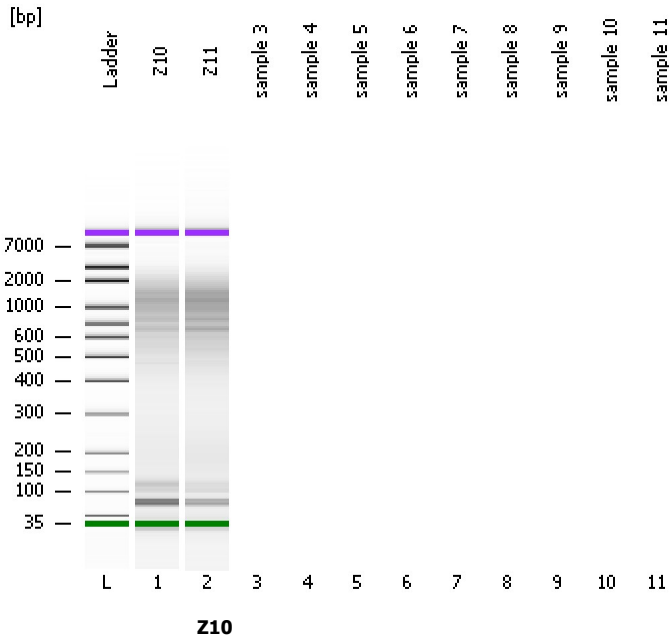


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

Created: 3/21/2018 1:07:57 PM
Modified: 3/21/2018 1:23:33 PM

Electrophoresis File Run Summary



Instrument Information:

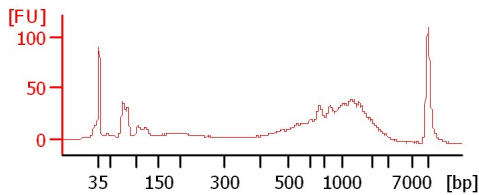
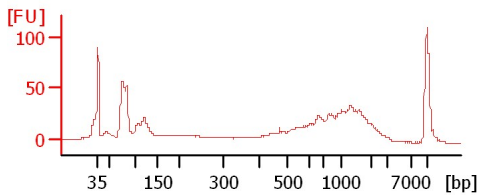
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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\2018-03-21\2018-03-21_001.xad

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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Z10		<input type="checkbox"/>	✓			
Z11		<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"/>	✓			

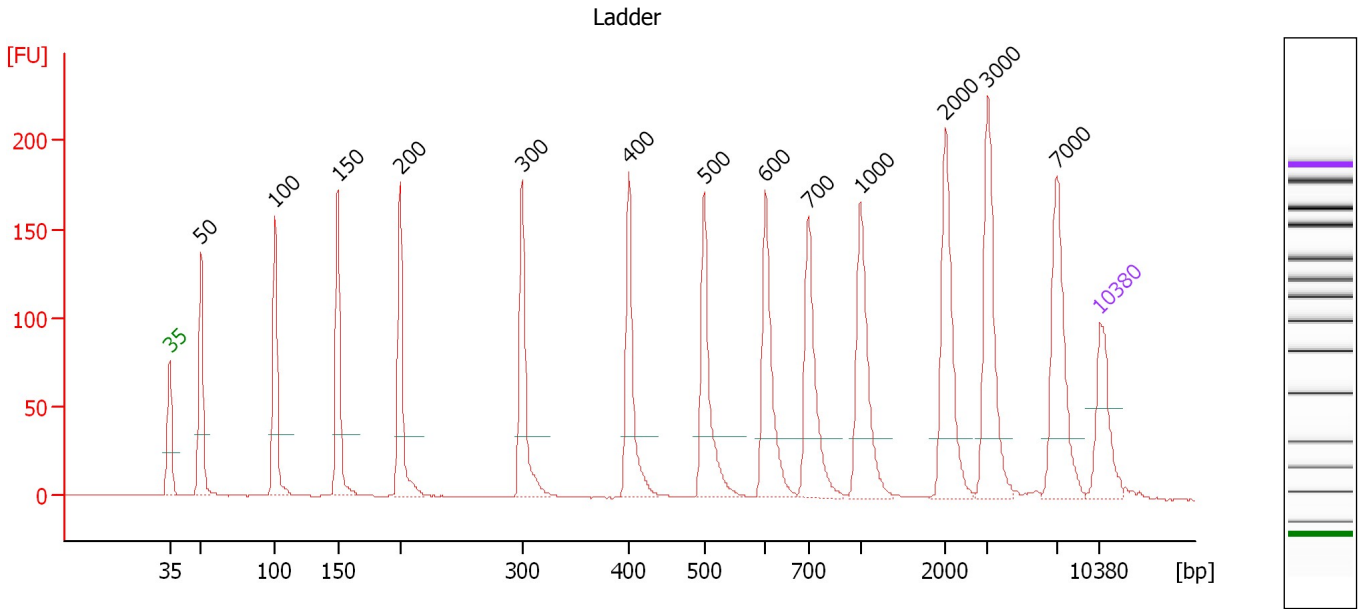
Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

Created: 3/21/2018 1:07:57 PM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

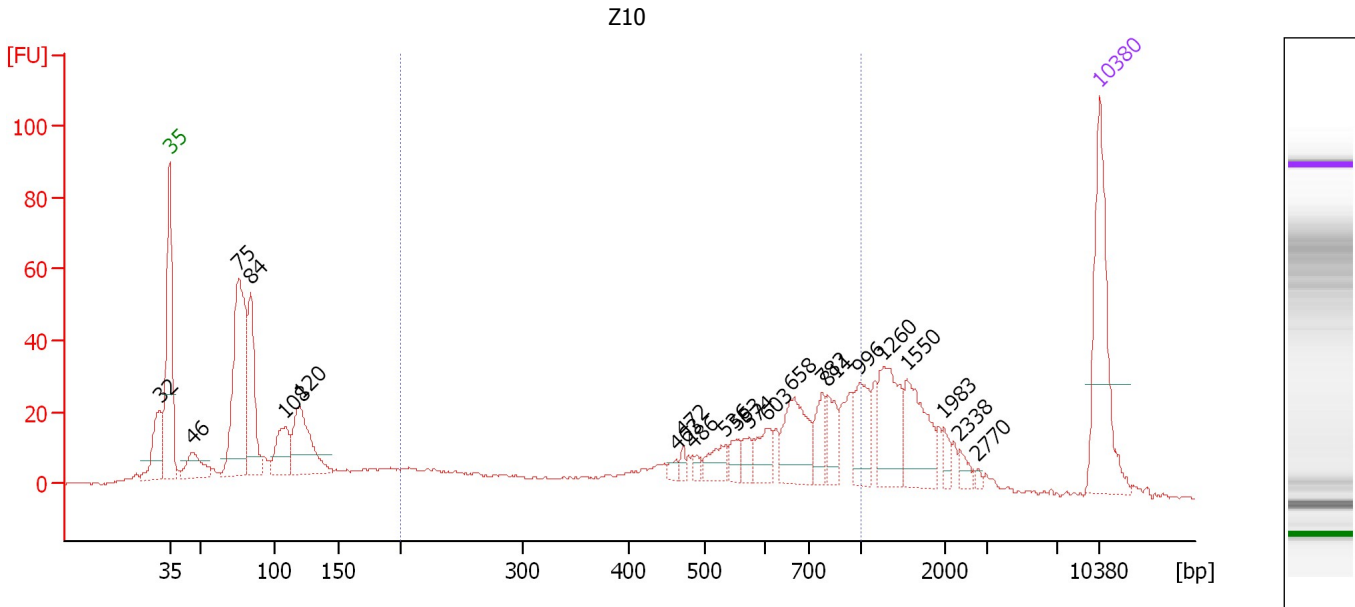
Peak table for Ladder

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	45.35
3	100	150.00	2,272.7	Ladder Peak	50.93
4	150	150.00	1,515.2	Ladder Peak	55.67
5	200	150.00	1,136.4	Ladder Peak	60.31
6	300	150.00	757.6	Ladder Peak	69.51
7	400	150.00	568.2	Ladder Peak	77.53
8	500	150.00	454.5	Ladder Peak	83.21
9	600	150.00	378.8	Ladder Peak	87.81
10	700	150.00	324.7	Ladder Peak	91.04
11	1,000	150.00	227.3	Ladder Peak	94.98
12	2,000	150.00	113.6	Ladder Peak	101.36
13	3,000	150.00	75.8	Ladder Peak	104.55
14	7,000	150.00	32.5	Ladder Peak	109.76
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : Z10

Number of peaks found: 22 Corr. Area 1: 434.9
 Noise: 0.4

Peak table for sample 1 : Z10


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.24
2	35	125.00	5,411.3	Lower Marker	43.00
3	46	32.12	1,066.2		44.66
4	75	183.52	3,687.1		48.18
5	84	88.72	1,609.8		49.09
6	108	42.58	596.4		51.70
7	120	76.72	971.1		52.80
8	463	5.07	16.6		81.09
9	472	5.34	17.1		81.61
10	486	5.15	16.1		82.42
11	536	16.78	47.5		84.85
12	553	10.44	28.6		85.66
13	574	12.01	31.7		86.61
14	603	20.14	50.6		87.89
15	658	49.64	114.2		89.70
16	782	20.67	40.0		92.12
17	811	18.95	35.4		92.50
18	996	30.19	45.9		94.93
19	1,260	50.74	61.0		96.64
20	1,550	44.85	43.8		98.50
21	1,983	6.98	5.3		101.25
22	2,338	6.17	4.0		102.44
23	2,770	2.12	1.2		103.82
24	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

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Electropherogram Summary Continued ...

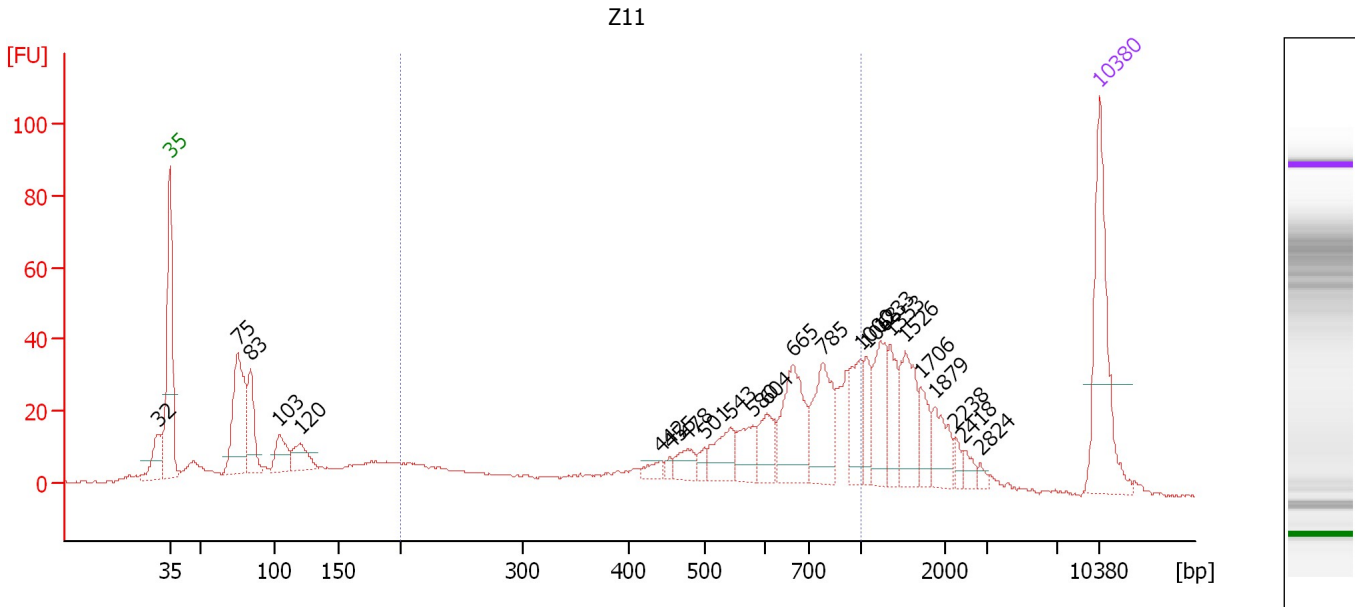
... Region table for sample 1 : Z10

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	592	434.9	406.05	1,359.8	 37	36.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : Z11

Number of peaks found: 24 Corr. Area 1: 497.5
 Noise: 0.5

Peak table for sample 2 : Z11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.09
2	35	125.00	5,411.3	Lower Marker	43.00
3	75	104.70	2,117.9		48.13
4	83	50.35	913.8		49.08
5	103	29.15	427.6		51.24
6	120	26.55	335.3		52.82
7	442	8.39	28.8		79.89
8	455	4.19	13.9		80.66
9	478	15.59	49.4		81.95
10	501	7.01	21.2		83.25
11	543	27.64	77.2		85.16
12	580	23.58	61.6		86.89
13	604	24.84	62.3		87.94
14	665	63.00	143.6		89.91
15	785	55.04	106.3		92.16
16	1,000	29.28	44.4		94.98
17	1,068	18.38	26.1		95.42
18	1,233	37.10	45.6		96.47
19	1,353	23.78	26.6		97.24
20	1,526	40.14	39.9		98.34
21	1,706	16.84	15.0		99.49
22	1,879	21.70	17.5		100.59
23	2,238	5.51	3.7		102.12
24	2,418	6.75	4.2		102.70
25	2,824	3.31	1.8		103.99

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 2 : Z11

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 2 : Z11

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	605	497.5	469.05	1,529.1	44	35.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-21\2018-03-21_001.xad

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Gel Image

