02 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_004.xad

Created: 5/2/2014 12:27:57 PM
Modified: 5/2/2014 12:48:02 PM

Invalid Samples

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

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.