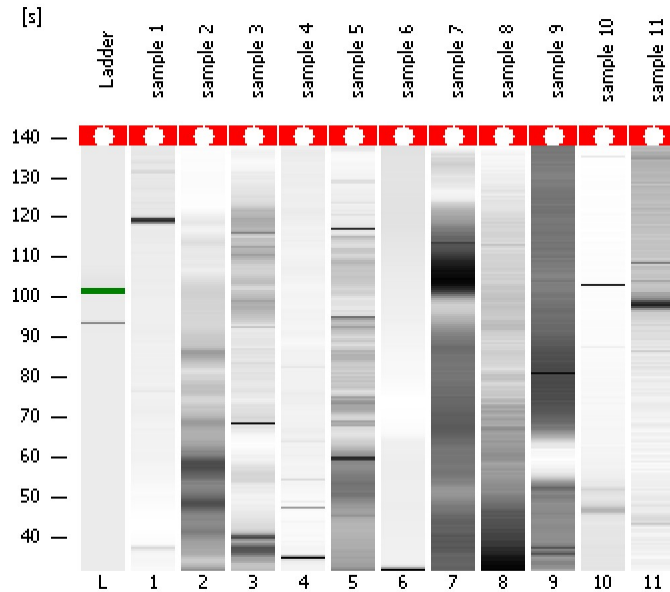


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 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

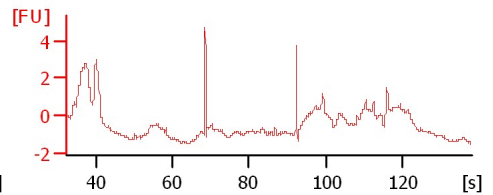
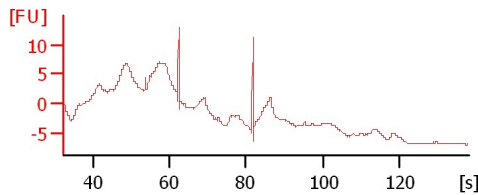
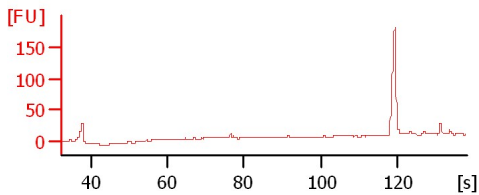
#### Chip Information:

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

sample 1

sample 2

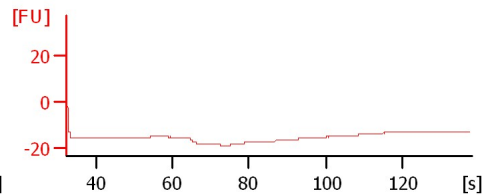
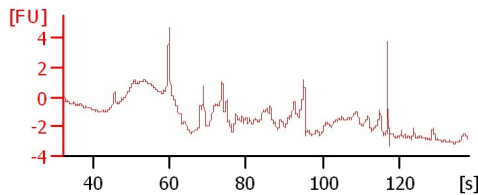
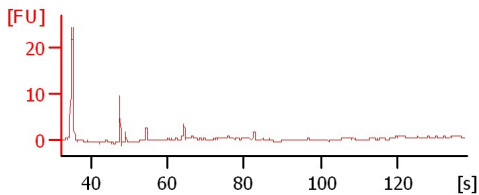
sample 3



sample 4

sample 5

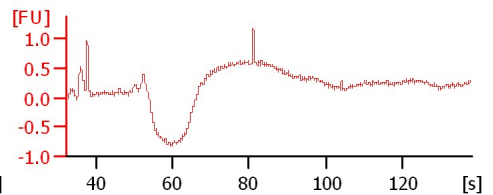
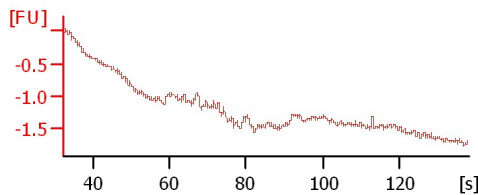
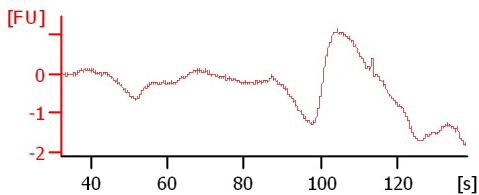
sample 6



sample 7

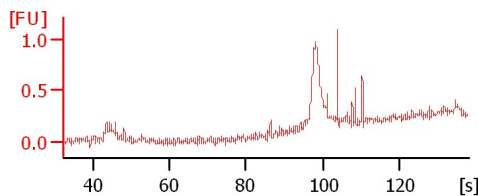
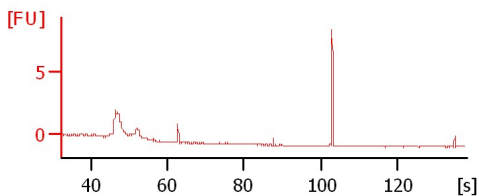
sample 8

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
 Modified: 7/3/2014 11:18:55 AM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input type="checkbox"/>	✓			
sample 7		<input type="checkbox"/>	✓			
sample 8		<input type="checkbox"/>	✓			
sample 9		<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
 Modified: 7/3/2014 11:18:55 AM

**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

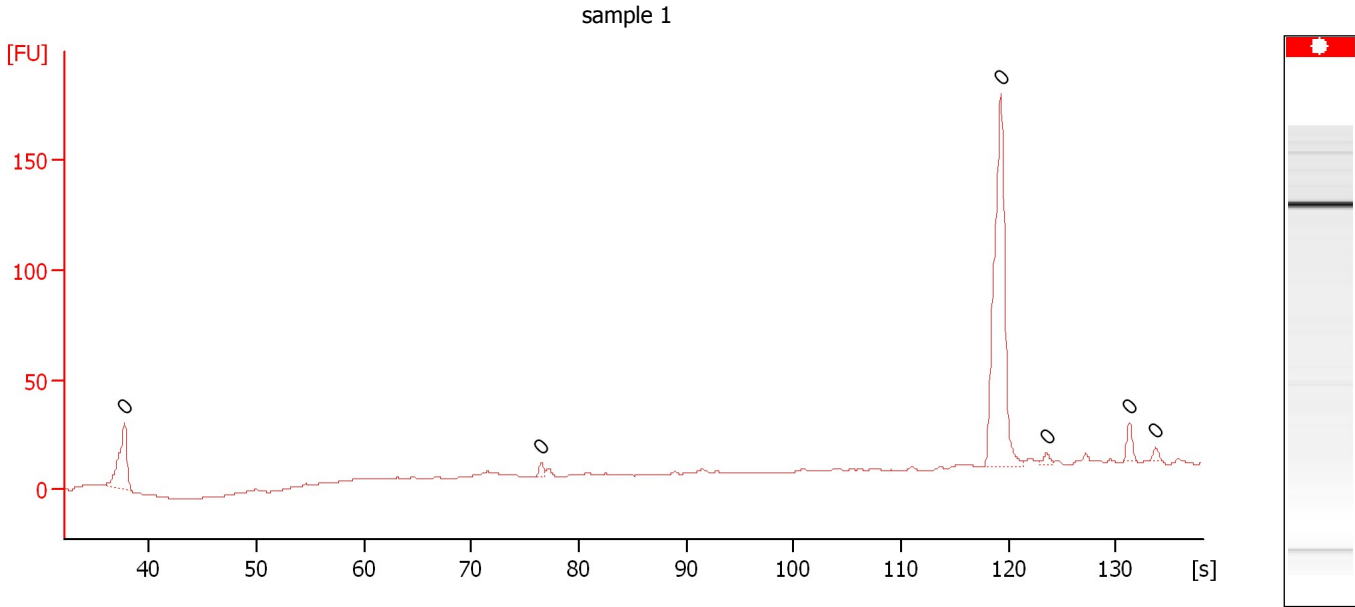
**Ladder**

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  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary**



**Overall Results for sample 1 : sample 1**

Number of peaks found: 0 Noise: 0.1

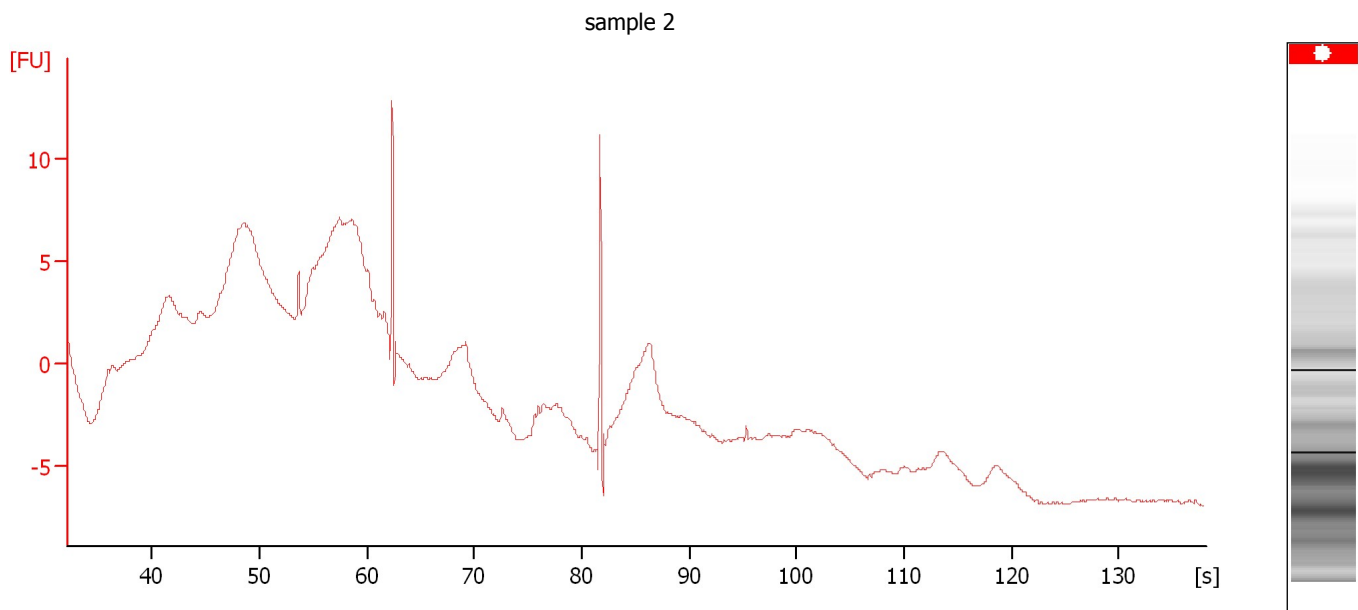
**Peak table for sample 1 : sample 1**

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	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**



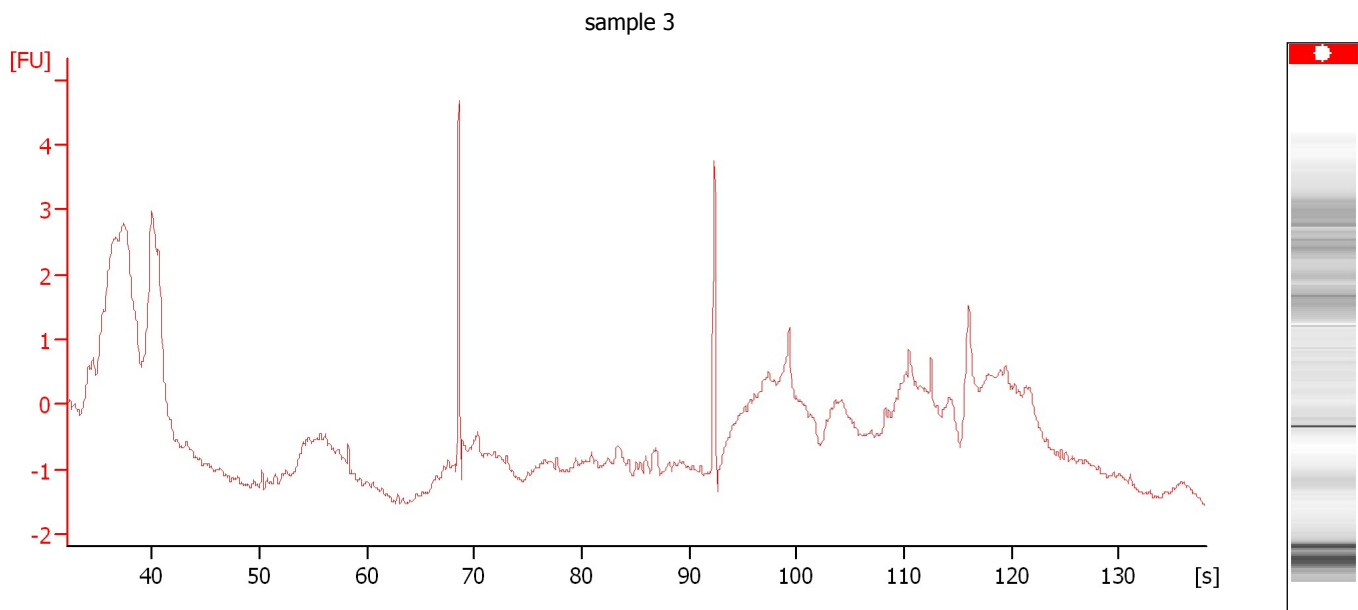
**Overall Results for sample 2 :** sample 2

Noise: 0.1

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sample 3**

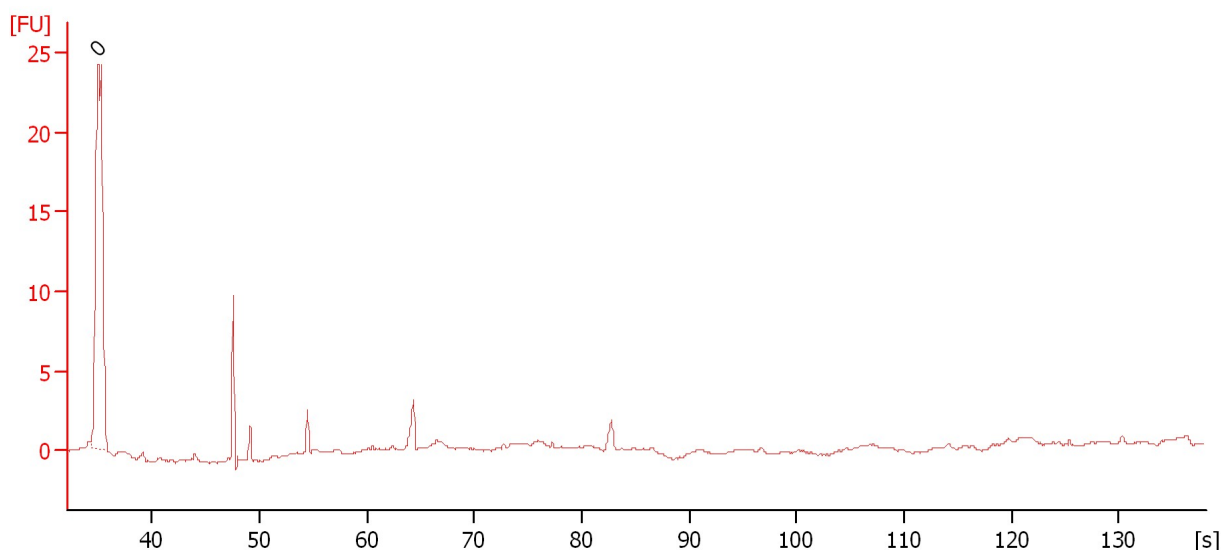
Noise: 0.1

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
 Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**

sample 4



**Overall Results for sample 4 : sample 4**

Number of peaks found: 0                      Noise: 0.1

**Peak table for sample 4 : sample 4**

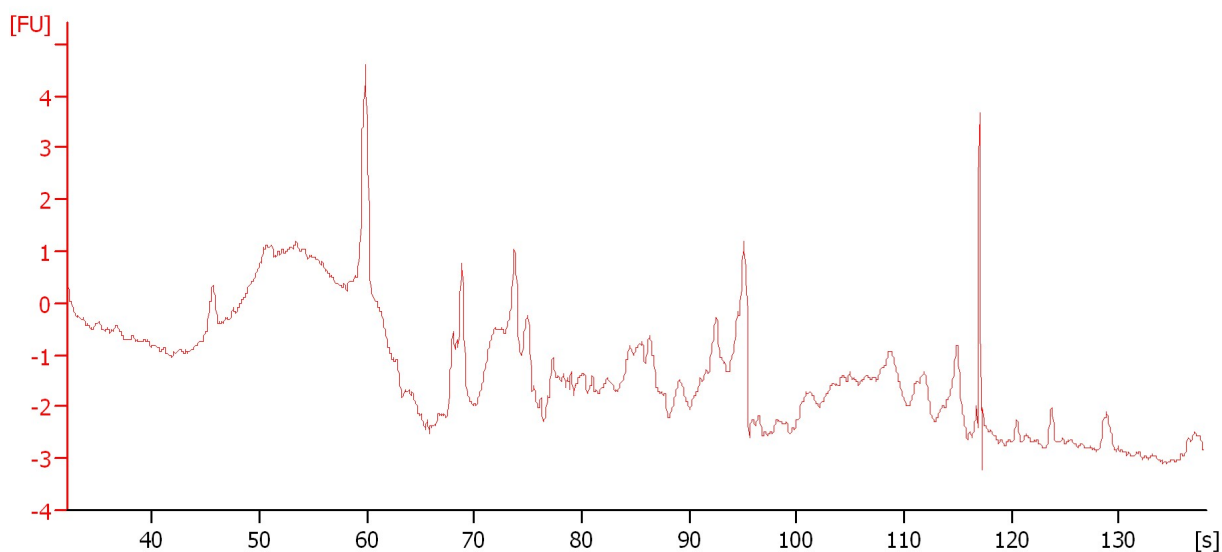
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**

sample 5



**Overall Results for sample 5 :** sample 5

Noise: 0.1

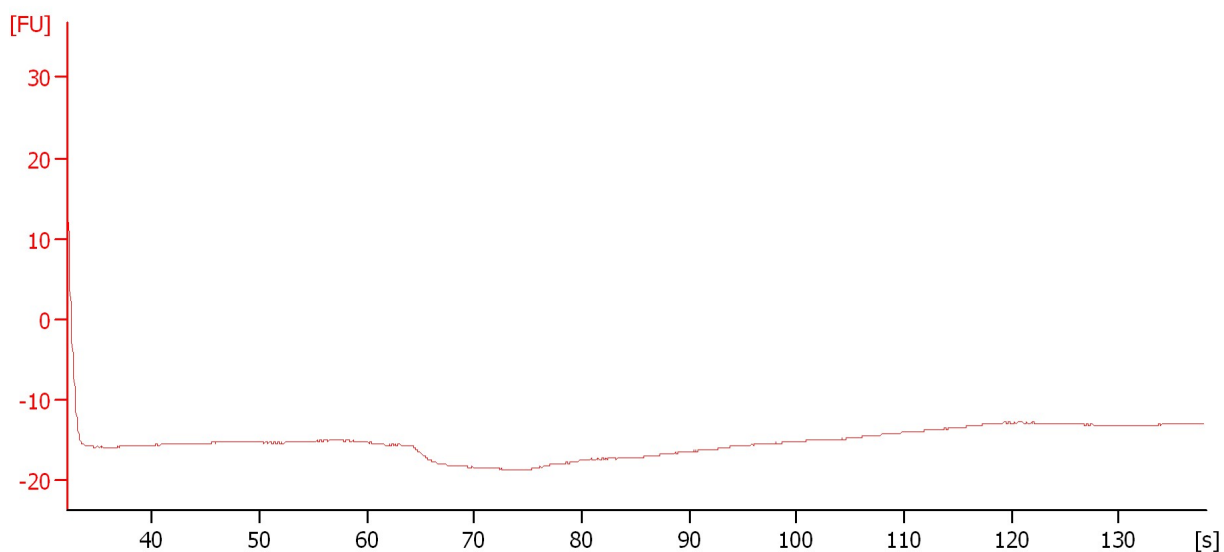


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**

sample 6



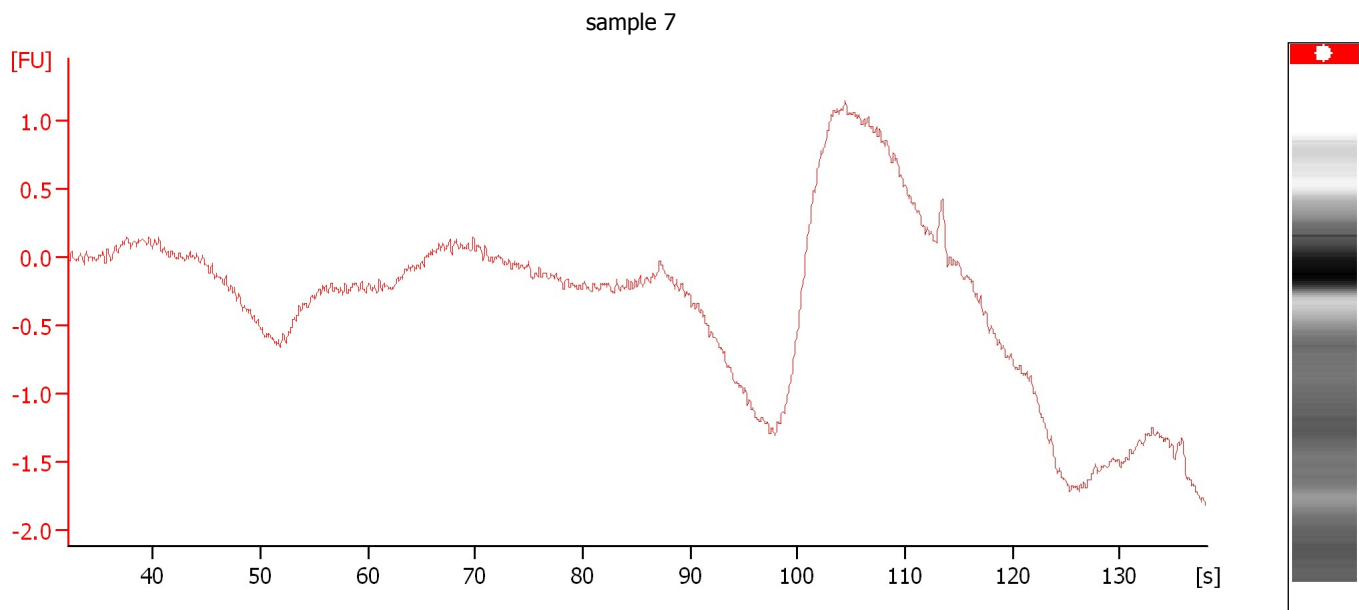
**Overall Results for sample 6 : sample 6**

Noise: 0.1

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 :** sample 7

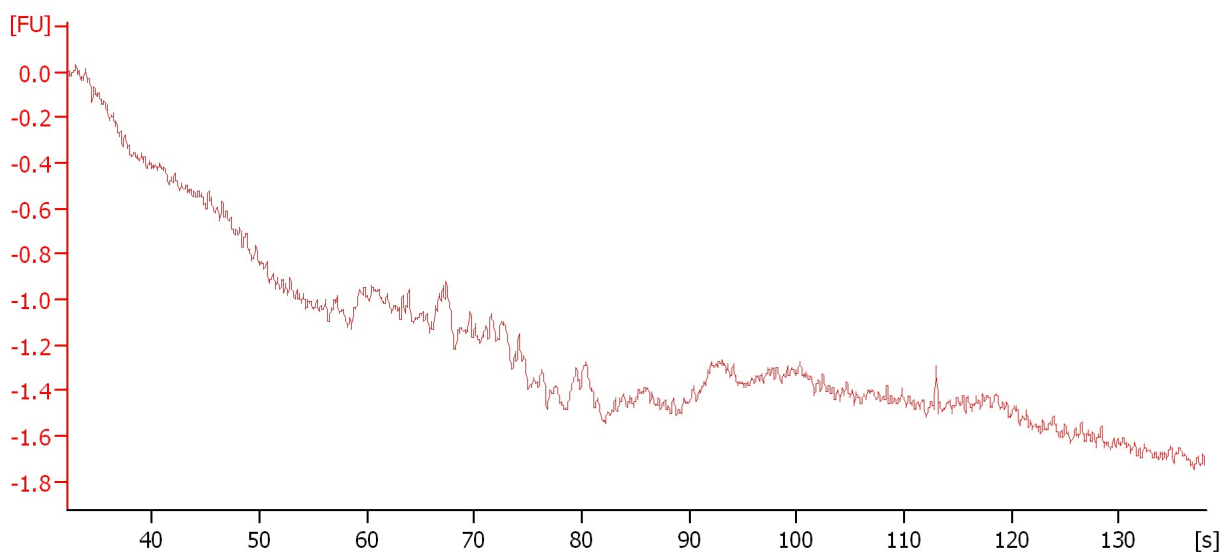
Noise: 0.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**

sample 8



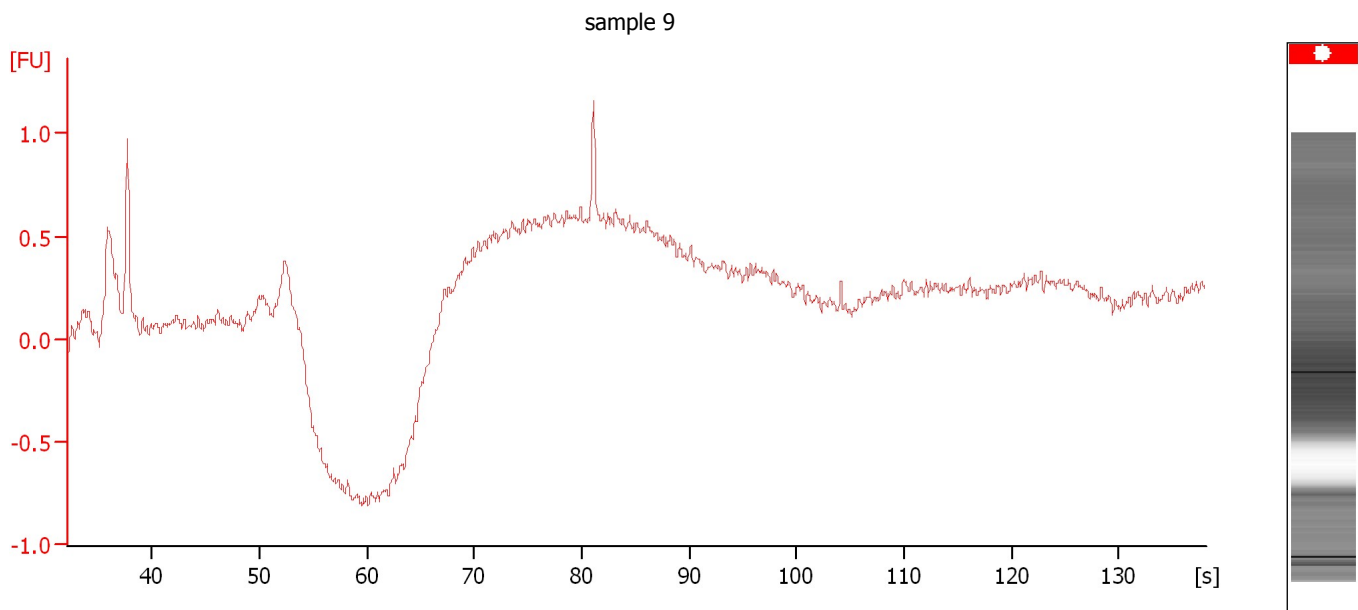
**Overall Results for sample 8 :** sample 8

Noise: 0.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**



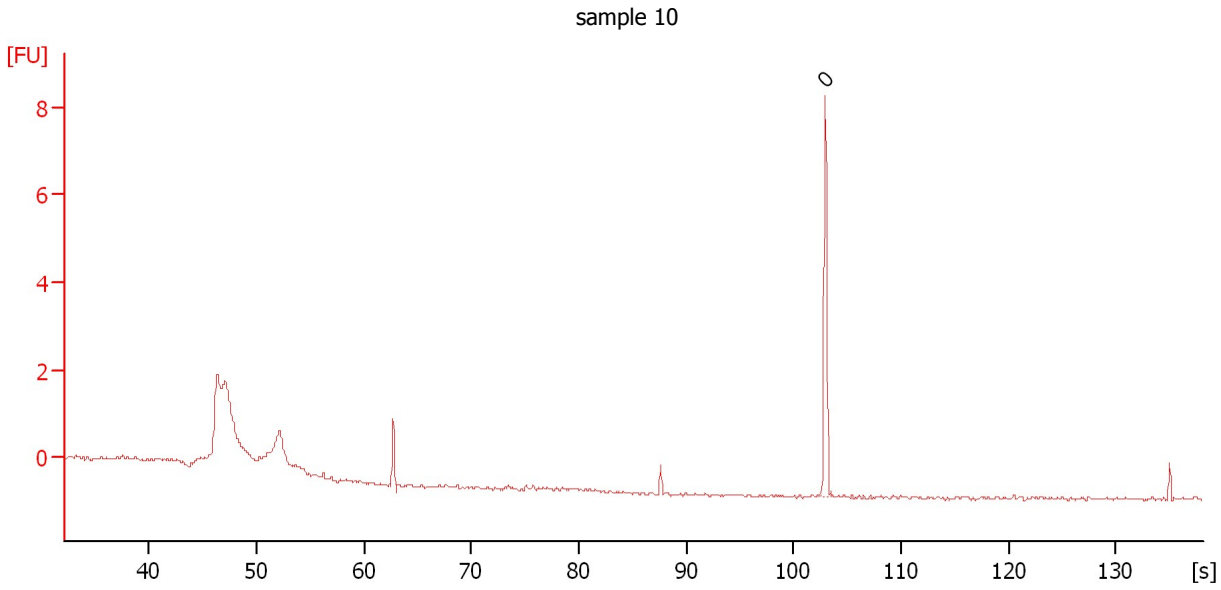
**Overall Results for sample 9 :** sample 9

Noise: 0.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : sample 10**

Number of peaks found: 0                      Noise: 0.0

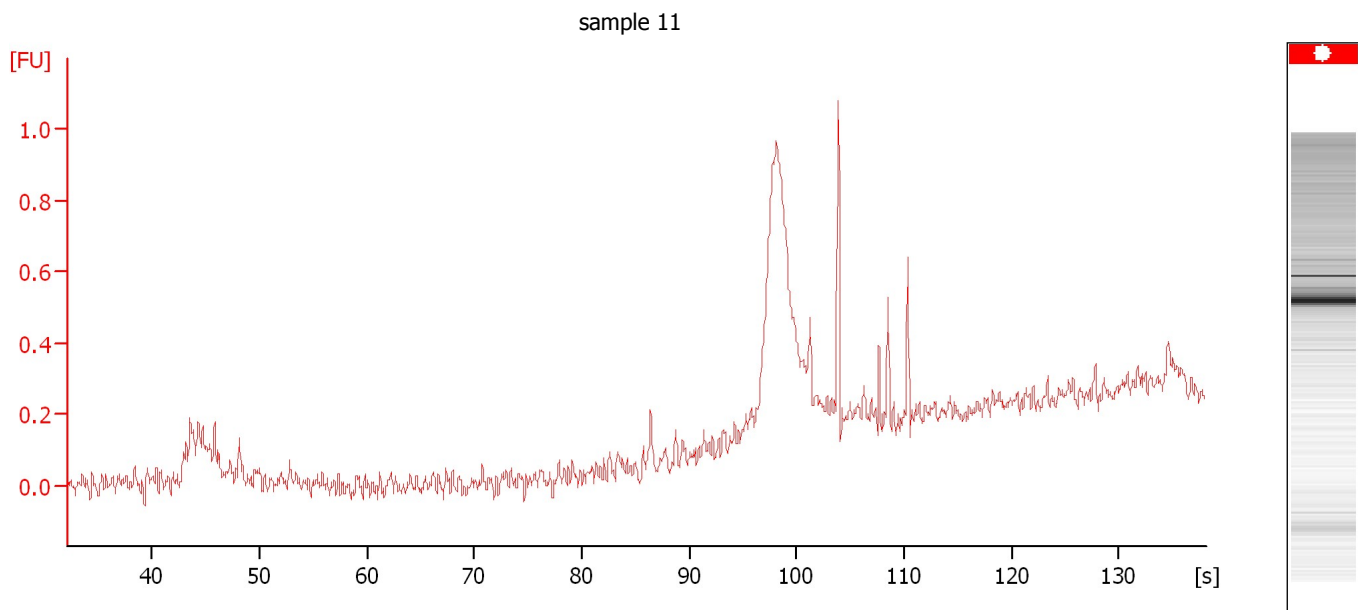
**Peak table for sample 10 : sample 10**

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:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 11**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-07-03\2014-07-03\_001.xad

Created: 7/3/2014 10:37:34 AM  
Modified: 7/3/2014 11:18:55 AM

**Gel Image**

