Assay Class:	High Sensitivity DNA Assay	Created:	1/31/2018 3:21:00 PM
Data Path:	C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad	Modified:	1/31/2018 3:42:19 PM

Electrophoresis File Run Summary

Instrument Information:

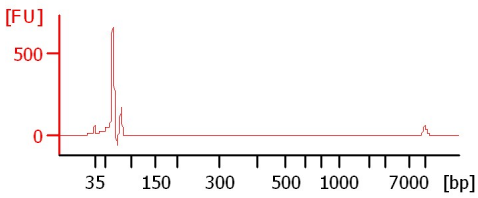|			
Instrument Name:	DE34903152	Firmware:	C.01.069
Serial#:	DE34903152	Type:	G2938C

Assay Information:

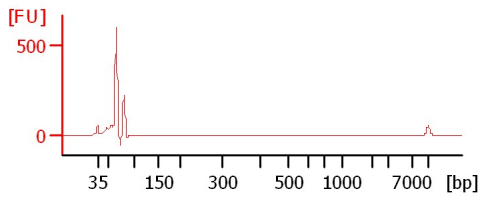|	
Assay Origin Path:	C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class:	High Sensitivity DNA Assay
Version:	1.03
Assay Comments:	Copyright © 2003-2010 Agilent Technologies

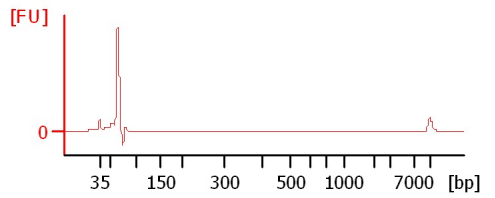Chip Information:
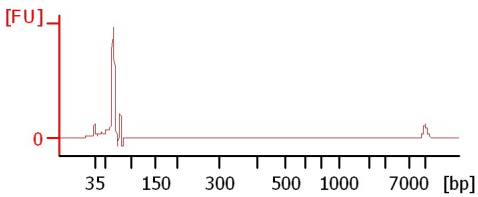
Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

Bsp4 1/3

Bsp6 1/3

Bsp7 1/3

BV3 1/3

Assay Class: High Sensitivity DNA Assay   Created: 1/31/2018 3:21:00 PM
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad   Modified: 1/31/2018 3:42:19 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Bsp4 1/3		☐	✔			
Bsp6 1/3		☐	✔			
Bsp7 1/3		☐	✔			
BV3 1/3		☐	✔			
sample 5		☐				
sample 6		☐				
sample 7		☐				
sample 8		☐				
sample 9		☐				
sample 10		☐				
sample 11		☐				
Ladder		☐	✔			

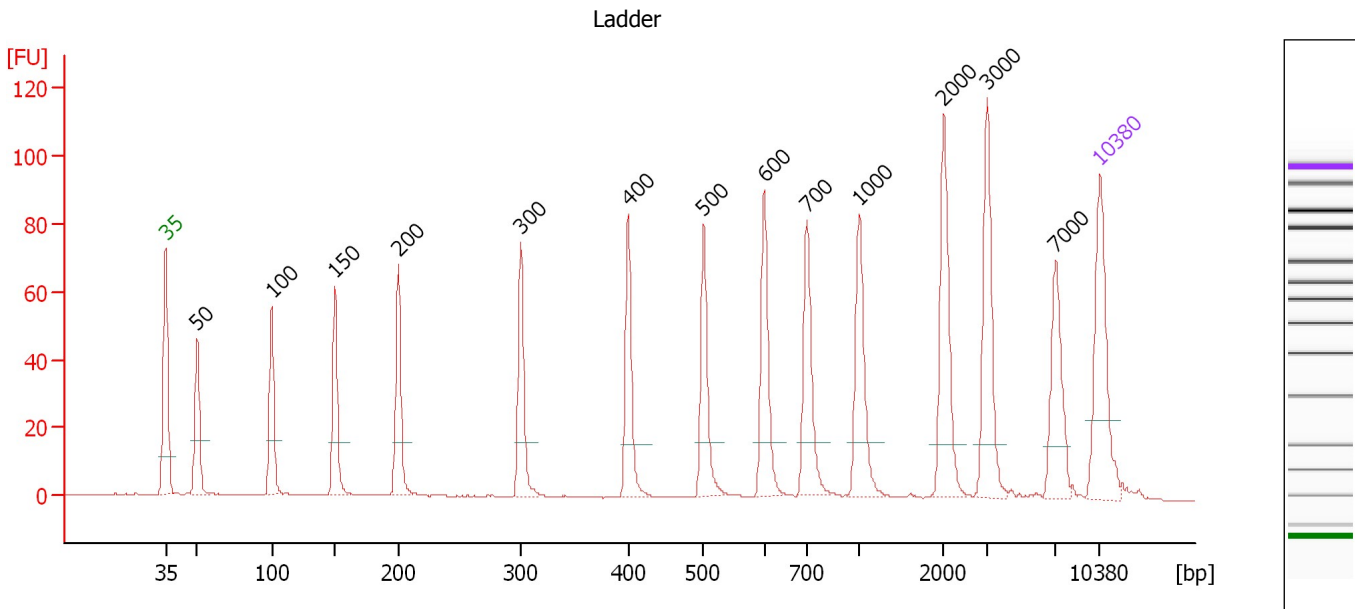**Chip Lot #**   **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad

Created: 1/31/2018 3:21:00 PM
Modified: 1/31/2018 3:42:19 PM

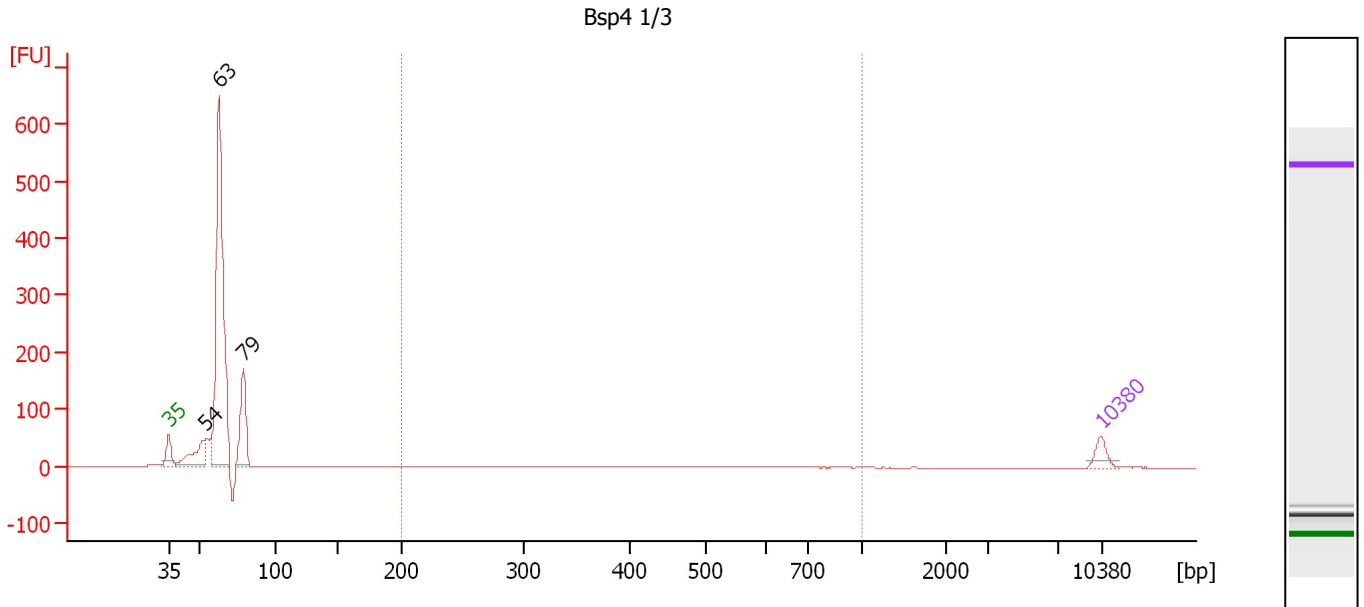**Electropherogram Summary**

Ladder

Overall Results for Ladder

Noise: 0.2

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	L	50	150.00	4,545.5	Ladder Peak	45.33
3	L	100	150.00	2,272.7	Ladder Peak	50.95
4	L	150	150.00	1,515.2	Ladder Peak	55.70
5	L	200	150.00	1,136.4	Ladder Peak	60.41
6	L	300	150.00	757.6	Ladder Peak	69.57
7	L	400	150.00	568.2	Ladder Peak	77.62
8	L	500	150.00	454.5	Ladder Peak	83.29
9	L	600	150.00	378.8	Ladder Peak	87.84
10	L	700	150.00	324.7	Ladder Peak	91.03
11	L	1,000	150.00	227.3	Ladder Peak	94.98
12	L	2,000	150.00	113.6	Ladder Peak	101.31
13	L	3,000	150.00	75.8	Ladder Peak	104.55
14	L	7,000	150.00	32.5	Ladder Peak	109.71
15	▶	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad

Created: 1/31/2018 3:21:00 PM
Modified: 1/31/2018 3:42:19 PM

Electropherogram Summary Continued ...

Bsp4 1/3

Overall Results for sample 1 :   Bsp4 1/3

Number of peaks found:	3	Corr. Area 1:	1.1
Noise:	0.2		

Peak table for sample 1 :   Bsp4 1/3

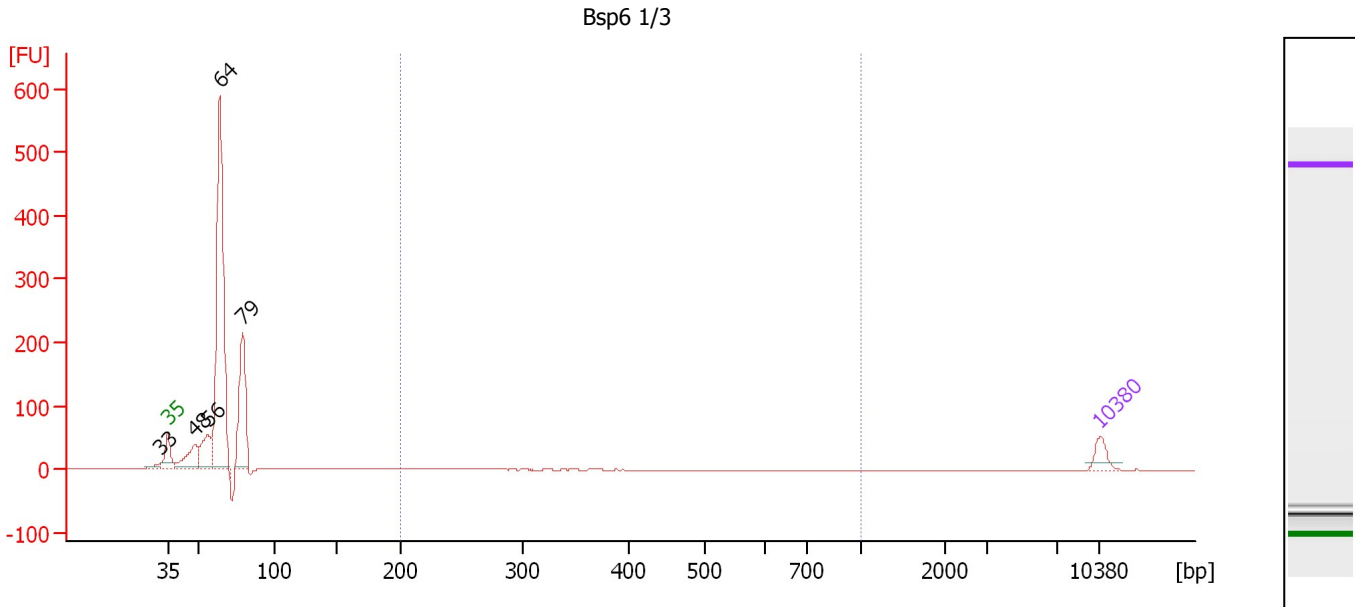| Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	◄	35	125.00	5,411.3	Lower Marker	43.00
2		54	387.86	10,930.8		45.75
3		63	2,726.92	65,758.7		46.77
4		79	581.37	11,128.5		48.60
5	►	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 1 :   Bsp4 1/3

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	614	1.1	2.33	6.2	▮ 0	26.6

Assay Class: High Sensitivity DNA Assay   Created: 1/31/2018 3:21:00 PM
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad   Modified: 1/31/2018 3:42:19 PM

Electropherogram Summary Continued ...

Bsp6 1/3

Overall Results for sample 2 :   Bsp6 1/3

Number of peaks found:	5	Corr. Area 1:	3.1
Noise:	0.2		

Peak table for sample 2 :   Bsp6 1/3

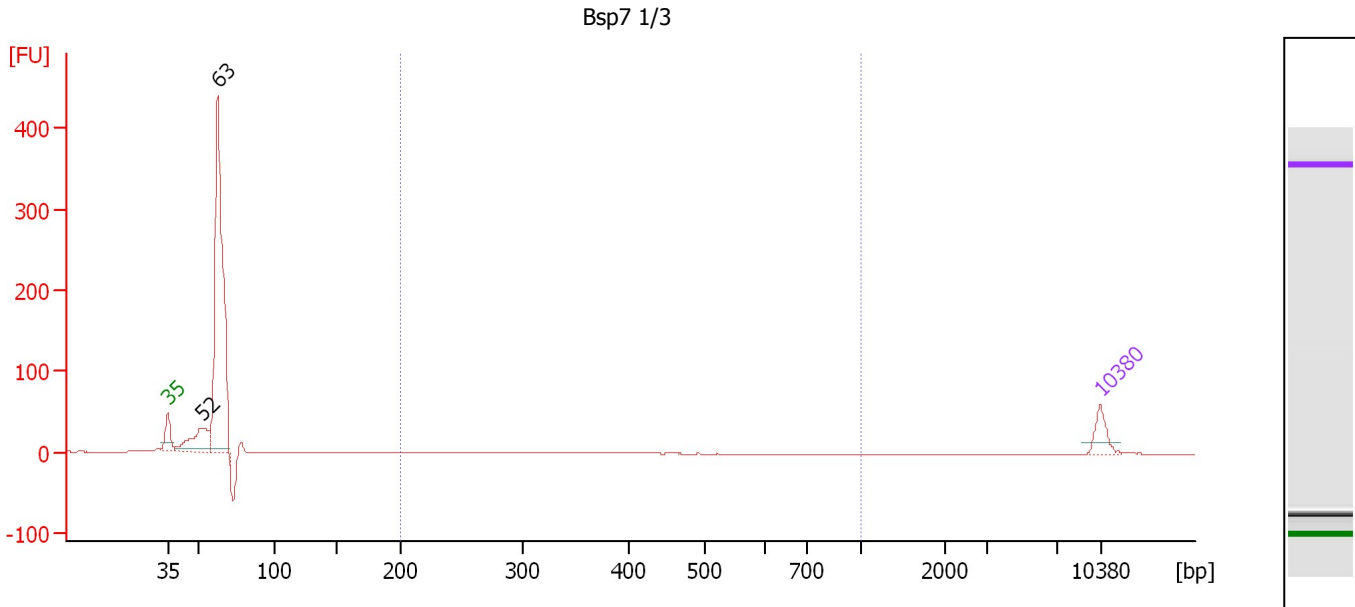| Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1		33	0.00	0.0		42.44
2	◄	35	125.00	5,411.3	Lower Marker	43.00
3		48	306.93	9,666.2		45.03
4		56	337.22	9,125.2		46.00
5		64	2,376.44	56,137.2		46.92
6		79	821.33	15,736.3		48.60
7	►	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 2 :   Bsp6 1/3

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	399	3.1	7.19	30.5	■ 0	27.4

Assay Class: High Sensitivity DNA Assay   Created: 1/31/2018 3:21:00 PM
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad   Modified: 1/31/2018 3:42:19 PM

Electropherogram Summary Continued ...

Bsp7 1/3

Overall Results for sample 3 :   Bsp7 1/3

Number of peaks found:	2	Corr. Area 1:	0.0
Noise:	0.2		

Peak table for sample 3 :   Bsp7 1/3

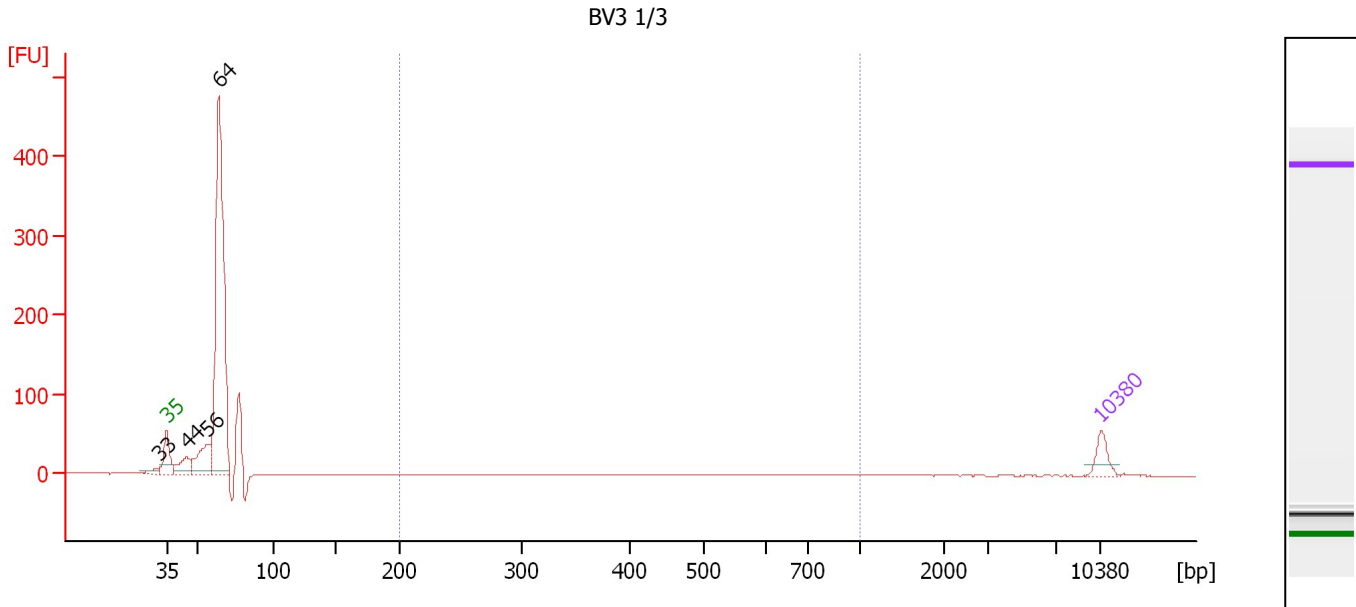| Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	◀	35	125.00	5,411.3	Lower Marker	43.00
2		52	312.49	9,147.9		45.53
3		63	1,870.02	45,140.4		46.76
4	▶	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 3 :   Bsp7 1/3

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	0	0.0	0.00	0.0	■ 0	0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad

Created: 1/31/2018 3:21:00 PM
Modified: 1/31/2018 3:42:19 PM

Electropherogram Summary Continued ...

BV3 1/3

Overall Results for sample 4 : BV3 1/3

Number of peaks found:	4	Corr. Area 1:	1.0
Noise:	0.1		

Peak table for sample 4 : BV3 1/3

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	33	0.00	0.0		42.37
2 ◄	35	125.00	5,411.3	Lower Marker	43.00
3	44	156.88	5,344.0		44.47
4	56	277.26	7,447.8		46.05
5	64	2,155.82	51,126.1		46.89
6 ►	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 4 : BV3 1/3

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	550	1.0	1.95	5.6	▮ 0	15.4

Assay Class:	High Sensitivity DNA Assay
Data Path:	C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad

Created: 1/31/2018 3:21:00 PM
Modified: 1/31/2018 3:42:19 PM

Gel Image

| Assay Class: | High Sensitivity DNA Assay | | Created: | 1/31/2018 3:21:00 PM |
| Data Path: | C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_003.xad | | Modified: | 1/31/2018 3:42:19 PM |

Invalid Samples

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.