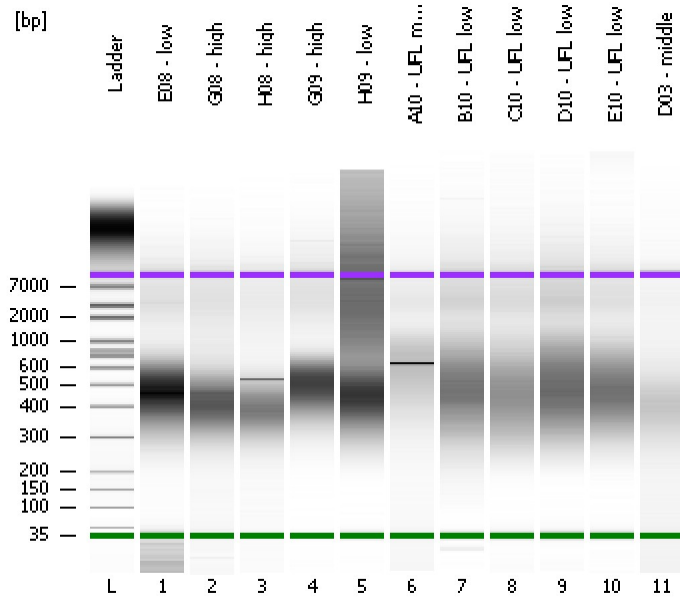


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
Modified: 8/17/2017 11:01:53 AM

Electrophoresis File Run Summary



Instrument Information:

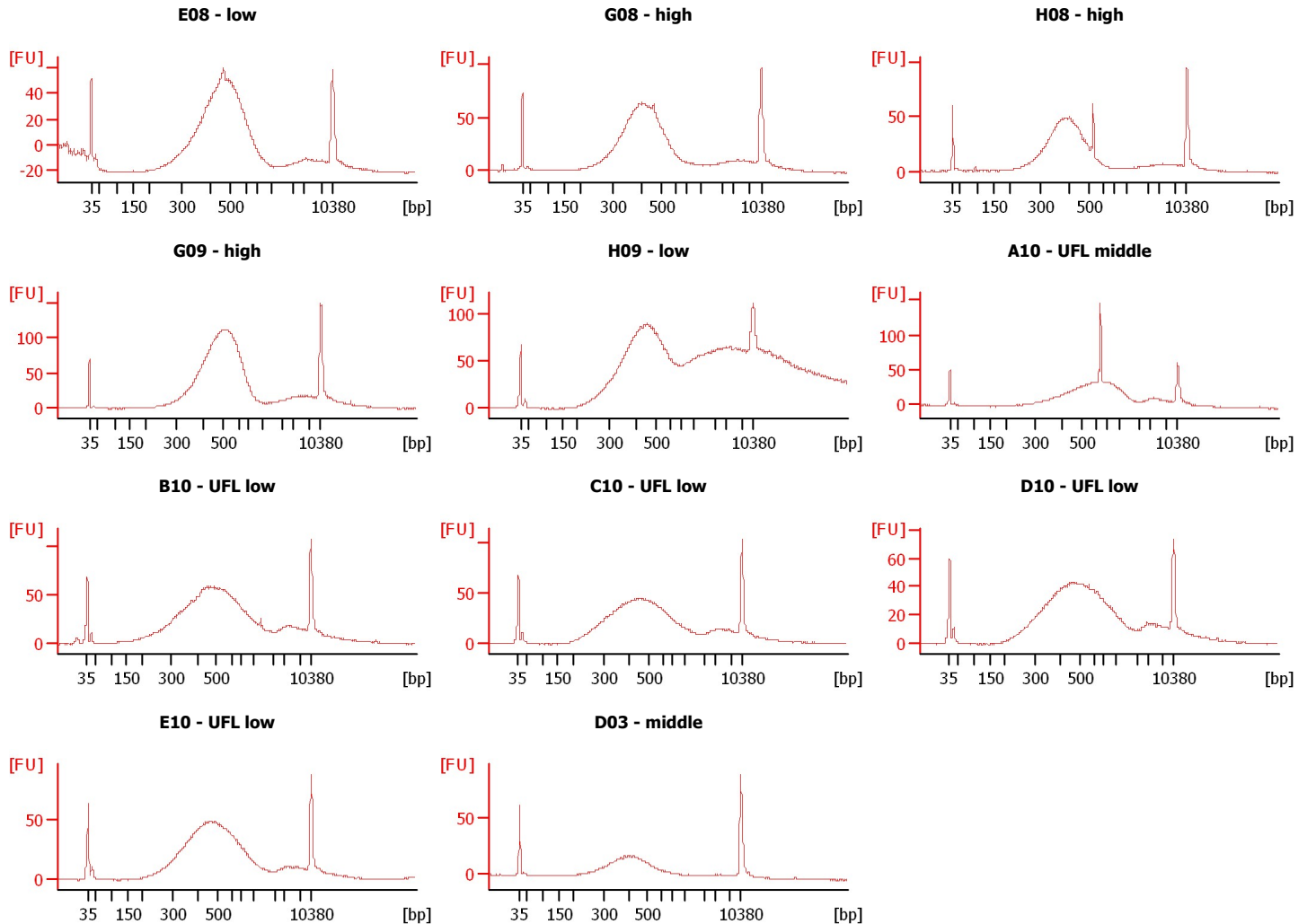
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
 Modified: 8/17/2017 11:01:53 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
E08 - low		<input type="checkbox"/>	✓			
G08 - high		<input type="checkbox"/>	✓			
H08 - high		<input type="checkbox"/>	✓			
G09 - high		<input type="checkbox"/>	✓			
H09 - low		<input type="checkbox"/>	✓			
A10 - UFL middle		<input type="checkbox"/>	✓			
B10 - UFL low		<input type="checkbox"/>	✓			
C10 - UFL low		<input type="checkbox"/>	✓			
D10 - UFL low		<input type="checkbox"/>	✓			
E10 - UFL low		<input type="checkbox"/>	✓			
D03 - middle		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

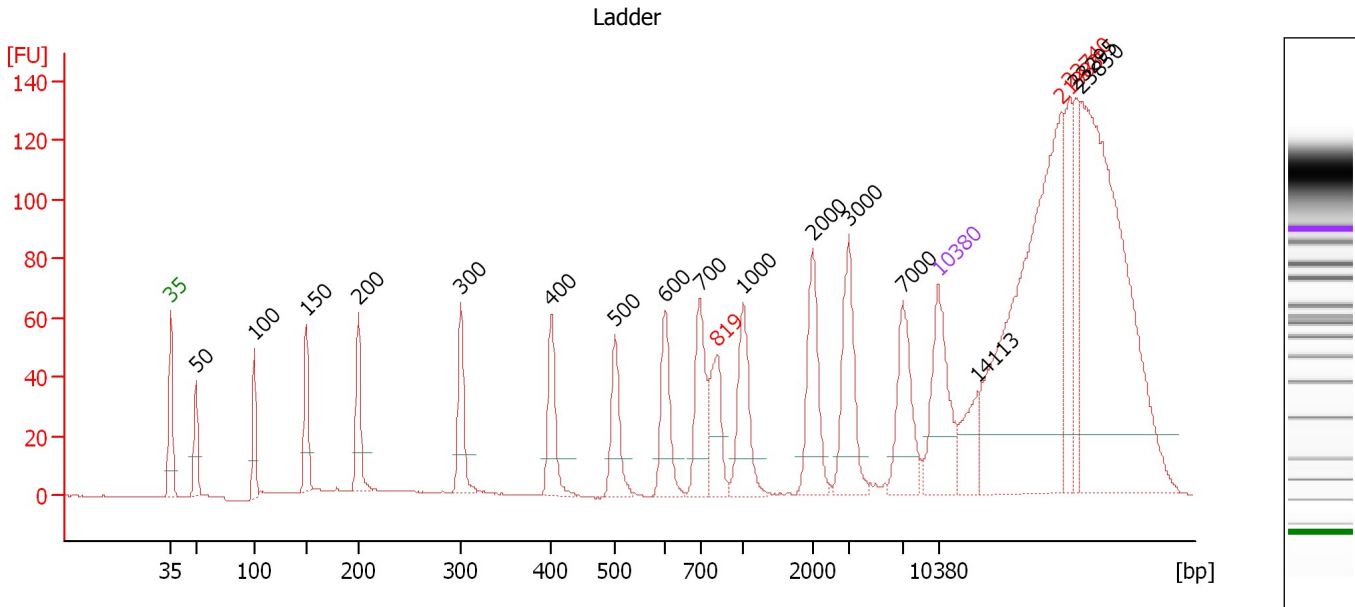
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

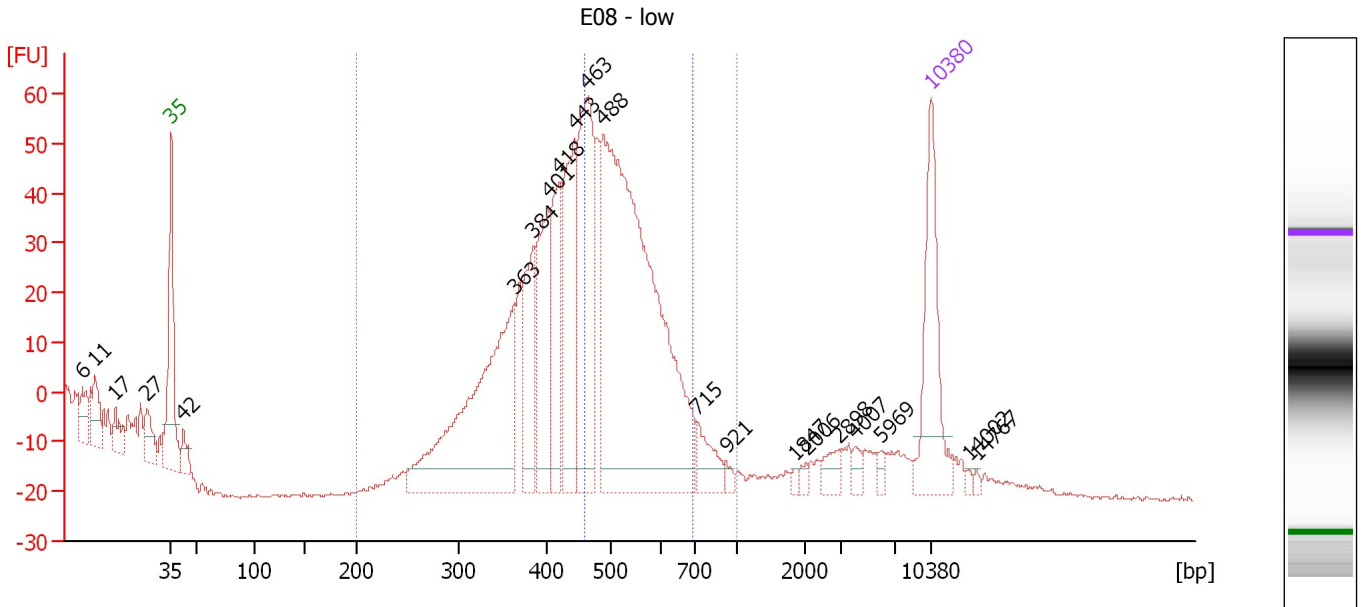
Peak table for Ladder

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	50	150.00	4,545.5	Ladder Peak	45.33
3	100	150.00	2,272.7	Ladder Peak	50.63
4	150	150.00	1,515.2	Ladder Peak	55.40
5	200	150.00	1,136.4	Ladder Peak	60.11
6	300	150.00	757.6	Ladder Peak	69.49
7	400	150.00	568.2	Ladder Peak	77.71
8	500	150.00	454.5	Ladder Peak	83.54
9	600	150.00	378.8	Ladder Peak	88.11
10	700	150.00	324.7	Ladder Peak	91.27
11	819	0.00	0.0	excluded peak	92.83
12	1,000	150.00	227.3	Ladder Peak	95.21
13	2,000	150.00	113.6	Ladder Peak	101.53
14	3,000	150.00	75.8	Ladder Peak	104.83
15	7,000	150.00	32.5	Ladder Peak	109.74
16	10,380	75.00	10.9	Upper Marker	113.00
17	14,113	0.00	0.0		116.60
18	21,983	0.00	0.0	excluded peak	124.18
19	22,740	0.00	0.0	excluded peak	124.91
20	23,295	0.00	0.0		125.44
21	23,850	0.00	0.0		125.98

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : E08 - low

Number of peaks found: 21 Corr. Area 1: 986.7
 Noise: 0.3 Corr. Area 2: 497.2

Peak table for sample 1 : E08 - low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	6	0.00	0.0		34.79
2	11	0.00	0.0		36.02
3	17	0.00	0.0		37.84
4	27	0.00	0.0		40.79
5	35	125.00	5,411.3	Lower Marker	43.00
6	42	18.93	678.6		44.13
7	363	276.17	1,153.2		74.66
8	384	79.32	312.7		76.43
9	401	100.34	379.3		77.75
10	418	82.69	299.4		78.79
11	443	125.14	428.1		80.21
12	463	169.34	554.0		81.39
13	488	528.64	1,642.7		82.82
14	715	28.24	59.8		91.47
15	921	5.15	8.5		94.17
16	1,847	2.69	2.2		100.56
17	2,006	3.94	3.0		101.55
18	2,898	11.94	6.2		104.50
19	4,007	6.44	2.4		106.07
20	5,969	4.73	1.2		108.48
21	10,380	75.00	10.9	Upper Marker	113.00
22	14,002	0.00	0.0		116.49
23	14,767	0.00	0.0		117.23

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary Continued ...

... Region table for sample 1 :

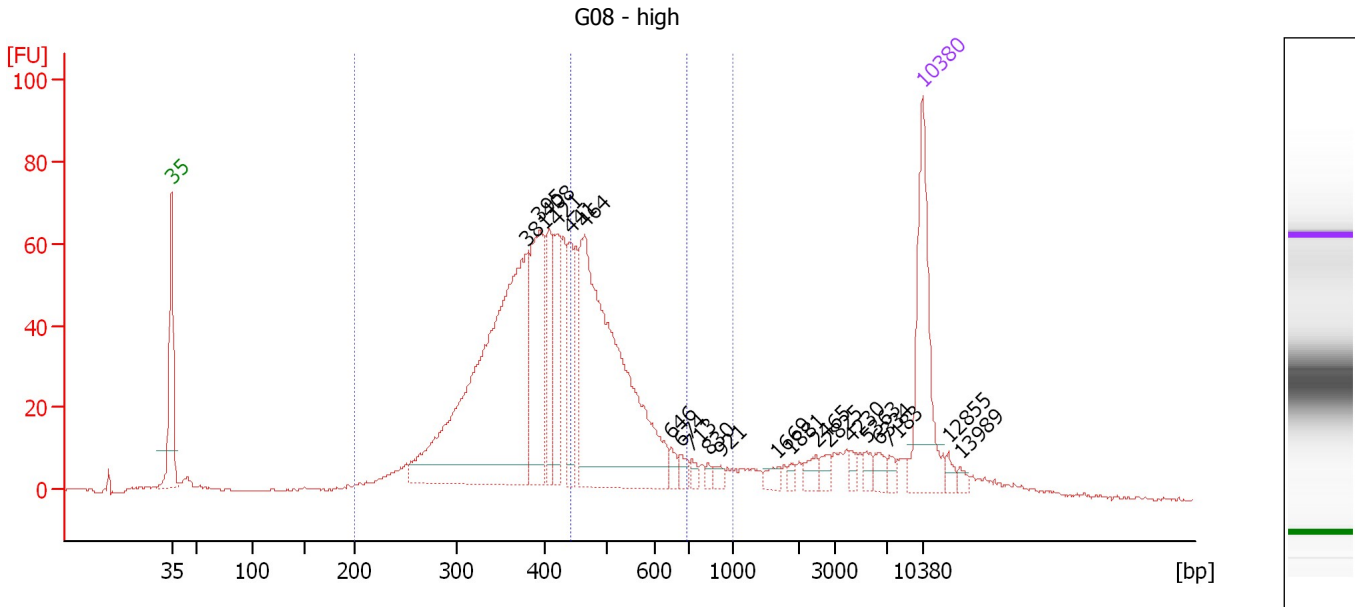
E08 - low

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	472	986.7	3,510.0	1,045.53	97	18.0
459	693	531	497.2	1,483.8	513.34	49	10.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : G08 - high

Number of peaks found: 21 Corr. Area 1: 1,260.2
 Noise: 0.3 Corr. Area 2: 422.9

Peak table for sample 2 : G08 - high

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	381	392.60	1,561.8		76.14
3	395	111.74	428.8		77.28
4	408	48.87	181.5		78.17
5	421	55.31	199.2		78.92
6	441	45.43	156.0		80.11
7	464	314.04	1,025.0		81.45
8	646	6.95	16.3		89.55
9	674	7.38	16.6		90.44
10	713	5.21	11.1		91.44
11	830	3.35	6.1		92.98
12	921	4.59	7.5		94.17
13	1,669	6.01	5.5		99.44
14	1,881	3.28	2.6		100.78
15	2,465	7.95	4.9		103.06
16	2,825	5.79	3.1		104.26
17	4,230	4.22	1.5		106.34
18	5,363	5.29	1.5		107.73
19	6,334	7.49	1.8		108.93
20	7,183	4.39	0.9		109.92
21	10,380	75.00	10.9	Upper Marker	113.00
22	12,855	0.00	0.0		115.38
23	13,989	0.00	0.0		116.48

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
Modified: 8/17/2017 11:01:53 AM

Electropherogram Summary Continued ...

... Region table for sample 2 :

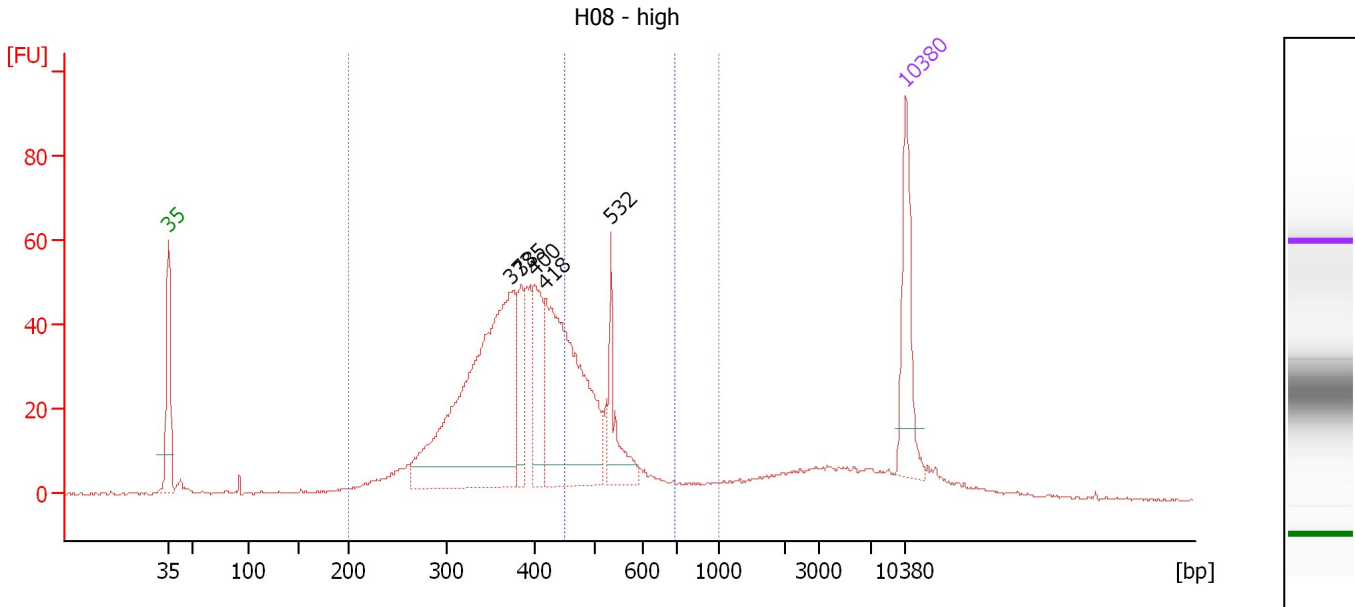
G08 - high

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	432	1,260.2	4,660.7	1,216.68	86	26.8
442	693	512	422.9	1,169.8	389.22	29	11.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : H08 - high

Number of peaks found: 5 Corr. Area 1: 916.7
 Noise: 0.3 Corr. Area 2: 216.8

Peak table for sample 3 : H08 - high

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	373	468.95	1,904.6		75.49
3	385	55.39	218.1		76.46
4	400	81.01	306.7		77.72
5	418	304.93	1,104.1		78.78
6	532	61.21	174.3		85.01
7	10,380	75.00	10.9	Upper Marker	113.00

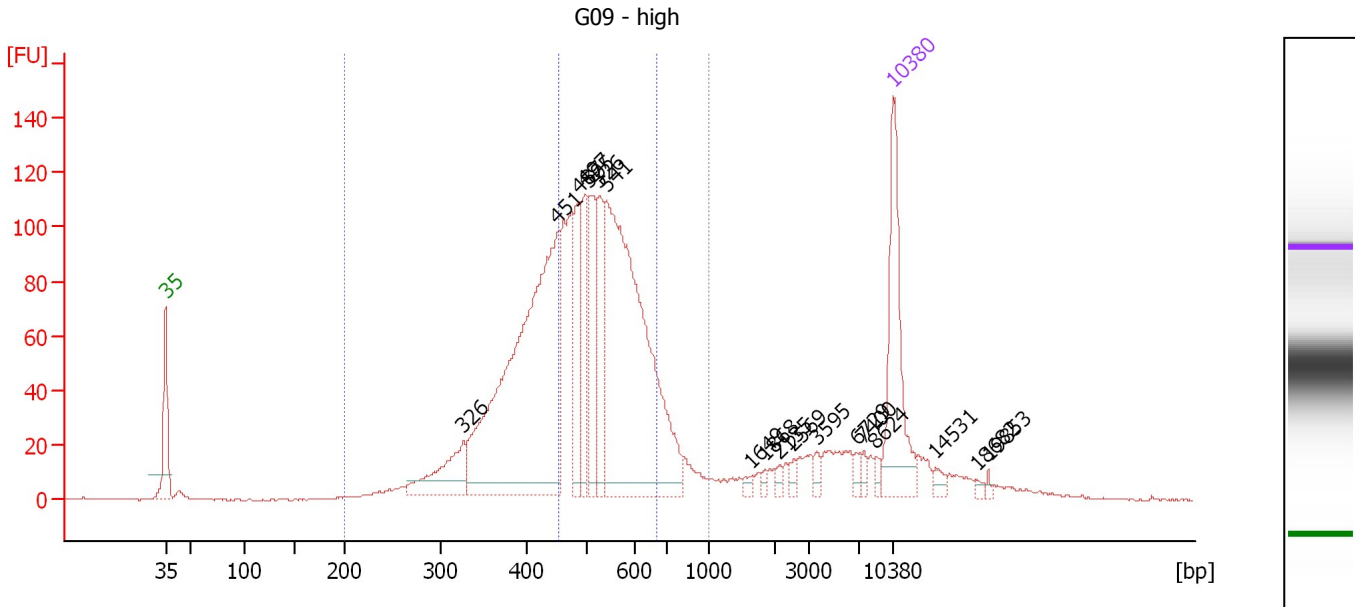
Region table for sample 3 : H08 - high

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	410	916.7	5,067.7	1,269.72	86	25.1
449	696	511	216.8	850.4	283.50	20	10.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : G09 - high

Number of peaks found: 18 Corr. Area 1: 1,926.4
 Noise: 0.2 Corr. Area 2: 1,063.6

Peak table for sample 4 : G09 - high

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	326	54.24	252.2		71.62
3	451	386.53	1,298.1		80.69
4	487	57.78	179.7		82.79
5	497	54.76	167.0		83.36
6	505	58.84	176.6		83.77
7	526	56.55	162.8		84.74
8	541	340.79	954.6		85.41
9	1,649	3.65	3.4		99.31
10	1,868	2.94	2.4		100.69
11	2,135	3.82	2.7		101.97
12	2,569	4.86	2.9		103.41
13	3,595	5.42	2.3		105.56
14	6,729	4.71	1.1		109.41
15	7,400	4.57	0.9		110.13
16	8,624	4.02	0.7		111.31
17	10,380	75.00	10.9	Upper Marker	113.00
18	14,531	0.00	0.0		117.00
19	18,682	0.00	0.0		121.00
20	19,853	0.00	0.0		122.13

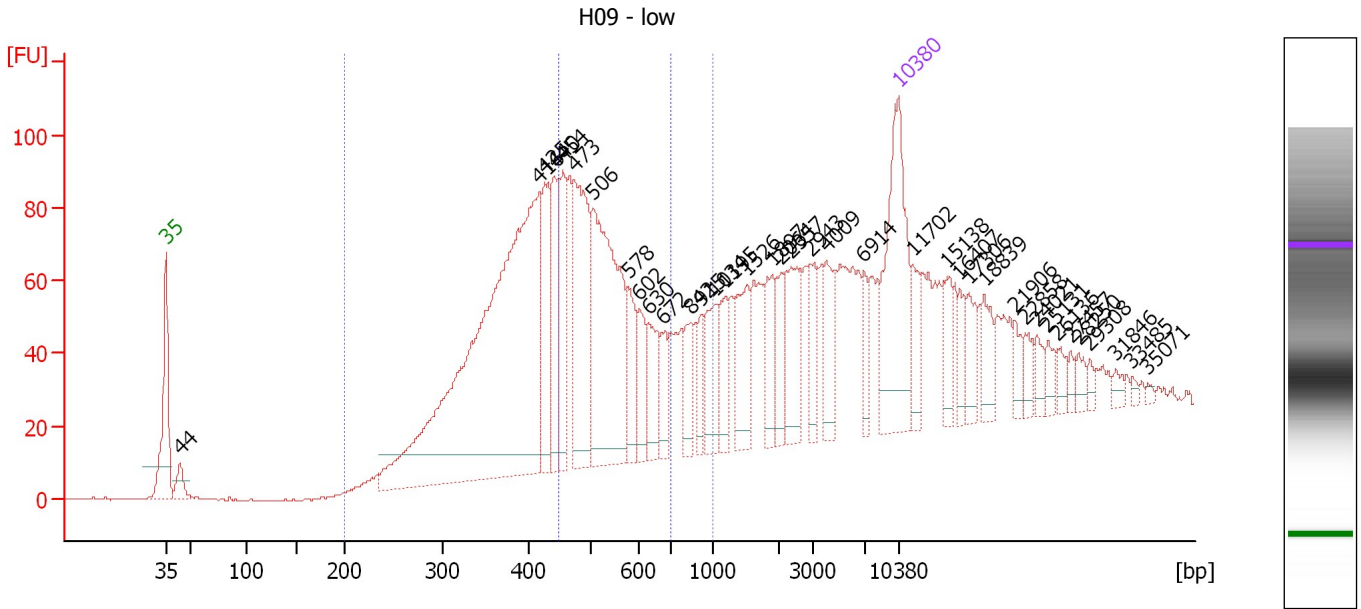
Region table for sample 4 : G09 - high

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	496	1,926.4	3,945.1	1,193.73	86	23.1
453	669	537	1,063.6	1,836.7	641.63	48	10.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
 Modified: 8/17/2017 11:01:53 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : H09 - low

Number of peaks found: 38 Corr. Area 1: 1,584.7
 Noise: 0.3 Corr. Area 2: 665.0

Peak table for sample 5 : H09 - low

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	44	16.38	570.5		44.32
3	416	421.76	1,534.8		78.66
4	425	49.50	176.5		79.17
5	440	49.97	172.1		80.04
6	454	43.55	145.4		80.85
7	473	97.51	312.3		81.97
8	506	151.10	452.6		83.81
9	578	28.40	74.4		87.12
10	602	23.18	58.3		88.19
11	630	26.74	64.3		89.06
12	672	17.74	40.0		90.38
13	842	20.43	36.8		93.13
14	915	14.00	23.2		94.10
15	1,034	28.10	41.2		95.42
16	1,195	20.88	26.5		96.44
17	1,526	31.14	30.9		98.53
18	1,897	21.34	17.0		100.87
19	2,064	17.00	12.5		101.74
20	2,357	33.35	21.4		102.71
21	2,943	17.09	8.8		104.64
22	4,009	21.89	8.3		106.07
23	6,914	12.38	2.7		109.64
24	10,380	75.00	10.9	Upper Marker	113.00
25	11,702	0.00	0.0		114.27

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
 Modified: 8/17/2017 11:01:53 AM

Electropherogram Summary Continued ...

... Peak table for sample 5 : H09 - low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	15,138	0.00	0.0		117.59
27	16,407	0.00	0.0		118.81
28	17,306	0.00	0.0		119.67
29	18,839	0.00	0.0		121.15
30	21,906	0.00	0.0		124.11
31	22,858	0.00	0.0		125.02
32	24,021	0.00	0.0		126.14
33	25,131	0.00	0.0		127.21
34	26,136	0.00	0.0		128.18
35	27,457	0.00	0.0		129.46
36	28,250	0.00	0.0		130.22
37	29,308	0.00	0.0		131.24
38	31,846	0.00	0.0		133.68
39	33,485	0.00	0.0		135.26
40	35,071	0.00	0.0		136.79

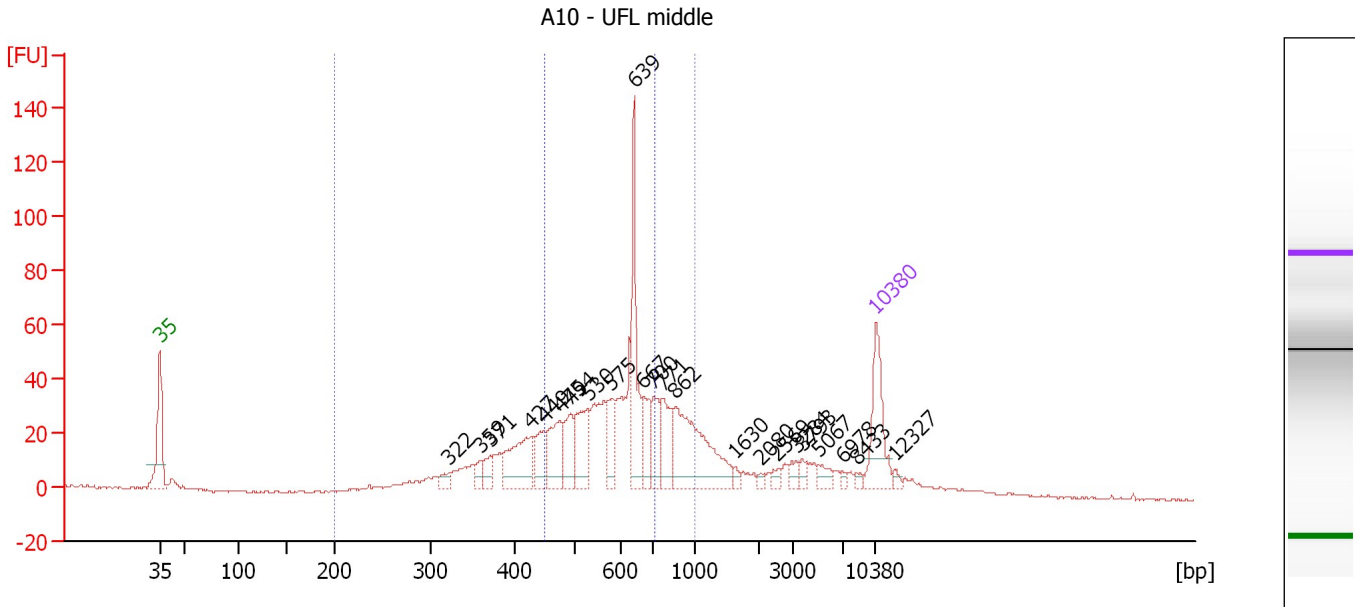
Region table for sample 5 : H09 - low

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	1,584.7	3,283.5	956.81	60	31.1
448	696	533	665.0	1,129.2	389.91	25	12.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : A10 - UFL middle

Number of peaks found: 23 Corr. Area 1: 781.3
 Noise: 0.4 Corr. Area 2: 443.5

Peak table for sample 6 : A10 - UFL middle

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	322	18.29	86.1		71.30
3	359	17.10	72.1		74.38
4	371	23.44	95.8		75.32
5	427	102.76	364.7		79.28
6	449	52.99	178.7		80.58
7	475	68.93	219.8		82.09
8	494	54.44	167.0		83.19
9	530	80.94	231.4		84.91
10	575	45.26	119.2		86.99
11	639	129.11	306.2		89.34
12	667	47.46	107.8		90.22
13	700	50.47	109.3		91.27
14	771	59.10	116.1		92.20
15	862	179.22	314.9		93.40
16	1,630	6.39	5.9		99.19
17	2,080	4.92	3.6		101.79
18	2,569	8.87	5.2		103.41
19	3,284	12.02	5.5		105.18
20	3,793	8.82	3.5		105.81
21	5,067	14.79	4.4		107.37
22	6,978	5.40	1.2		109.72
23	8,433	5.60	1.0		111.12
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,327	0.00	0.0		114.88

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary Continued ...

... Region table for sample 6 :

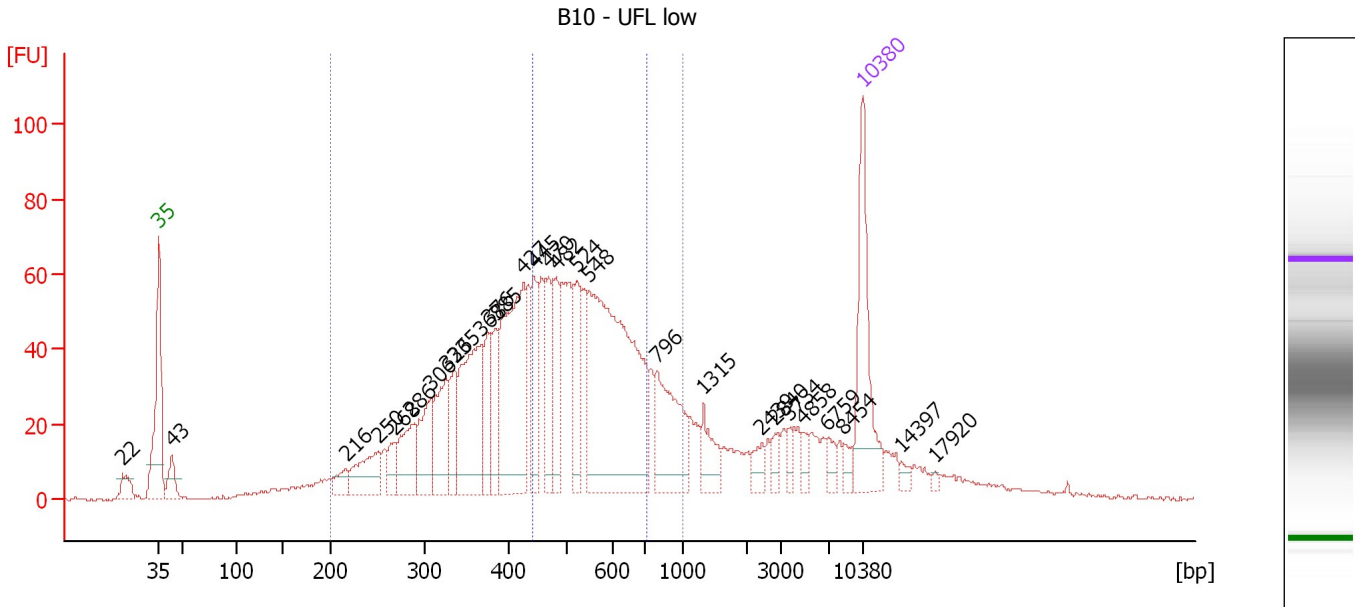
A10 - UFL middle

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	576	781.3	3,678.7	1,231.12	77	28.9
448	711	575	443.5	1,851.4	687.65	44	12.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
 Modified: 8/17/2017 11:01:53 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : B10 - UFL low

Number of peaks found: 28 Corr. Area 1: 1,560.7
 Noise: 0.5 Corr. Area 2: 692.7

Peak table for sample 7 : B10 - UFL low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	22	0.00	0.0		39.39
2	35	125.00	5,411.3	Lower Marker	43.00
3	43	28.41	996.8		44.27
4	216	17.02	119.4		61.61
5	250	51.09	309.7		64.80
6	268	20.12	113.8		66.49
7	286	51.65	274.1		68.14
8	306	53.75	266.1		69.99
9	326	58.00	269.5		71.64
10	335	42.85	193.7		72.38
11	368	126.18	519.5		75.08
12	376	40.27	162.3		75.72
13	385	38.03	149.5		76.52
14	427	165.70	588.2		79.27
15	445	46.31	157.7		80.33
16	470	45.75	147.6		81.77
17	482	48.71	153.0		82.51
18	524	51.79	149.8		84.63
19	548	295.10	815.7		85.74
20	796	81.62	155.4		92.53
21	1,315	24.73	28.5		97.20
22	2,439	11.04	6.9		102.98
23	2,840	8.20	4.4		104.30
24	3,734	7.96	3.2		105.73
25	4,858	7.30	2.3		107.11

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
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Electropherogram Summary Continued ...

... Peak table for sample 7 : B10 - UFL low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,759	9.17	2.1		109.45
27	8,454	7.50	1.3		111.14
28	10,380	75.00	10.9	Upper Marker	113.00
29	14,397	0.00	0.0		116.87
30	17,920	0.00	0.0		120.27

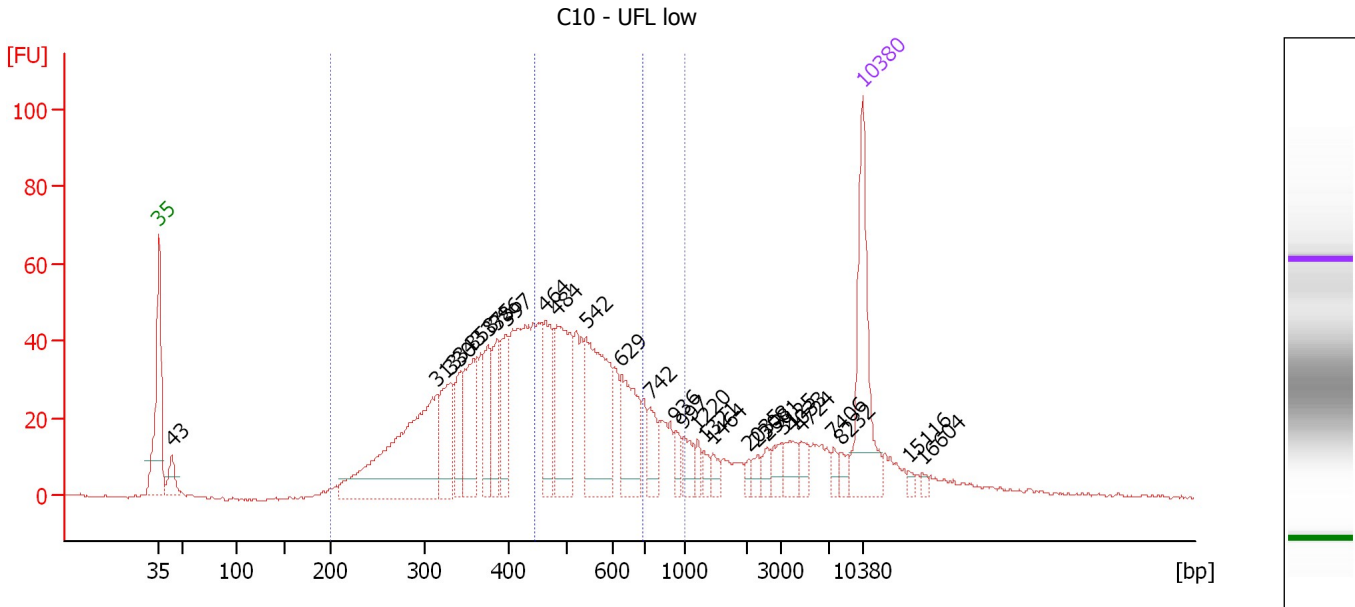
Region table for sample 7 : B10 - UFL low

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	487	1,560.7	5,494.3	1,511.23	78	33.1
442	717	546	692.7	1,813.2	639.19	35	13.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

Created: 8/17/2017 10:19:38 AM
 Modified: 8/17/2017 11:01:53 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : C10 - UFL low

Number of peaks found: 28 Corr. Area 1: 1,216.5
 Noise: 0.4 Corr. Area 2: 468.0

Peak table for sample 8 : C10 - UFL low

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	43	25.31	894.9		44.22
3	313	209.73	1,013.8		70.60
4	330	55.06	253.1		71.92
5	343	35.20	155.4		73.04
6	358	66.68	282.2		74.26
7	375	37.23	150.2		75.69
8	386	40.49	158.8		76.59
9	397	46.51	177.3		77.50
10	464	52.97	173.1		81.42
11	484	95.78	300.0		82.59
12	542	116.95	327.0		85.46
13	629	59.54	143.5		89.01
14	742	23.56	48.1		91.82
15	936	10.71	17.3		94.37
16	997	15.65	23.8		95.17
17	1,220	7.42	9.2		96.60
18	1,321	7.07	8.1		97.24
19	1,464	7.97	8.3		98.14
20	2,035	4.50	3.4		101.64
21	2,308	7.17	4.7		102.55
22	2,581	7.36	4.3		103.45
23	3,125	10.50	5.1		104.99
24	4,033	14.25	5.4		106.10
25	4,724	9.95	3.2		106.95

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : C10 - UFL low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	7,406	5.86	1.2		110.13
27	8,232	6.83	1.3		110.93
28	10,380	75.00	10.9	Upper Marker	113.00
29	15,117	0.00	0.0		117.56
30	16,604	0.00	0.0		119.00

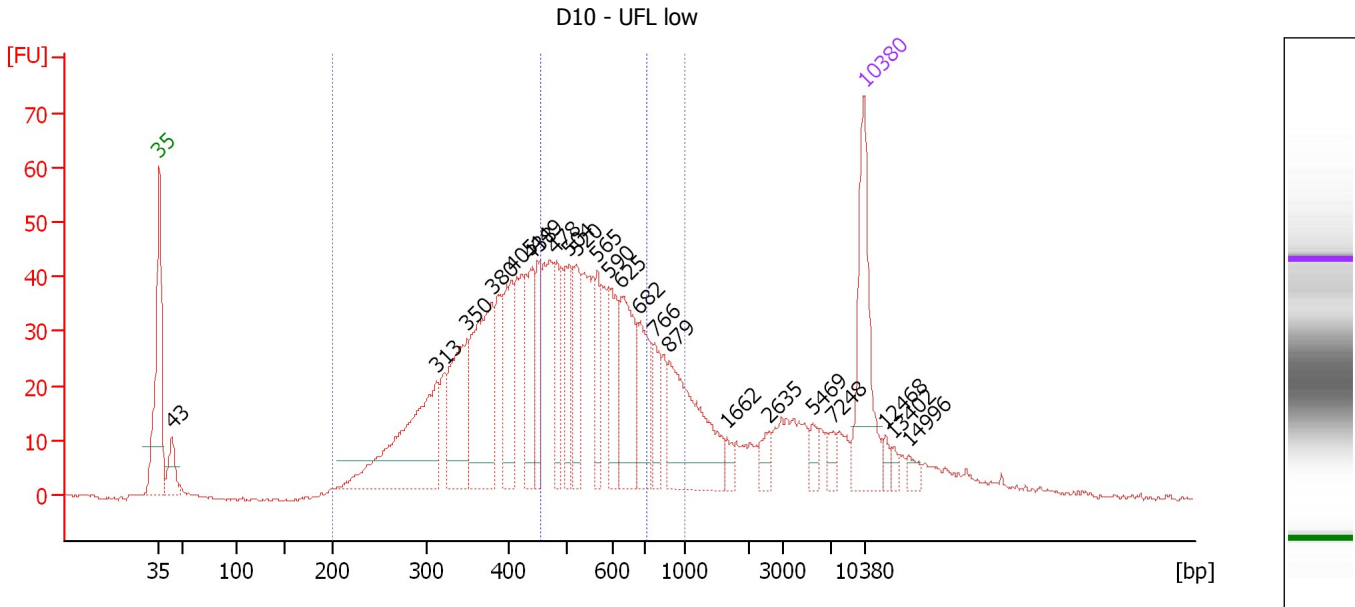
Region table for sample 8 : C10 - UFL low

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	471	1,216.5	4,439.2	1,192.12	82	33.0
446	693	541	468.0	1,239.8	434.57	32	12.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : D10 - UFL low

Number of peaks found: 23 Corr. Area 1: 1,160.8
 Noise: 0.3 Corr. Area 2: 470.3

Peak table for sample 9 : D10 - UFL low

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	43	35.38	1,251.7		44.22
3	313	165.59	802.4		70.53
4	350	98.15	424.8		73.61
5	380	130.79	521.9		76.04
6	405	65.45	244.8		78.00
7	438	61.74	213.7		79.91
8	449	43.29	146.2		80.54
9	478	42.49	134.8		82.24
10	504	44.26	133.1		83.72
11	520	42.90	125.0		84.46
12	565	35.51	95.2		86.52
13	590	46.71	120.0		87.64
14	625	74.18	179.8		88.91
15	682	49.16	109.2		90.71
16	766	27.10	53.6		92.14
17	879	104.89	180.8		93.62
18	1,662	7.15	6.5		99.39
19	2,635	11.44	6.6		103.63
20	5,469	9.03	2.5		107.86
21	7,248	8.55	1.8		109.98
22	10,380	75.00	10.9	Upper Marker	113.00
23	12,468	0.00	0.0		115.01
24	13,402	0.00	0.0		115.91
25	14,996	0.00	0.0		117.45

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...

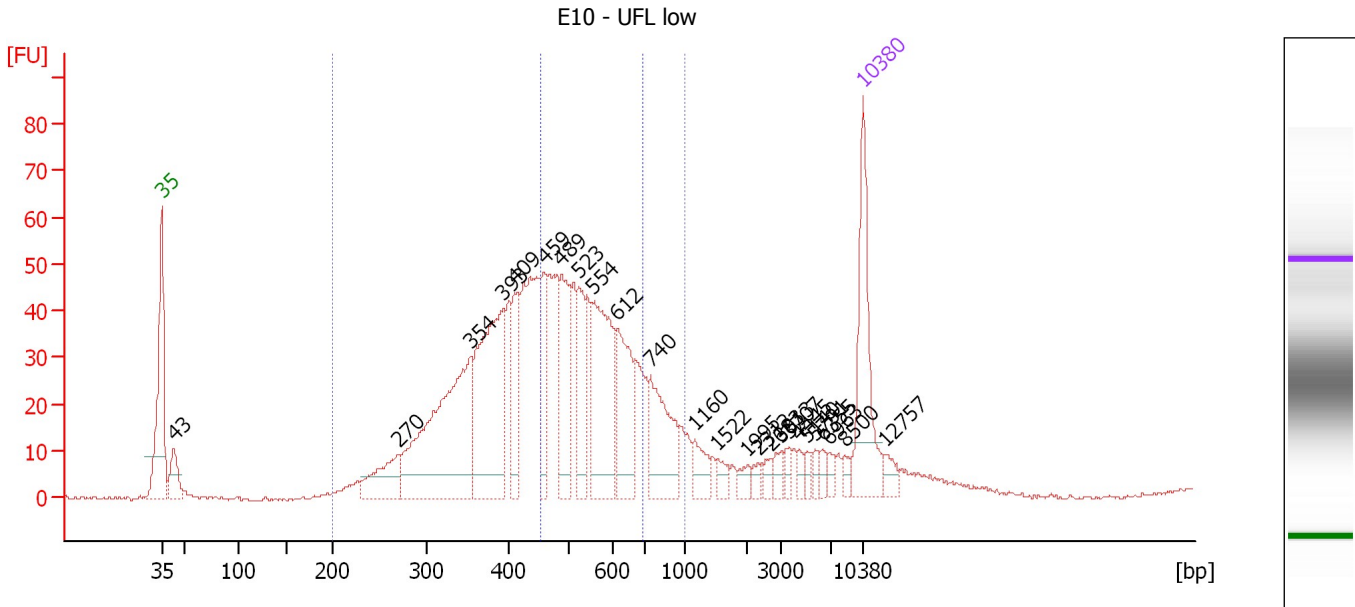
... Region table for sample 9 : D10 - UFL low

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	495	1,160.8	5,149.5	1,449.67	80	32.9
455	707	555	470.3	1,559.7	560.51	33	12.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : E10 - UFL low

Number of peaks found: 25 Corr. Area 1: 1,121.8
 Noise: 0.3 Corr. Area 2: 469.1

Peak table for sample 10 : E10 - UFL low

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	43	38.25	1,362.6		44.17
3	270	53.68	301.5		66.65
4	354	234.73	1,005.7		73.90
5	393	175.12	676.0		77.09
6	409	52.53	194.8		78.21
7	459	48.01	158.5		81.14
8	489	77.40	239.8		82.90
9	523	51.25	148.4		84.61
10	554	119.85	328.0		85.99
11	612	72.88	180.4		88.49
12	740	72.23	147.9		91.80
13	1,160	19.69	25.7		96.22
14	1,522	8.59	8.6		98.51
15	1,995	7.46	5.7		101.49
16	2,312	5.80	3.8		102.56
17	2,683	5.87	3.3		103.78
18	3,013	7.99	4.0		104.85
19	3,707	6.50	2.7		105.70
20	4,445	5.76	2.0		106.61
21	5,140	5.62	1.7		107.46
22	5,791	5.68	1.5		108.26
23	6,355	6.11	1.5		108.95
24	6,963	6.18	1.3		109.70
25	8,500	5.79	1.0		111.19

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 10 : E10 - UFL low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	12,757	0.00	0.0		115.29

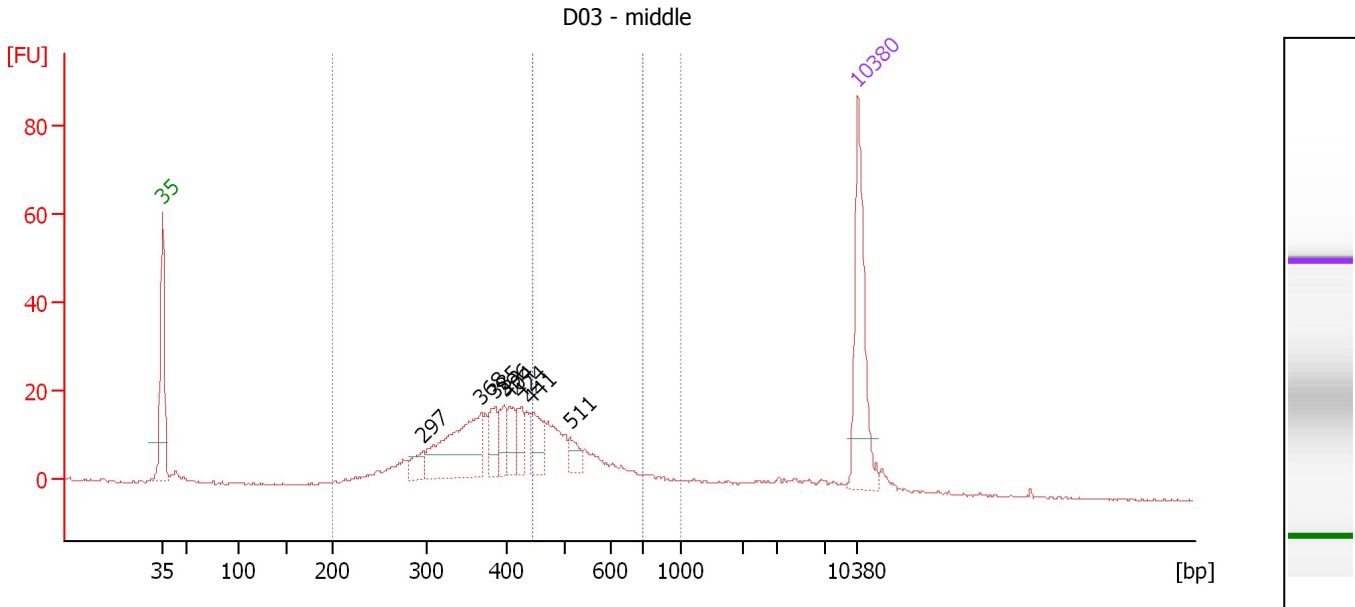
Region table for sample 10 : E10 - UFL low

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	487	1,121.8	4,734.1	1,341.75	87	30.5
454	695	547	469.1	1,514.6	537.34	36	12.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : D03 - middle

Number of peaks found: 8 Corr. Area 1: 388.1
 Noise: 0.2 Corr. Area 2: 119.1

Peak table for sample 11 : D03 - middle

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	297	16.62	84.7		69.25
3	368	97.32	401.1		75.05
4	385	26.81	105.6		76.44
5	396	19.16	73.4		77.36
6	404	19.96	74.9		77.95
7	424	18.13	64.7		79.13
8	441	28.15	96.8		80.09
9	511	12.45	36.9		84.07
10	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : D03 - middle

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	431	388.1	1,913.7	489.13	86	29.6
444	701	524	119.1	417.7	141.72	26	12.4

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-17\2017-08-17_002.xad

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Gel Image

