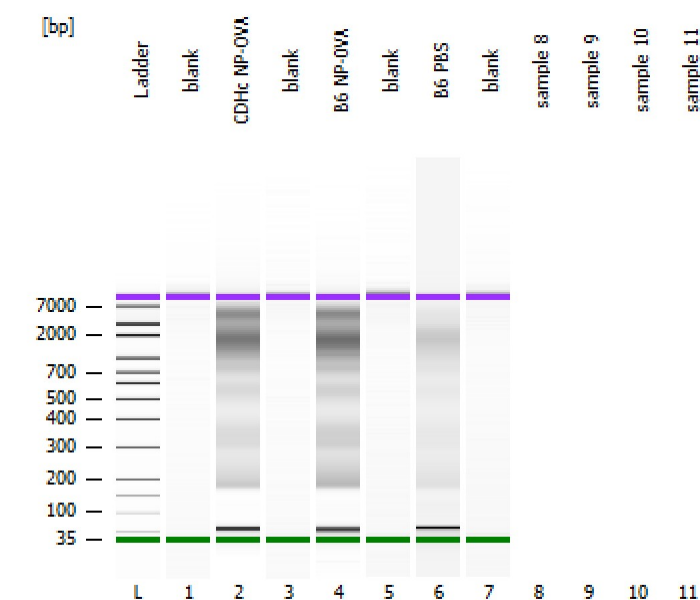


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
Modified: 7/29/2015 2:48:51 PM

Electrophoresis File Run Summary



Instrument Information:

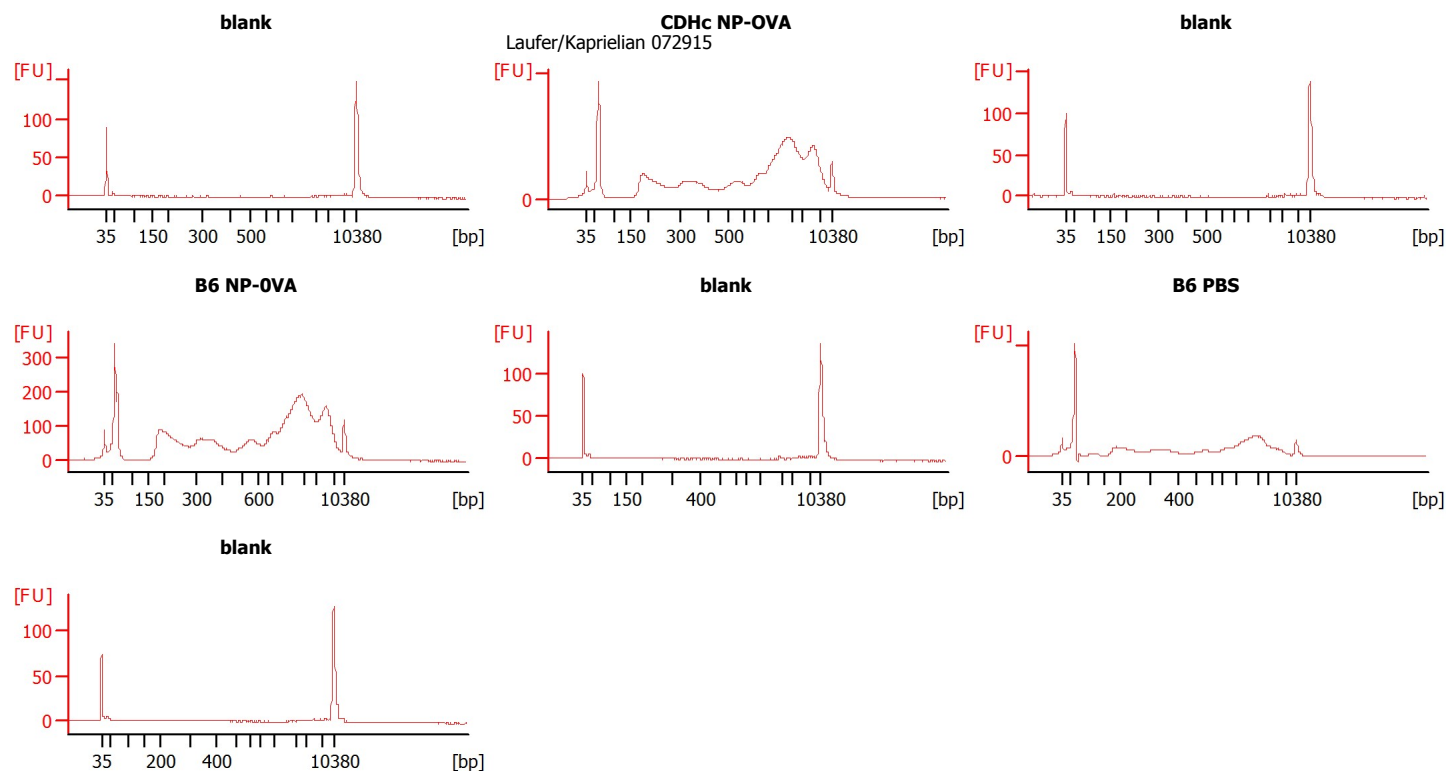
Instrument Name: DE72902186 Firmware: C.01.069
Serial#: DE72902186 Type: G2939A

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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
Modified: 7/29/2015 2:48:51 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
blank		<input type="checkbox"/>	✓			
CDHc NP-OVA	Laufer/Kaprielian	<input type="checkbox"/>	✓			
blank		<input type="checkbox"/>	✓			
B6 NP-OVA		<input type="checkbox"/>	✓			
blank		<input type="checkbox"/>	✓			
B6 PBS		<input type="checkbox"/>	✓			
blank		<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:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
Modified: 7/29/2015 2:48:51 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

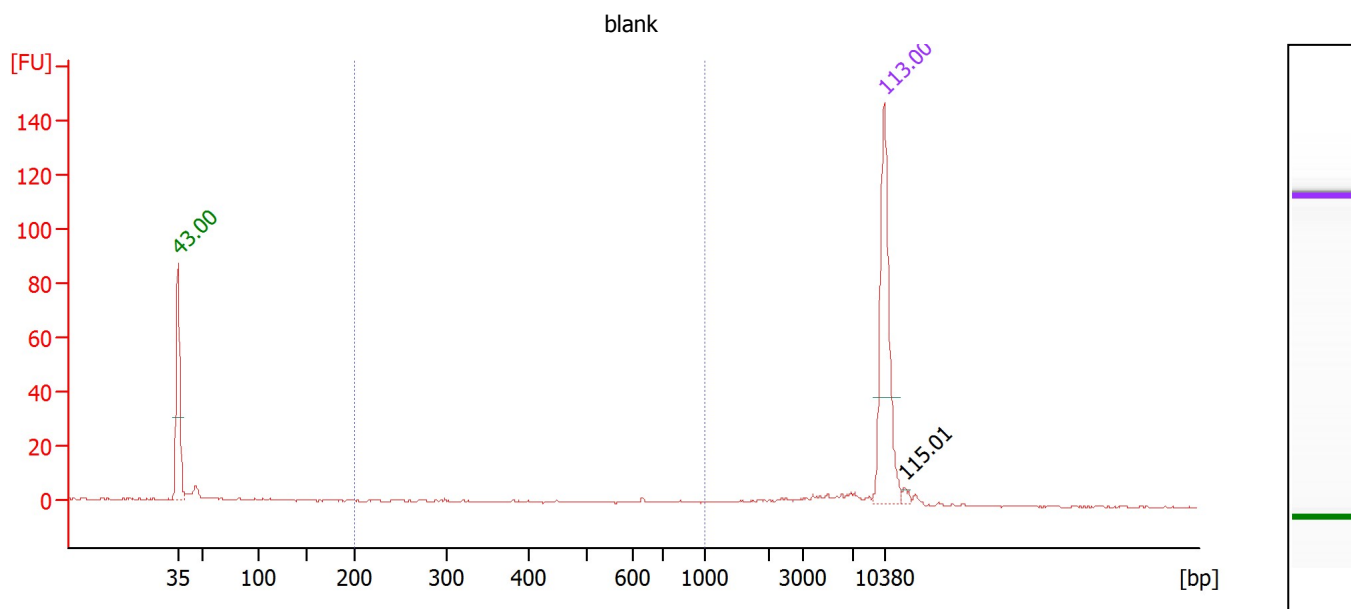
Ladder

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: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary



Overall Results for sample 1 : blank

Number of peaks found: 1 Corr. Area 1: 16.0
 Noise: 0.3

Peak table for sample 1 : blank

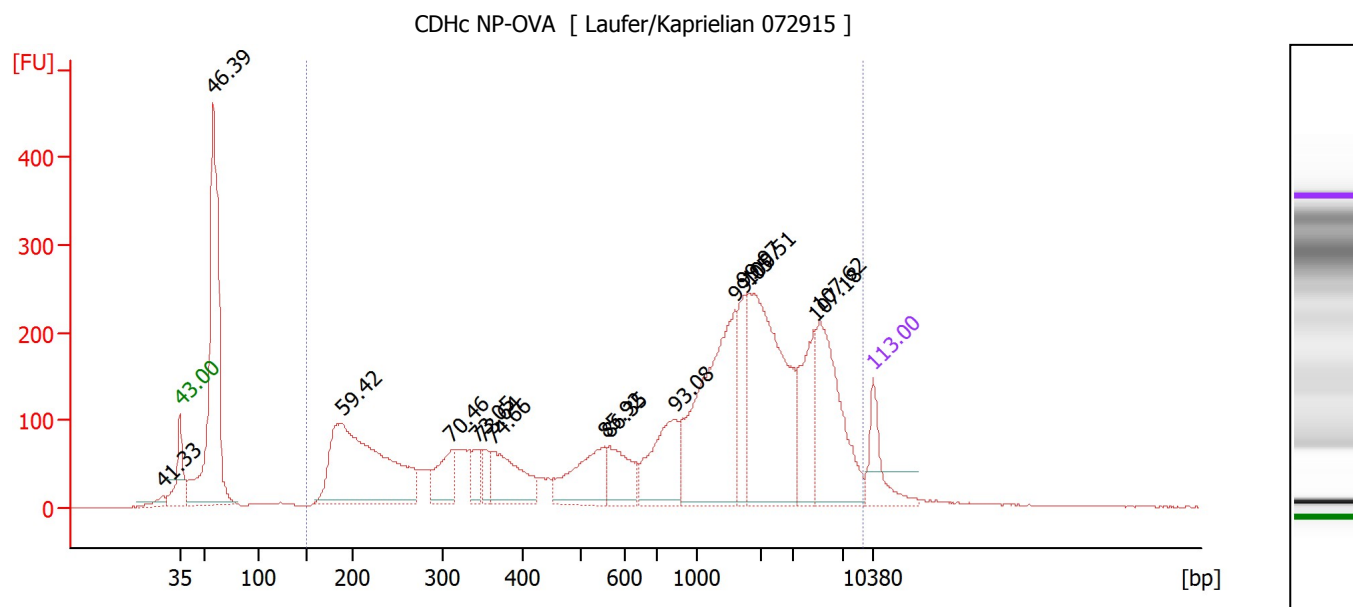
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker
3	12,564	0.00	0.0	

Region table for sample 1 : blank

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	16.0	20	519	40.8	12.87	48.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : CDHc NP-OVA**

Number of peaks found: 15 Corr. Area 1: 5,768.7
 Noise: 0.4

Peak table for sample 2 : CDHc NP-OVA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	29	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	59	939.25	24,305.2	
4	189	727.98	5,836.3	
5	311	115.51	563.0	
6	343	53.79	237.9	
7	350	38.61	167.2	
8	362	173.01	723.2	
9	555	166.98	456.0	
10	564	108.29	290.8	
11	848	173.50	310.0	
12	1,607	398.50	375.8	
13	1,748	105.42	91.4	
14	1,831	443.38	366.9	
15	4,823	134.71	42.3	
16	5,170	246.01	72.1	
17	10,380	75.00	10.9	Upper Marker

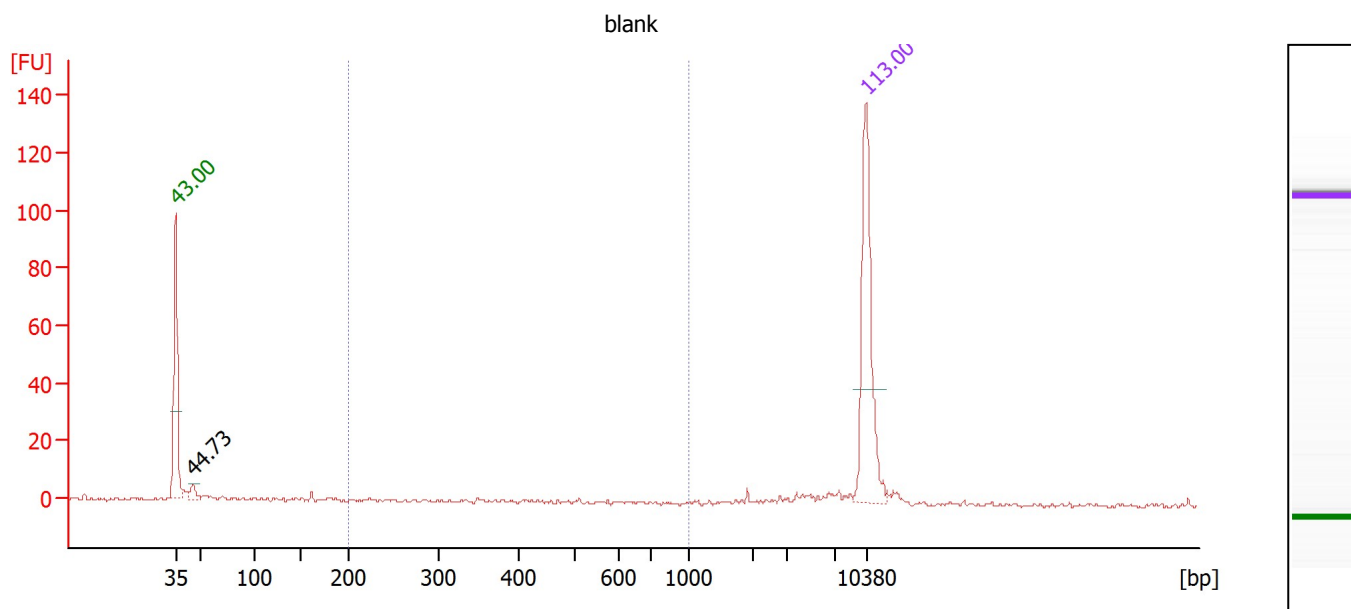
Region table for sample 2 : CDHc NP-OVA

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
150	9,214	5,768.7	82	1,912	100.0	3,179.64	10,144.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : blank

Number of peaks found: 1 Corr. Area 1: 1.1
 Noise: 0.7

Peak table for sample 3 : blank

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	46	7.96	264.1	
3	10,380	75.00	10.9	Upper Marker

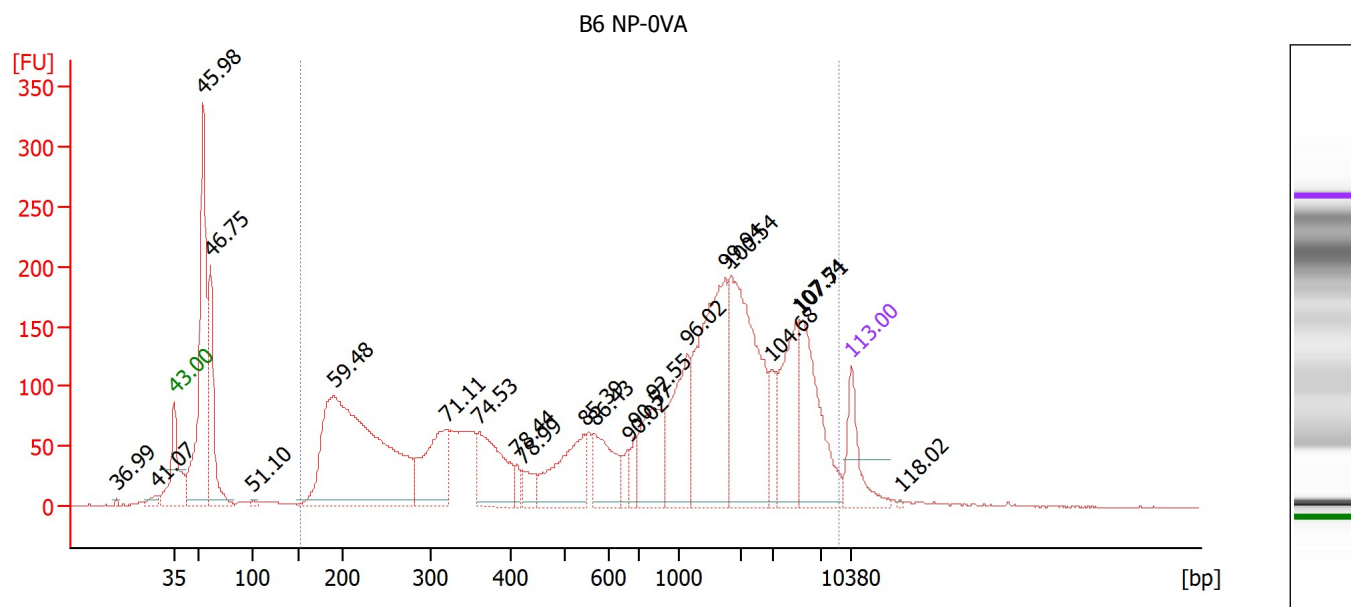
Region table for sample 3 : blank

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1.1	3	405	24.3	0.90	3.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : B6 NP-OVA

Number of peaks found: 22 Corr. Area 1: 4,801.7
 Noise: 0.7

Peak table for sample 4 : B6 NP-OVA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	14	0.00	0.0	
2	28	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	55	617.55	17,063.5	
5	62	292.09	7,169.3	
6	101	7.14	107.4	
7	190	976.99	7,807.5	
8	319	202.71	963.4	
9	361	183.21	769.4	
10	413	20.97	77.0	
11	422	39.01	139.9	
12	543	164.12	457.7	
13	566	112.65	301.4	
14	666	30.68	69.8	
15	683	28.47	63.1	
16	809	147.52	276.3	
17	1,139	169.79	225.9	
18	1,743	339.39	295.0	
19	1,837	342.28	282.4	
20	2,928	53.11	27.5	
21	5,112	153.99	45.6	
22	5,245	185.45	53.6	
23	10,380	75.00	10.9	Upper Marker
24	15,833	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
Modified: 7/29/2015 2:48:51 PM

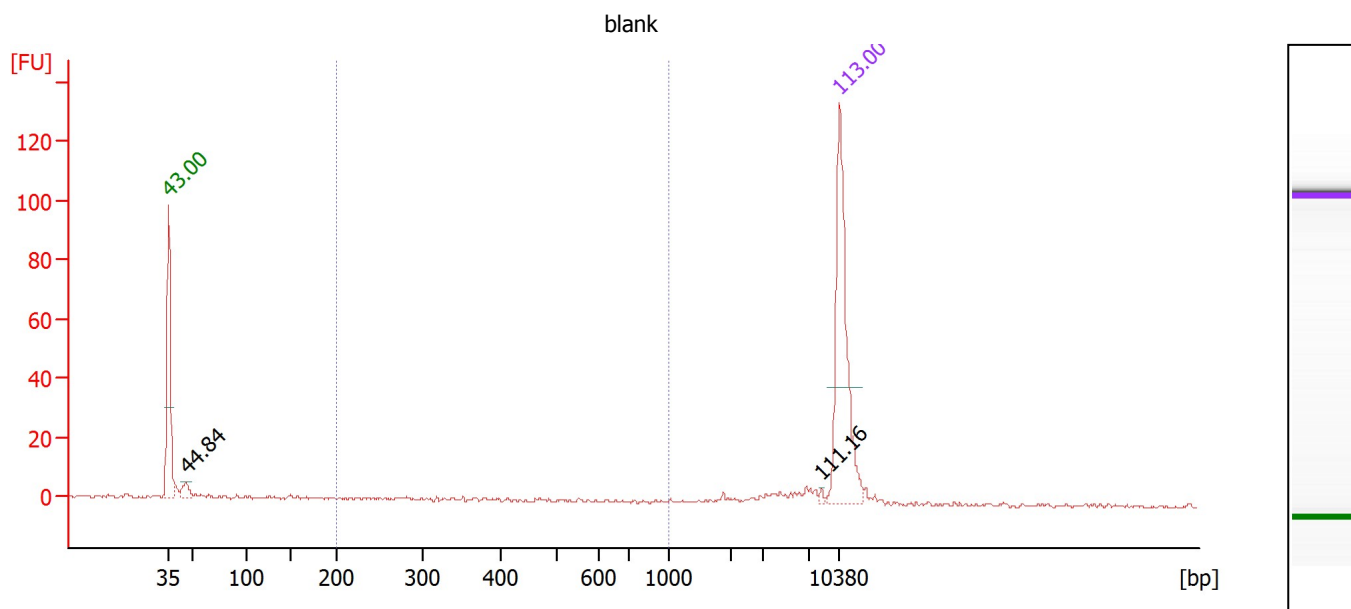
Electropherogram Summary Continued ...**... Region table for sample 4 :****B6 NP-OVA**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Co lor
153	9,051	4,801.7	83	1,740	100.0	3,295.53	11,362.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : blank

Number of peaks found: 2 Corr. Area 1: 4.7
 Noise: 0.4

Peak table for sample 5 : blank

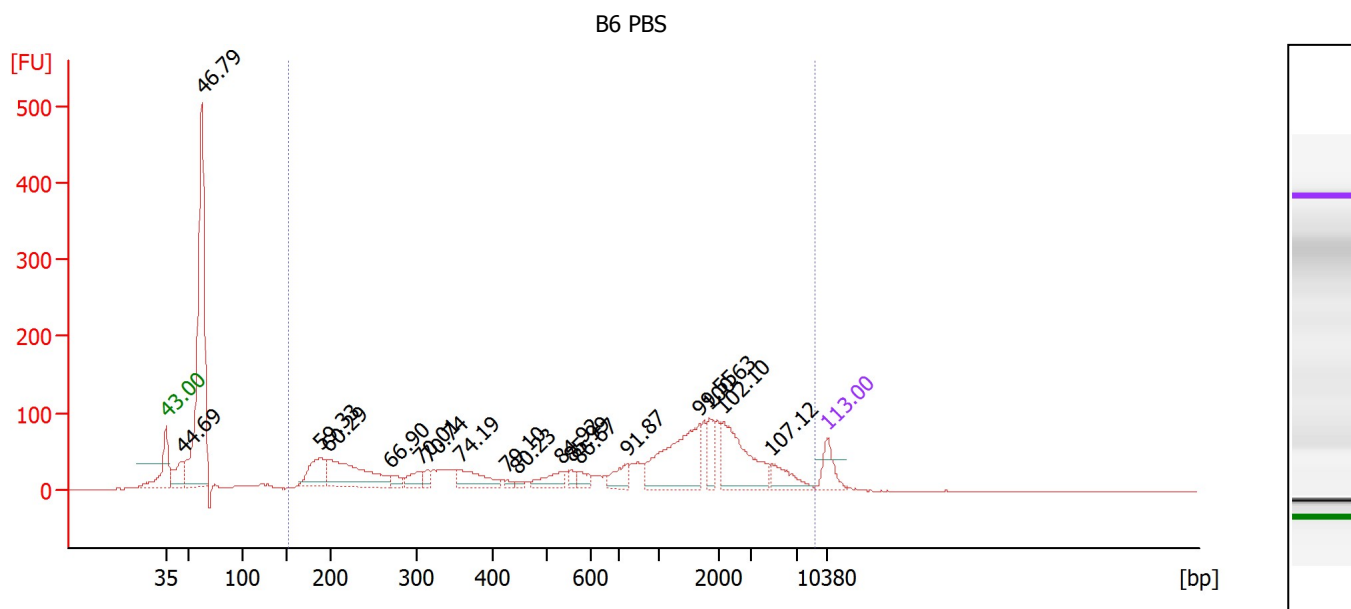
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	46	9.59	313.8	
3	8,384	1.18	0.2	
4	10,380	75.00	10.9	Upper Marker

Region table for sample 5 : blank

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	4.7	9	391	36.5	3.59	16.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : B6 PBS**

Number of peaks found: 18 Corr. Area 1: 2,060.4
 Noise: 0.4

Peak table for sample 6 : B6 PBS

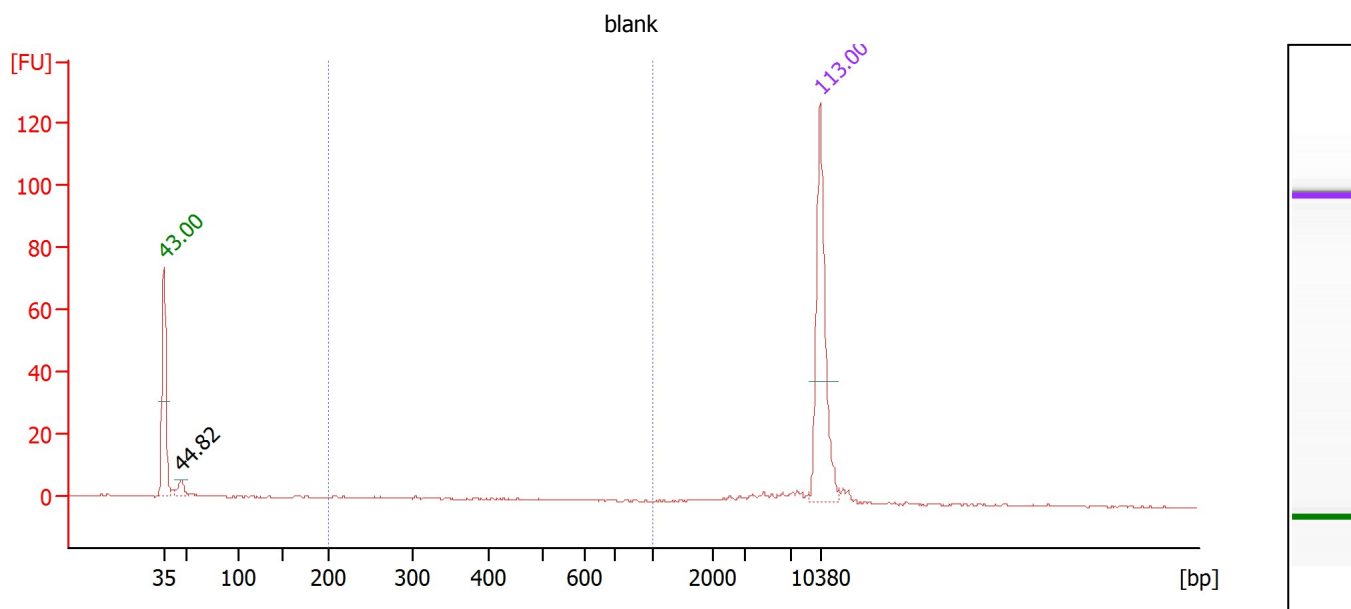
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	45	155.69	5,191.5	
3	62	1,658.76	40,495.4	
4	188	202.74	1,634.1	
5	198	415.30	3,175.3	
6	271	38.73	216.9	
7	305	69.82	346.6	
8	314	33.88	163.3	
9	357	133.77	568.4	
10	424	13.36	47.7	
11	444	11.80	40.2	
12	533	77.89	221.4	
13	557	23.20	63.2	
14	571	40.86	108.3	
15	758	71.66	143.2	
16	1,684	345.06	310.5	
17	1,850	68.05	55.7	
18	2,149	258.79	182.4	
19	4,775	81.57	25.9	
20	10,380	75.00	10.9	Upper Marker

Region table for sample 6 : B6 PBS

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
152	9,063	2,060.4	66	1,441	100.0	2,613.65	9,488.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
 Modified: 7/29/2015 2:48:51 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : blank**

Number of peaks found: 1 Corr. Area 1: 9.1
 Noise: 0.2

Peak table for sample 7 : blank

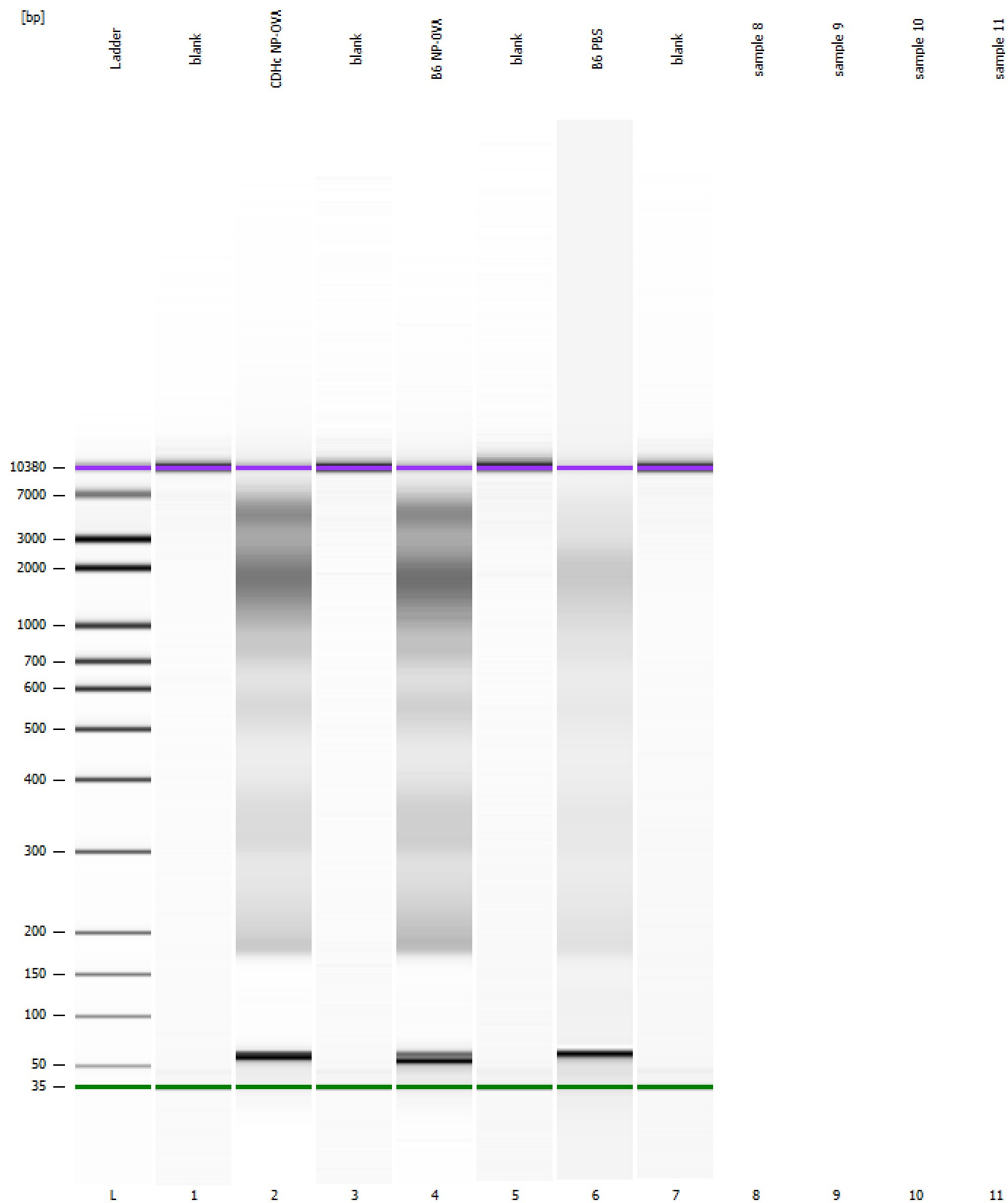
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	46	10.58	346.9	
3	10,380	75.00	10.9	Upper Marker

Region table for sample 7 : blank

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	9.1	16	415	42.2	8.46	38.3	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
Modified: 7/29/2015 2:48:51 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902186_2015-07-29_14-15-12.xad

Created: 7/29/2015 2:15:11 PM
Modified: 7/29/2015 2:48:51 PM

Invalid Samples

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.