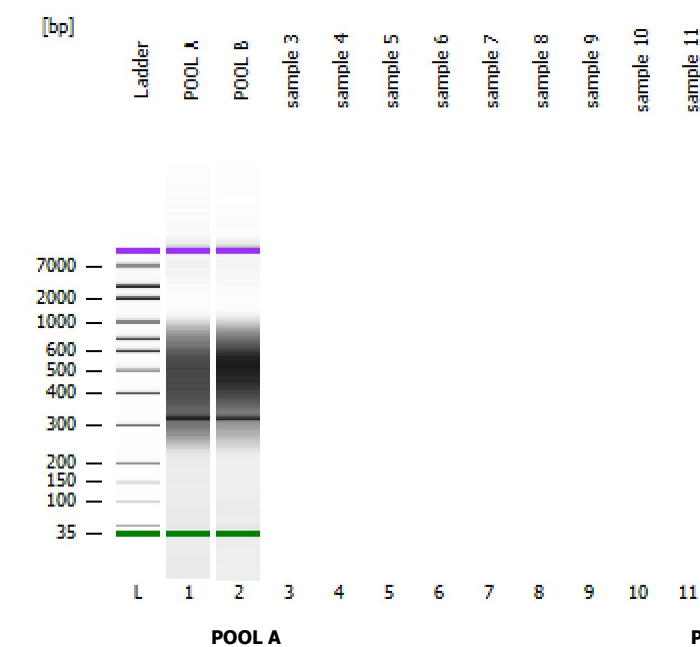


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE13701072_2016-08-19_14-35-11.xad

Created: 8/19/2016 2:35:10 PM
Modified: 8/19/2016 2:53:11 PM

Electrophoresis File Run Summary



Instrument Information:

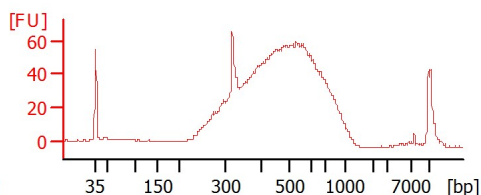
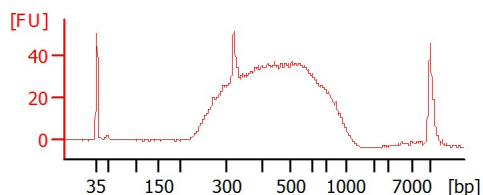
Instrument Name: DE13701072 Firmware: C.01.069
Serial#: DE13701072 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files (x86)\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:



Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE13701072_2016-08-19_14-35-11.xad

Created: 8/19/2016 2:35:10 PM
Modified: 8/19/2016 2:53:11 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
POOL A		☐	✓			
POOL B		☐	✓			
sample 3		☐				
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
Data Path: D:\...gh Sensitivity DNA Assay_DE13701072_2016-08-19_14-35-11.xad

Created: 8/19/2016 2:35:10 PM
Modified: 8/19/2016 2:53:11 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

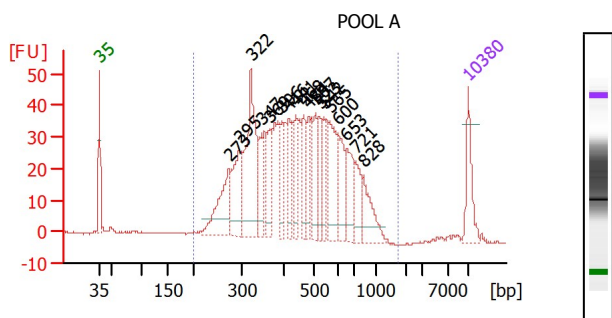
Ladder

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
 Data Path: D:\...gh Sensitivity DNA Assay_DE13701072_2016-08-19_14-35-11.xad

Created: 8/19/2016 2:35:10 PM
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Electropherogram Summary



Overall Results for sample 1 : POOL A

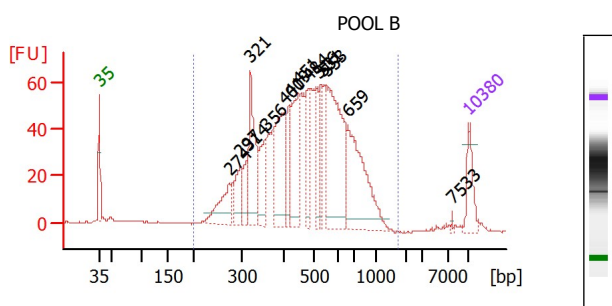
Number of peaks found: 18
 Noise: 0.3
 Corr. Area 1: 1,189.2

Region table for sample 1 : POOL A

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,685	1,189.2	97	470	34.5	2,566.81	9,636.6	Blue

Peak table for sample 1 :

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	273	190.49	1,056.2	
3	295	169.27	870.1	
4	322	344.84	1,624.5	
5	347	86.41	377.4	
6	369	126.34	519.4	
7	396	69.33	265.5	
8	416	79.37	288.8	
9	441	79.30	272.2	
10	468	82.53	267.1	
11	484	67.66	211.9	
12	507	81.14	242.3	
13	523	88.13	255.5	
14	542	58.52	163.5	
15	565	129.51	347.4	
16	600	105.18	265.7	
17	653	102.07	236.8	
18	721	74.96	157.5	
19	828	93.36	170.9	
20	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : POOL B

Number of peaks found: 14
 Noise: 0.3
 Corr. Area 1: 1,541.5

Region table for sample 2 : POOL B

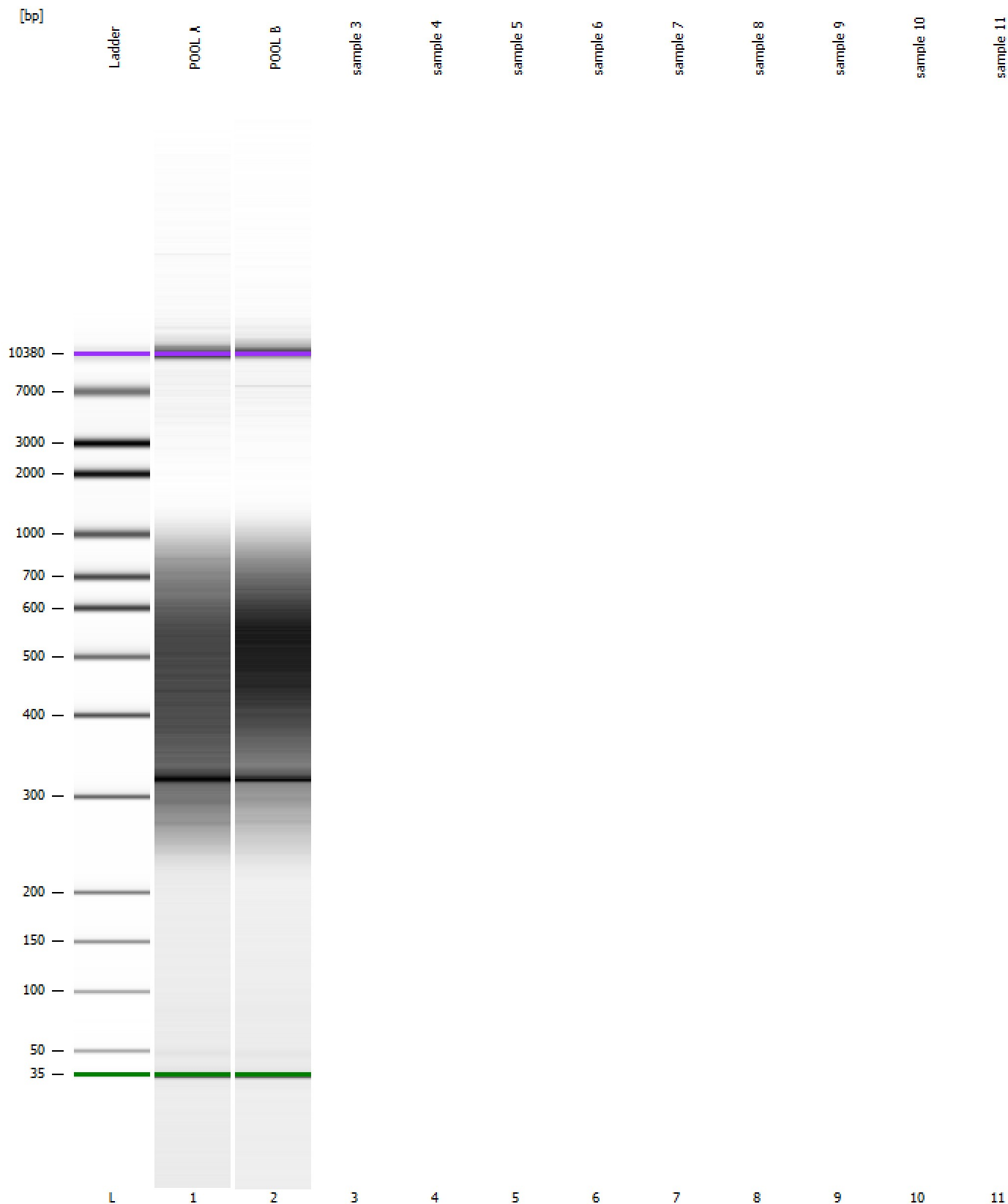
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,714	1,541.5	97	492	32.8	3,000.05	10,621.1	Blue

Peak table for sample 2 :

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	274	146.72	811.0	
3	297	117.35	597.7	
4	314	83.45	402.0	
5	321	244.34	1,154.3	
6	356	133.27	567.7	
7	400	253.00	958.4	
8	419	110.72	400.2	
9	451	227.76	765.9	
10	484	122.72	384.4	
11	516	87.07	255.7	
12	531	86.32	246.5	
13	553	463.55	1,269.1	
14	659	355.94	818.1	
15	7,533	4.07	0.8	
16	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE13701072_2016-08-19_14-35-11.xad

Created: 8/19/2016 2:35:10 PM
Modified: 8/19/2016 2:53:11 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE13701072_2016-08-19_14-35-11.xad

Created: 8/19/2016 2:35:10 PM
Modified: 8/19/2016 2:53:11 PM

Invalid Samples

Sample 3 has not been run, no results available.

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.