

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
Modified: 3/10/2016 3:43:00 PM

Electrophoresis File Run Summary

Instrument Information:

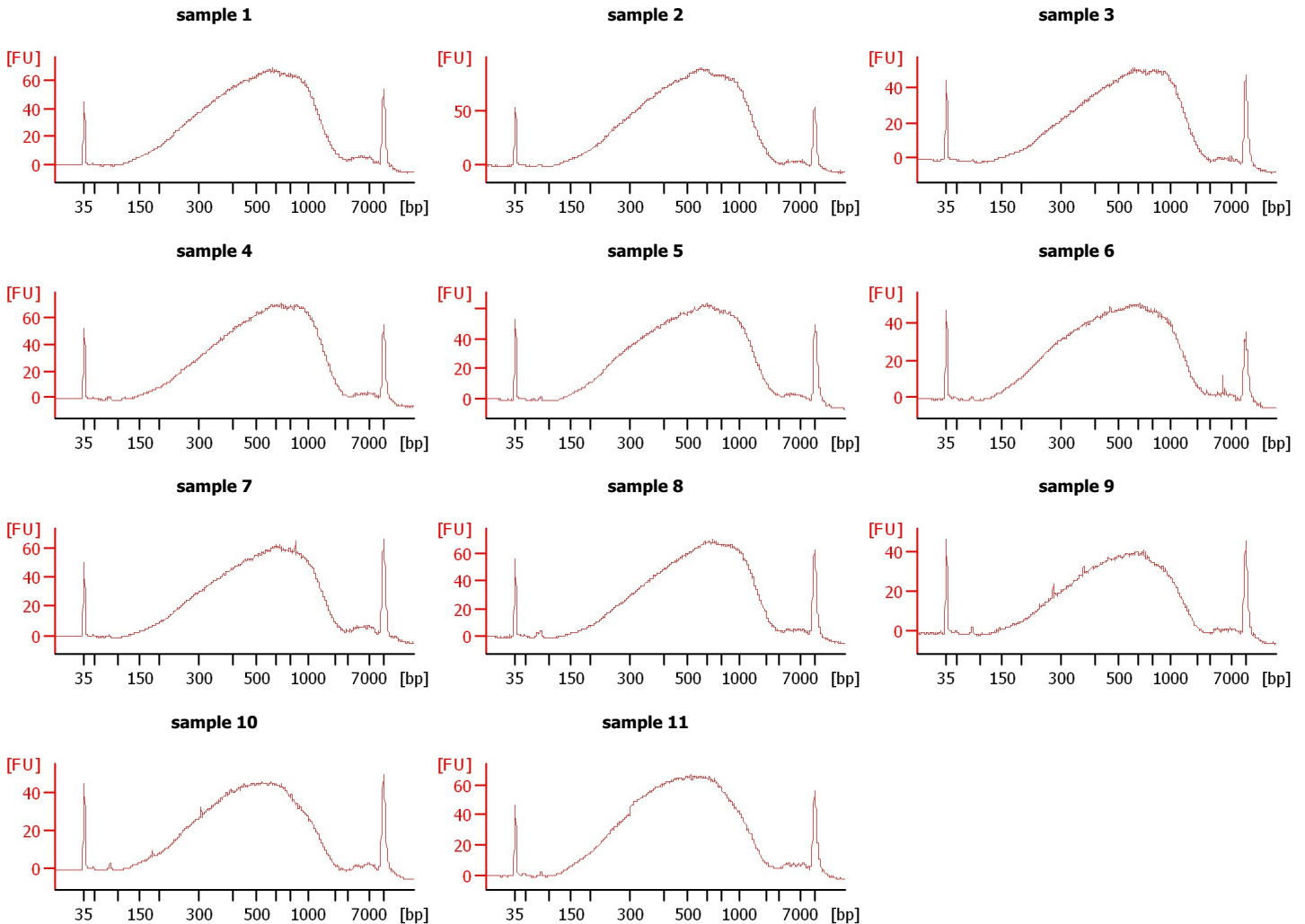
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



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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 :

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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/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

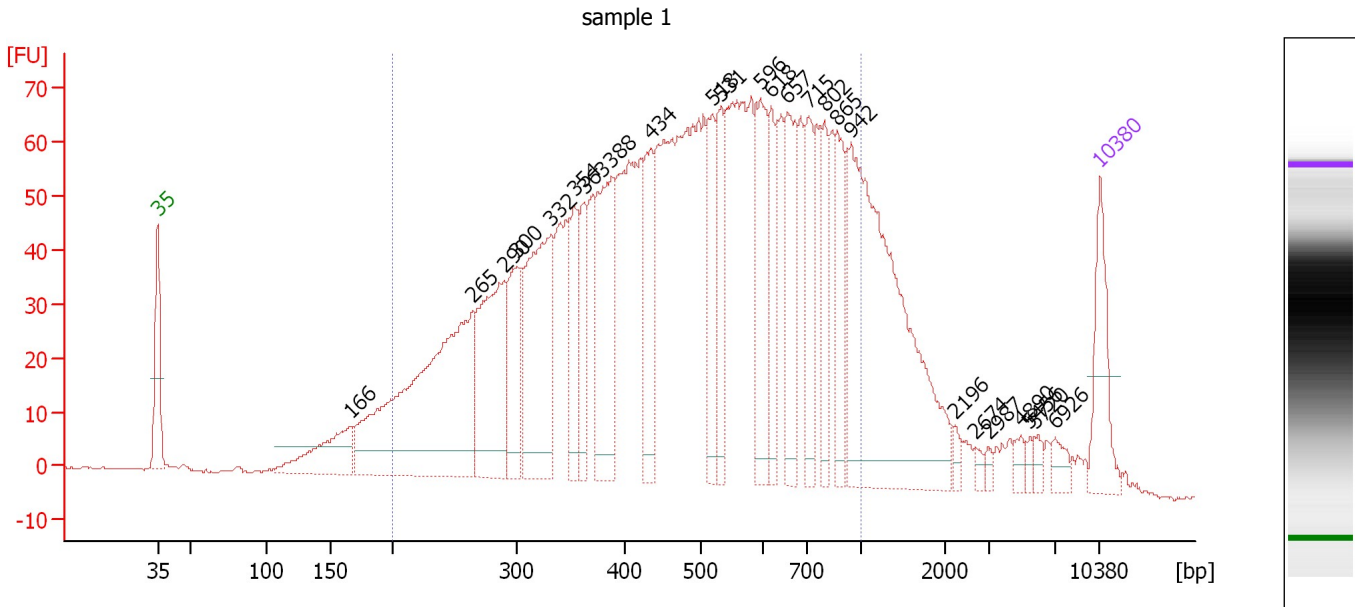
Ladder

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

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Electropherogram Summary



Overall Results for sample 1 : sample 1

Number of peaks found: 25 Corr. Area 1: 2,246.0
 Noise: 0.2

Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	166	120.65	1,100.9		57.31
3	265	574.92	3,289.9		66.43
4	290	247.04	1,290.6		68.74
5	300	125.19	631.5		69.69
6	332	274.13	1,250.7		72.24
7	354	91.10	390.1		73.99
8	363	84.41	352.7		74.69
9	388	197.87	772.8		76.72
10	434	118.85	415.2		79.61
11	518	93.65	274.1		84.19
12	531	100.52	286.8		84.80
13	596	132.88	337.6		87.82
14	618	84.21	206.3		88.58
15	657	122.64	282.7		89.81
16	715	101.70	215.5		91.37
17	802	77.41	146.2		92.55
18	865	99.97	175.1		93.40
19	942	511.43	822.9		94.44
20	2,196	9.13	6.3		102.18
21	2,674	7.85	4.5		103.70
22	2,987	6.80	3.4		104.69
23	4,890	11.79	3.7		107.10
24	5,456	8.10	2.2		107.80
25	5,720	9.40	2.5		108.13

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Electropherogram Summary Continued ...

... Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,926	16.90	3.7		109.65
27	10,380	75.00	10.9	Upper Marker	113.00

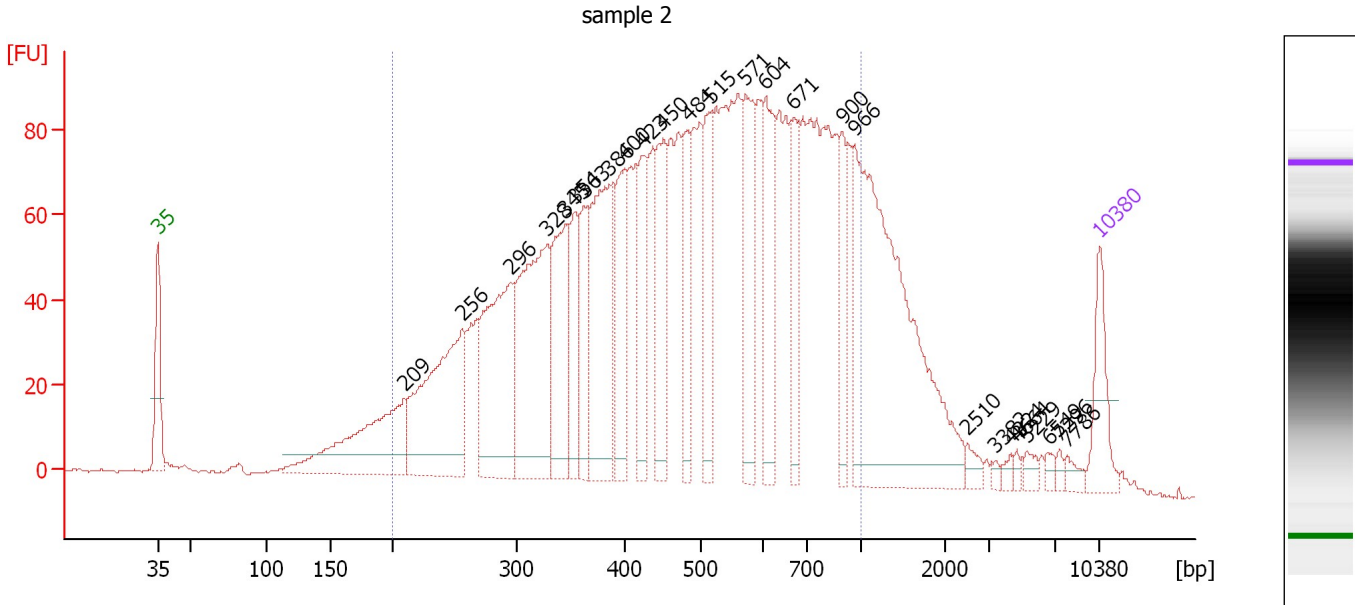
Region table for sample 1 : sample 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/ μ l]	% of Total	Size distribution in CV [%]
200	1,000	503	2,246.0	16,181.2	4,368.07	84	37.5

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Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 26 Corr. Area 1: 2,828.7
 Noise: 0.3

Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	209	316.59	2,299.2		61.28
3	256	400.19	2,368.4		65.62
4	296	362.84	1,859.3		69.26
5	328	407.56	1,882.7		71.91
6	345	214.56	942.2		73.28
7	354	116.33	498.1		73.99
8	363	117.62	491.4		74.69
9	386	320.90	1,260.9		76.54
10	400	183.42	694.1		77.72
11	423	135.47	485.4		78.99
12	450	176.51	593.8		80.55
13	484	122.09	382.4		82.44
14	515	132.94	391.3		84.05
15	571	183.33	486.6		86.64
16	604	171.83	431.4		88.11
17	671	117.51	265.5		90.23
18	900	100.06	168.5		93.87
19	966	657.53	1,031.3		94.77
20	2,510	16.04	9.7		103.18
21	3,382	6.35	2.8		105.21
22	4,324	8.51	3.0		106.39
23	4,664	7.23	2.3		106.81
24	5,229	13.56	3.9		107.52
25	6,549	9.62	2.2		109.17

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Electropherogram Summary Continued ...

... Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	7,296	7.25	1.5		110.02
27	7,786	13.52	2.6		110.50
28	10,380	75.00	10.9	Upper Marker	113.00

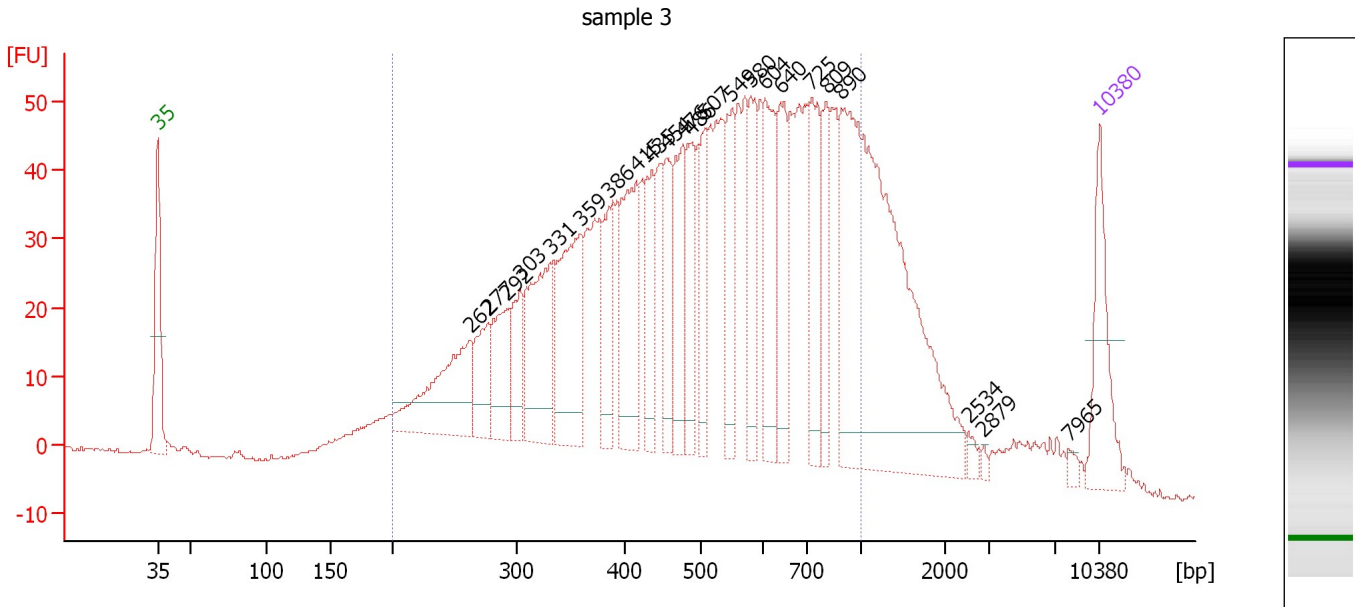
Region table for sample 2 : sample 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Conc. [pg/ μ l]	% of Total	Size distribution in CV [%]
200	1,000	507	2,828.7	20,654.3	5,635.67	84	37.2

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Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 23 Corr. Area 1: 1,577.9
 Noise: 0.3

Peak table for sample 3 : sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	262	162.63	939.2		66.21
3	277	65.89	360.6		67.54
4	292	85.87	444.9		68.96
5	303	66.44	332.0		69.92
6	331	159.55	730.3		72.15
7	359	173.81	733.9		74.39
8	386	78.36	307.5		76.57
9	415	141.60	517.4		78.52
10	435	81.86	285.3		79.66
11	454	75.46	251.8		80.76
12	476	91.19	290.4		81.99
13	486	78.31	244.2		82.57
14	507	68.40	204.3		83.71
15	549	90.26	248.9		85.66
16	580	79.54	207.7		87.08
17	604	111.87	280.5		88.13
18	640	91.88	217.5		89.27
19	725	108.24	226.1		91.51
20	809	63.53	118.9		92.65
21	890	543.85	925.7		93.74
22	2,534	7.44	4.4		103.25
23	2,879	3.68	1.9		104.35
24	7,965	5.95	1.1		110.67
25	10,380	75.00	10.9	Upper Marker	113.00

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Electropherogram Summary Continued ...

... Region table for sample 3 :

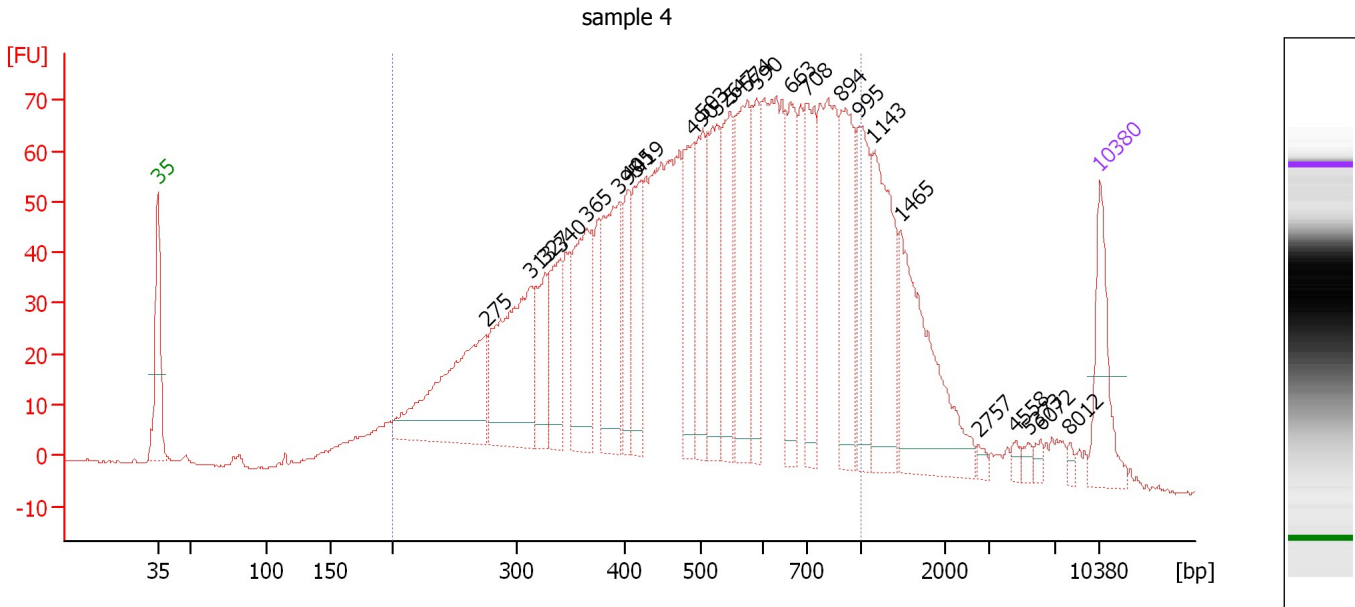
sample 3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	523	1,577.9	11,182.3	3,160.50	83	36.4

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Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 25 Corr. Area 1: 2,129.6
 Noise: 0.3

Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	275	270.61	1,488.8		67.40
3	313	257.83	1,247.8		70.71
4	327	92.43	428.3		71.83
5	340	93.86	417.9		72.90
6	365	183.65	762.1		74.89
7	395	174.20	667.6		77.32
8	405	74.67	279.7		77.95
9	419	100.36	362.8		78.78
10	490	116.44	359.8		82.81
11	503	119.34	359.6		83.49
12	526	144.76	417.1		84.56
13	547	124.77	345.7		85.53
14	574	170.26	449.3		86.80
15	590	84.61	217.3		87.53
16	663	108.91	248.7		90.01
17	708	121.79	260.7		91.27
18	894	141.99	240.5		93.80
19	995	111.57	169.9		95.16
20	1,143	172.75	229.1		96.13
21	1,465	197.40	204.2		98.17
22	2,757	6.64	3.7		103.96
23	4,558	6.31	2.1		106.68
24	5,373	7.95	2.2		107.70
25	6,072	7.59	1.9		108.58

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Electropherogram Summary Continued ...

... Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,012	5.67	1.1		110.72
27	10,380	75.00	10.9	Upper Marker	113.00

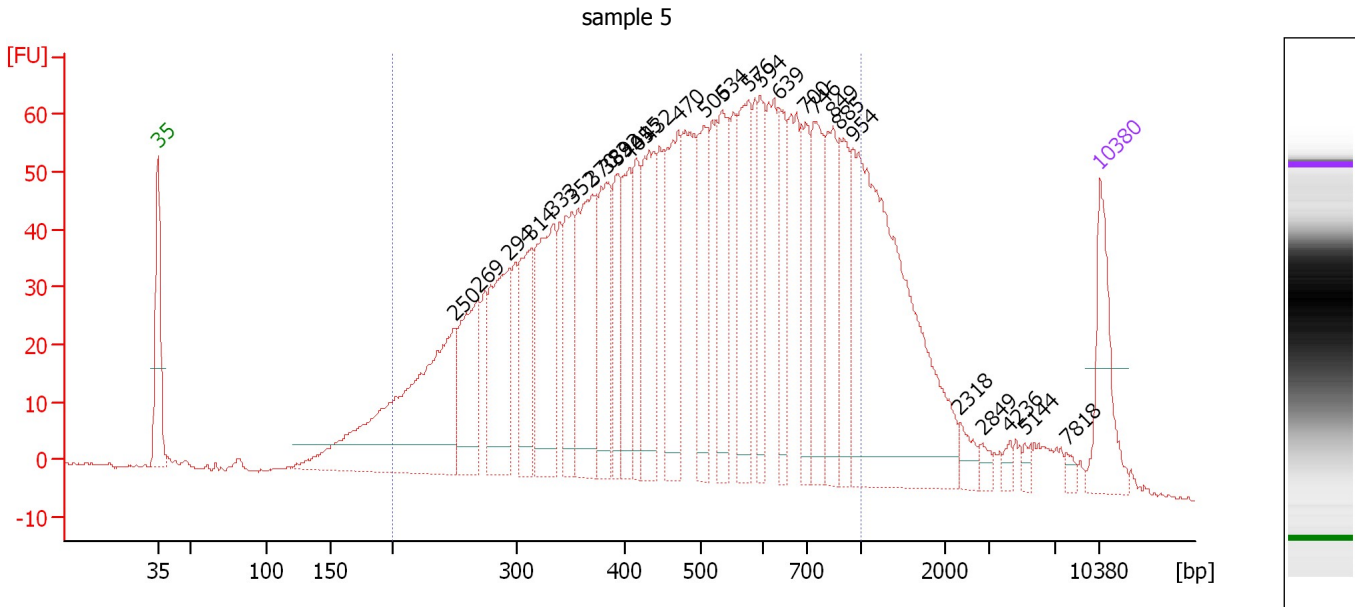
Region table for sample 4 : sample 4

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	523	2,129.6	13,626.1	3,848.78	83	36.4

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



Overall Results for sample 5 : sample 5

Number of peaks found: 28 Corr. Area 1: 2,041.4
 Noise: 0.3

Peak table for sample 5 : sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	250	423.18	2,562.0		65.10
3	269	138.37	780.6		66.78
4	294	173.23	891.3		69.15
5	314	117.76	568.2		70.78
6	333	183.06	832.7		72.31
7	352	103.93	448.0		73.80
8	370	186.69	764.5		75.28
9	383	132.00	522.3		76.32
10	392	78.95	305.0		77.06
11	405	96.85	361.9		78.00
12	415	80.69	294.6		78.54
13	432	144.33	506.7		79.48
14	470	165.89	534.9		81.66
15	506	109.26	327.3		83.64
16	534	115.45	327.8		84.92
17	576	130.10	342.1		86.90
18	594	85.84	218.8		87.74
19	639	76.89	182.4		89.22
20	700	74.74	161.9		91.15
21	746	117.36	238.2		91.79
22	849	108.70	194.1		93.18
23	885	84.10	144.0		93.67
24	954	469.29	745.0		94.61
25	2,318	17.36	11.3		102.57

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Electropherogram Summary Continued ...

... Peak table for sample 5 : sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,849	10.57	5.6		104.25
27	4,236	7.59	2.7		106.28
28	5,144	6.34	1.9		107.41
29	7,818	6.72	1.3		110.53
30	10,380	75.00	10.9	Upper Marker	113.00

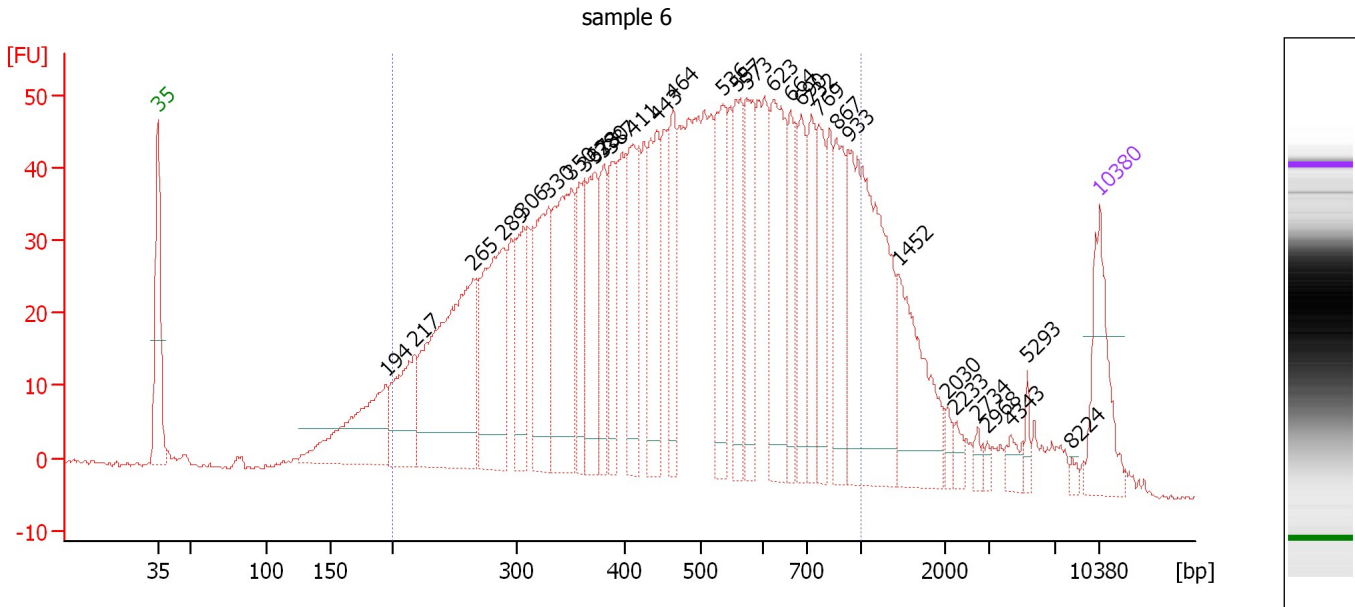
Region table for sample 5 : sample 5

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	504	2,041.4	13,763.8	3,723.32	85	37.6

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Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 32 Corr. Area 1: 1,709.8
 Noise: 0.3

Peak table for sample 6 : sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	194	170.76	1,332.4		59.94
3	217	120.47	840.1		62.07
4	265	359.91	2,059.1		66.43
5	289	220.15	1,153.6		68.66
6	306	103.40	511.8		70.15
7	330	163.16	750.2		72.03
8	350	208.83	902.8		73.71
9	362	79.65	333.2		74.66
10	373	122.73	498.9		75.50
11	380	80.38	320.4		76.09
12	387	81.01	316.8		76.69
13	411	132.83	489.6		78.32
14	443	127.56	436.7		80.11
15	464	92.62	302.8		81.29
16	536	120.26	340.2		85.01
17	557	100.26	272.8		86.00
18	573	98.43	260.3		86.74
19	623	145.97	355.0		88.73
20	664	74.11	169.2		90.01
21	690	78.98	173.4		90.86
22	732	72.18	149.4		91.60
23	769	74.47	146.8		92.09
24	867	91.44	159.7		93.43
25	933	293.04	475.8		94.32

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Electropherogram Summary Continued ...

... Peak table for sample 6 : sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,452	121.45	126.8		98.09
27	2,030	10.71	8.0		101.66
28	2,233	11.37	7.7		102.30
29	2,734	8.30	4.6		103.88
30	2,968	6.12	3.1		104.63
31	4,343	12.64	4.4		106.41
32	5,293	10.76	3.1		107.60
33	8,224	4.89	0.9		110.92
34	10,380	75.00	10.9	Upper Marker	113.00

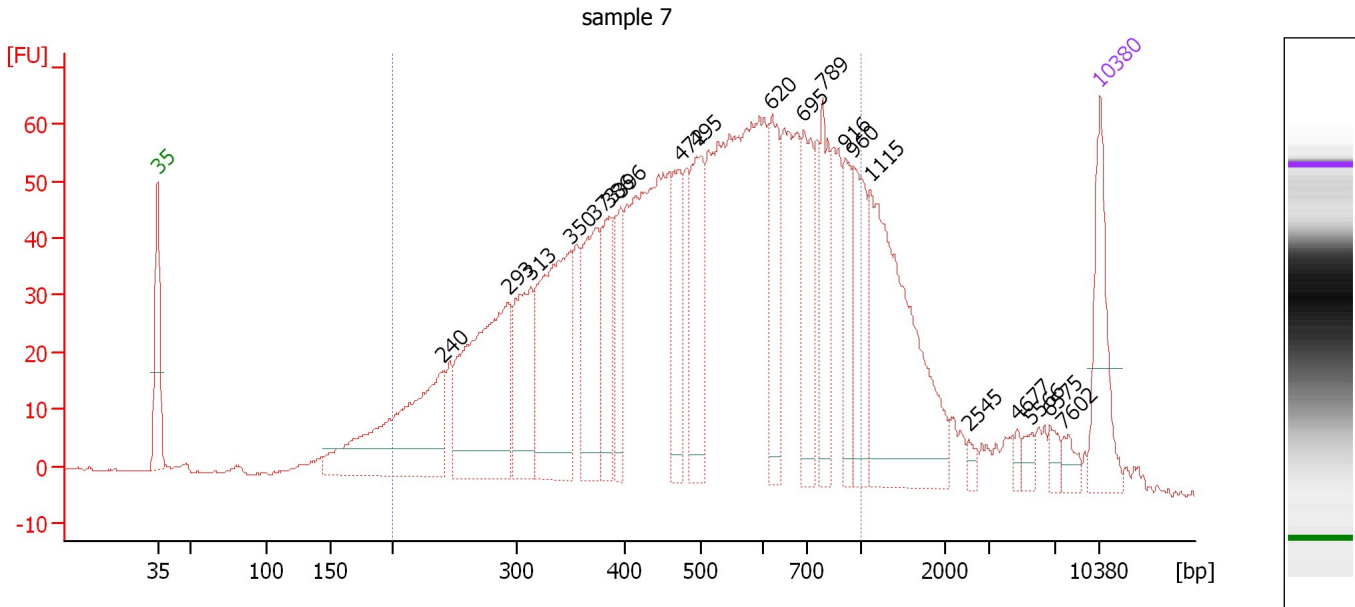
Region table for sample 6 : sample 6

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	494	1,709.8	14,590.6	3,861.31	85	38.0

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Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 7

Number of peaks found: 20 Corr. Area 1: 1,848.0
 Noise: 0.3

Peak table for sample 7 : sample 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	240	265.69	1,674.6		64.19
3	293	294.37	1,520.4		69.05
4	313	131.27	635.1		70.72
5	350	242.34	1,050.0		73.65
6	373	132.89	539.8		75.52
7	386	88.13	345.7		76.58
8	396	69.32	265.0		77.39
9	472	91.27	292.8		81.79
10	495	120.69	369.7		83.06
11	620	94.72	231.6		88.62
12	695	97.32	212.2		91.00
13	789	88.74	170.5		92.36
14	916	54.82	90.7		94.08
15	960	90.14	142.2		94.69
16	1,115	257.98	350.6		95.96
17	2,545	6.88	4.1		103.29
18	4,677	7.27	2.4		106.83
19	5,566	10.52	2.9		107.94
20	6,575	11.24	2.6		109.21
21	7,602	13.23	2.6		110.32
22	10,380	75.00	10.9	Upper Marker	113.00


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Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

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Electropherogram Summary Continued ...

... Region table for sample 7 :

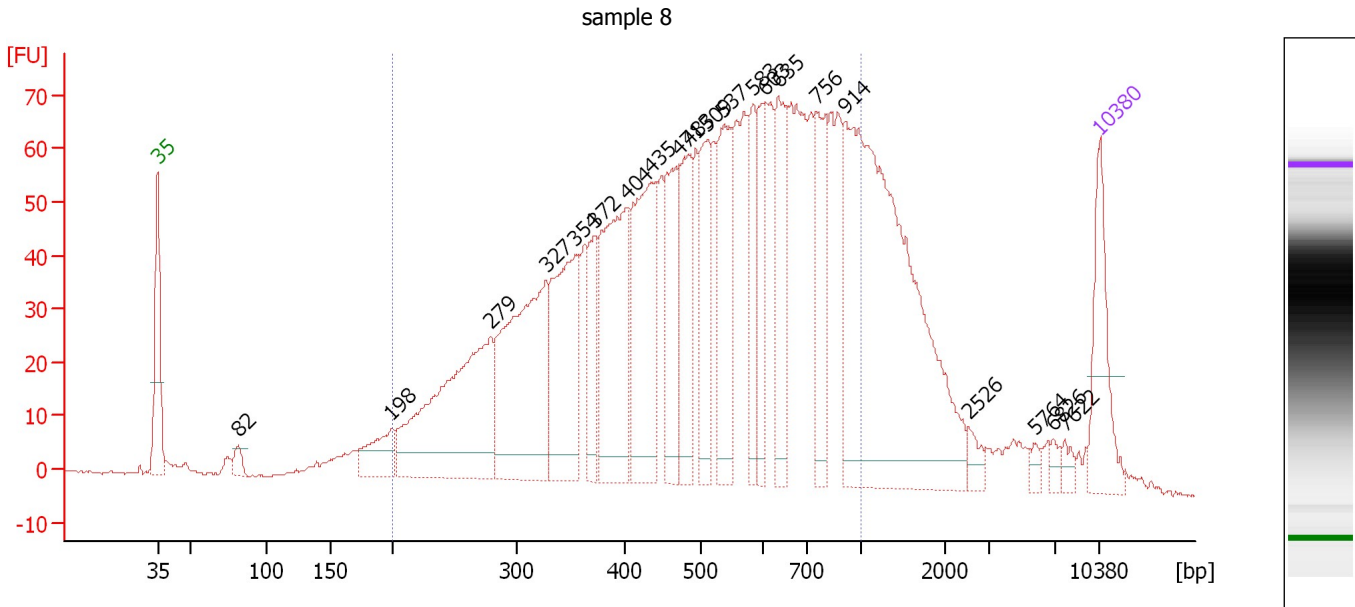
sample 7

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	513	1,848.0	10,831.5	 2,993.23	84	36.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
 Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 8

Number of peaks found: 21 Corr. Area 1: 1,981.1
 Noise: 0.3

Peak table for sample 8 : sample 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	82	16.93	313.6		48.99
3	198	59.41	453.5		60.35
4	279	334.68	1,815.1		67.77
5	327	294.52	1,362.9		71.86
6	354	192.36	822.9		74.01
7	372	68.11	277.4		75.44
8	404	226.63	850.8		77.90
9	435	208.03	724.3		79.69
10	471	123.56	397.2		81.74
11	483	104.24	327.0		82.40
12	509	94.46	281.2		83.78
13	537	129.68	366.1		85.06
14	583	75.91	197.3		87.21
15	603	75.07	188.7		88.08
16	635	104.91	250.3		89.10
17	756	110.08	220.7		91.92
18	914	564.37	935.2		94.07
19	2,526	13.59	8.2		103.23
20	5,764	7.54	2.0		108.19
21	6,826	8.08	1.8		109.52
22	7,622	9.36	1.9		110.34
23	10,380	75.00	10.9	Upper Marker	113.00


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...

... Region table for sample 8 :

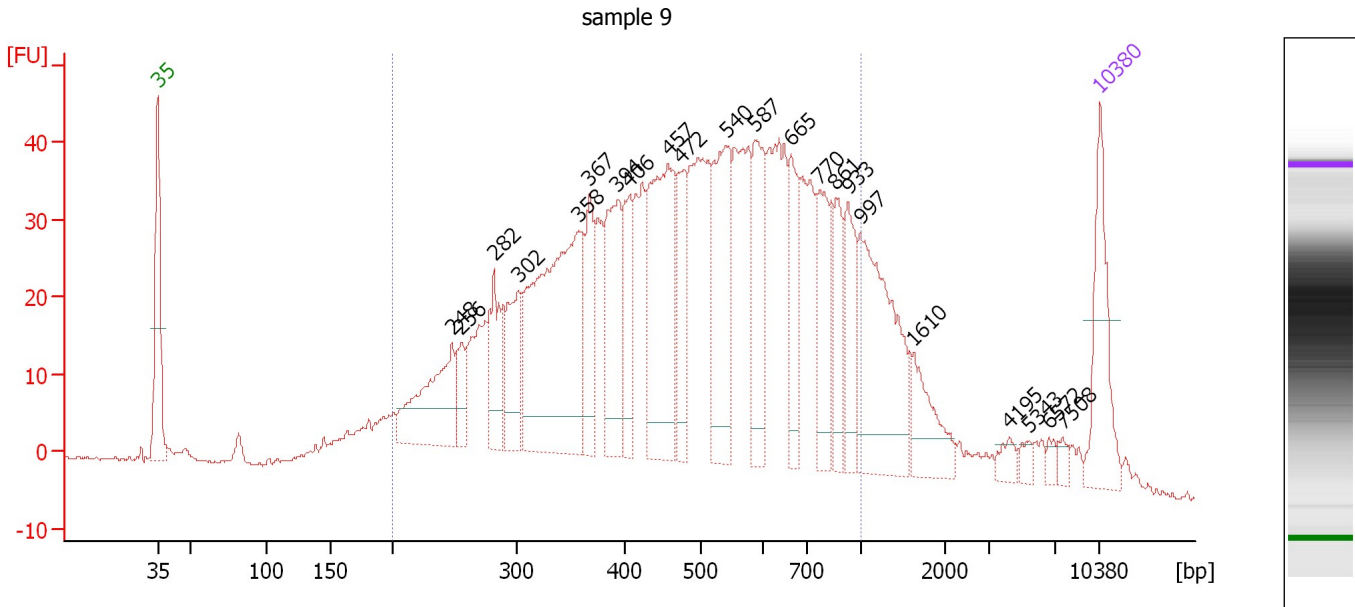
sample 8

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	525	1,981.1	10,866.9	 3,080.69	82	36.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
 Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 22 Corr. Area 1: 1,278.9
 Noise: 0.3

Peak table for sample 9 : sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	248	135.57	829.3		64.86
3	256	33.29	197.4		65.58
4	282	70.58	379.4		67.99
5	302	89.19	448.0		69.79
6	358	335.52	1,420.7		74.30
7	367	84.67	349.1		75.07
8	394	119.80	461.2		77.18
9	406	70.45	262.7		78.05
10	457	203.46	674.6		80.93
11	472	65.35	209.6		81.80
12	540	143.69	402.9		85.24
13	587	95.54	246.6		87.39
14	665	62.76	143.0		90.06
15	770	89.70	176.5		92.11
16	861	57.22	100.7		93.34
17	933	58.92	95.7		94.32
18	997	177.20	269.2		95.19
19	1,610	52.94	49.8		99.09
20	4,195	11.85	4.3		106.23
21	5,343	7.82	2.2		107.66
22	6,572	6.71	1.5		109.20
23	7,508	6.42	1.3		110.23
24	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...

... Region table for sample 9 :

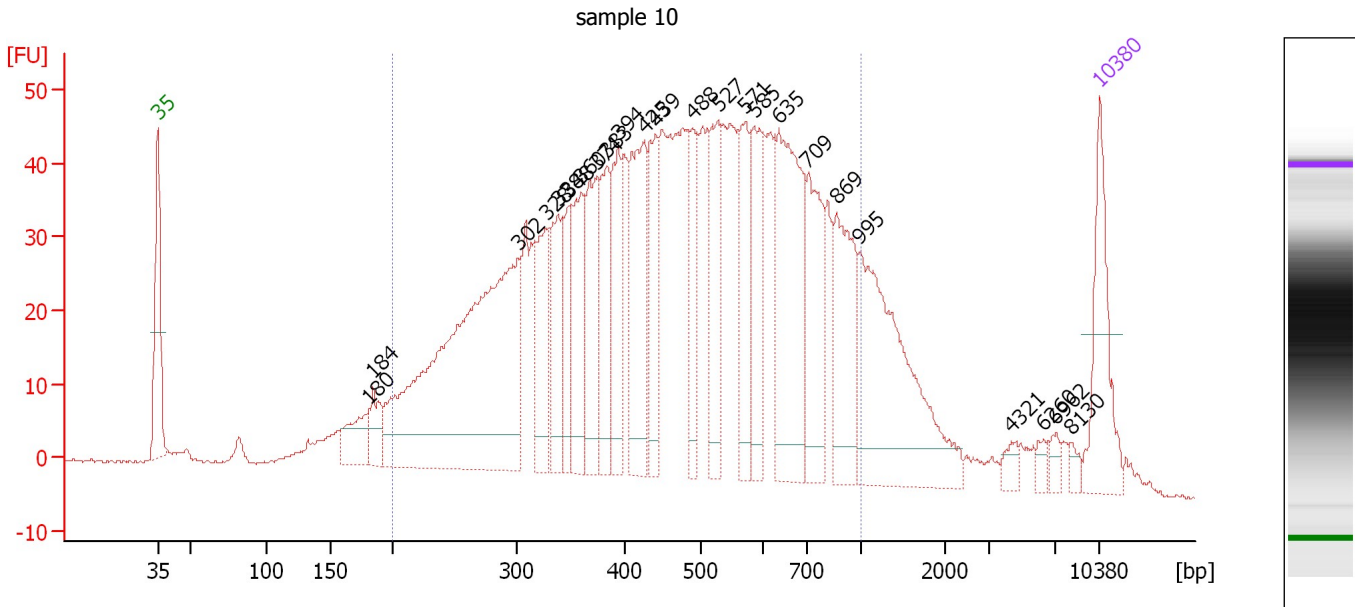
sample 9

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	502	1,278.9	10,270.3	2,800.55	86	36.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
 Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 24 Corr. Area 1: 1,508.9
 Noise: 0.2

Peak table for sample 10 : sample 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	180	49.99	420.9		58.61
3	184	35.70	293.3		59.03
4	302	561.15	2,819.8		69.78
5	328	89.14	411.9		71.90
6	338	82.31	368.8		72.73
7	348	64.30	279.6		73.55
8	360	95.78	403.0		74.48
9	374	92.73	375.4		75.62
10	383	84.19	332.8		76.35
11	394	85.75	329.6		77.22
12	425	144.69	515.3		79.14
13	439	76.85	265.2		79.91
14	488	71.09	220.5		82.70
15	527	100.41	288.7		84.62
16	571	89.28	237.1		86.63
17	585	91.67	237.4		87.31
18	635	191.85	457.5		89.12
19	709	107.05	228.7		91.29
20	869	111.87	195.0		93.46
21	995	218.61	332.8		95.16
22	4,321	10.17	3.6		106.38
23	6,260	8.55	2.1		108.81
24	6,962	8.94	1.9		109.69
25	8,130	6.05	1.1		110.83

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...**... Peak table for sample 10 : sample 10**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00

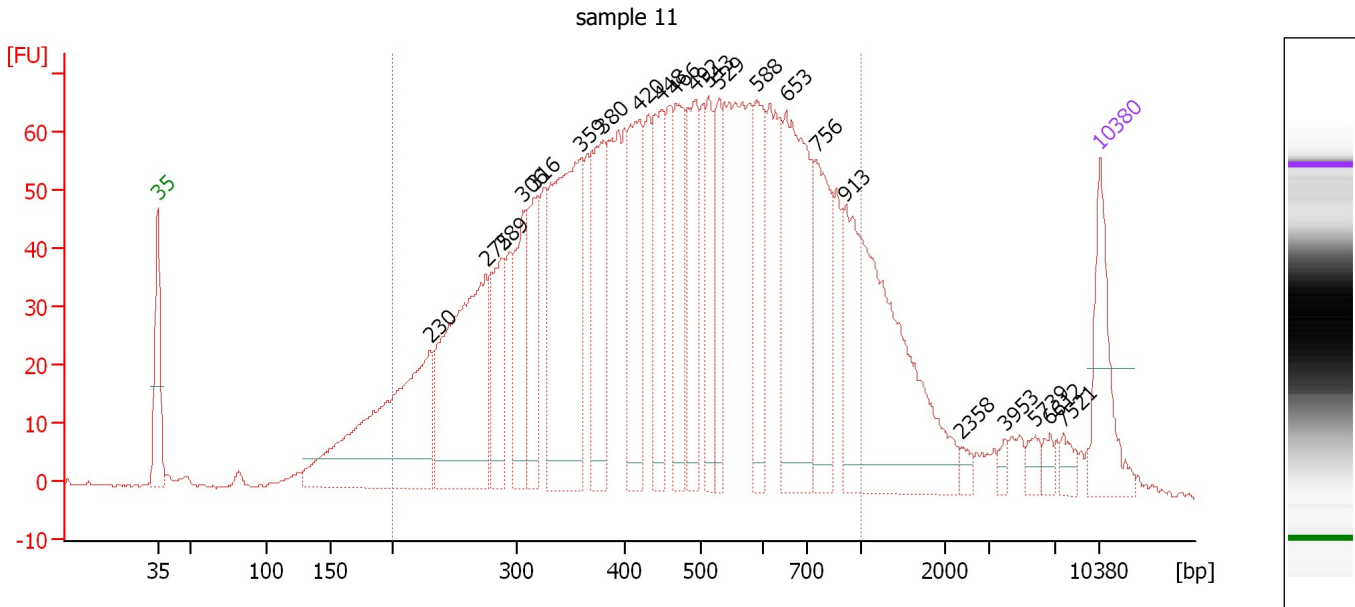
Region table for sample 10 : sample 10

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/ μ l]	% of Total	Size distribution in CV [%]
200	1,000	487	1,508.9	10,907.9	2,896.62	86	36.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
 Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 22 Corr. Area 1: 2,186.1
 Noise: 0.2

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	230	364.31	2,399.2		63.25
3	275	343.54	1,889.5		67.41
4	289	110.88	582.2		68.61
5	306	105.47	522.7		70.12
6	316	102.16	489.7		70.95
7	359	323.72	1,364.5		74.43
8	380	138.93	554.6		76.05
9	420	146.25	528.0		78.81
10	448	120.52	407.5		80.42
11	466	107.69	349.8		81.46
12	492	125.84	387.4		82.92
13	513	84.39	249.3		83.96
14	529	82.38	236.2		84.69
15	588	104.41	269.0		87.45
16	653	228.13	529.1		89.68
17	756	133.13	266.8		91.92
18	913	358.16	594.1		94.06
19	2,358	9.20	5.9		102.70
20	3,953	7.13	2.7		105.92
21	5,739	13.22	3.5		108.16
22	6,612	10.05	2.3		109.25
23	7,521	12.94	2.6		110.24
24	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
Modified: 3/10/2016 3:43:00 PM

Electropherogram Summary Continued ...

... Region table for sample 11 : sample 11

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	483	2,186.1	13,903.1	3,646.81	86	37.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
Modified: 3/10/2016 3:43:00 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad

Created: 3/10/2016 3:01:42 PM
 Modified: 3/10/2016 3:43:00 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		3/10/2016 3:42:59 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-03-10\2016-03-10_001.xad)		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		3/10/2016 3:01:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1