

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-12\2017-05-12_001.xad

Created: 5/12/2017 3:18:43 PM
Modified: 5/12/2017 3:37:33 PM

Electrophoresis File Run Summary

Instrument Information:

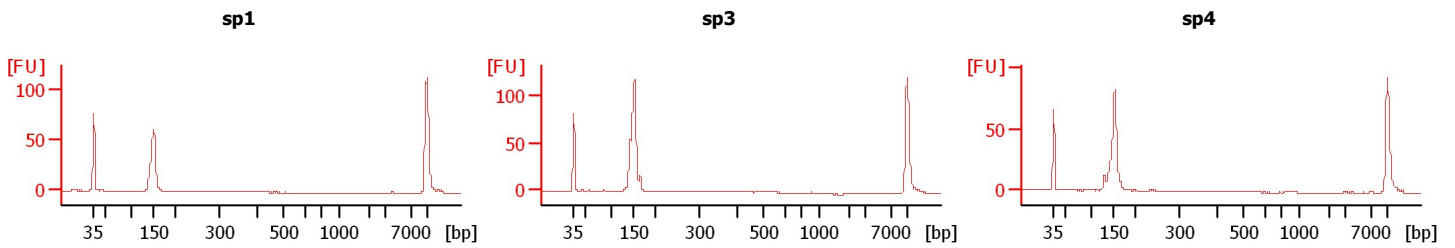
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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
sp1		<input type="checkbox"/>				
sp3		<input type="checkbox"/>		✓		
sp4		<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 #

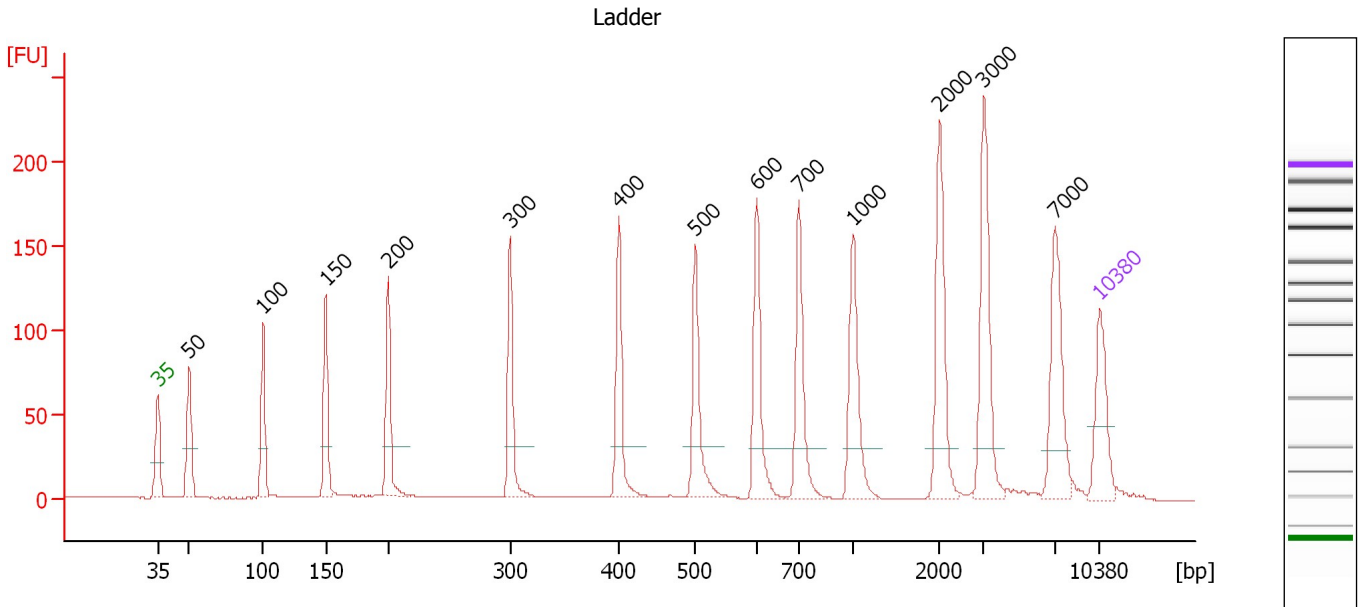
Reagent Kit Lot #

Chip Comments :

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Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

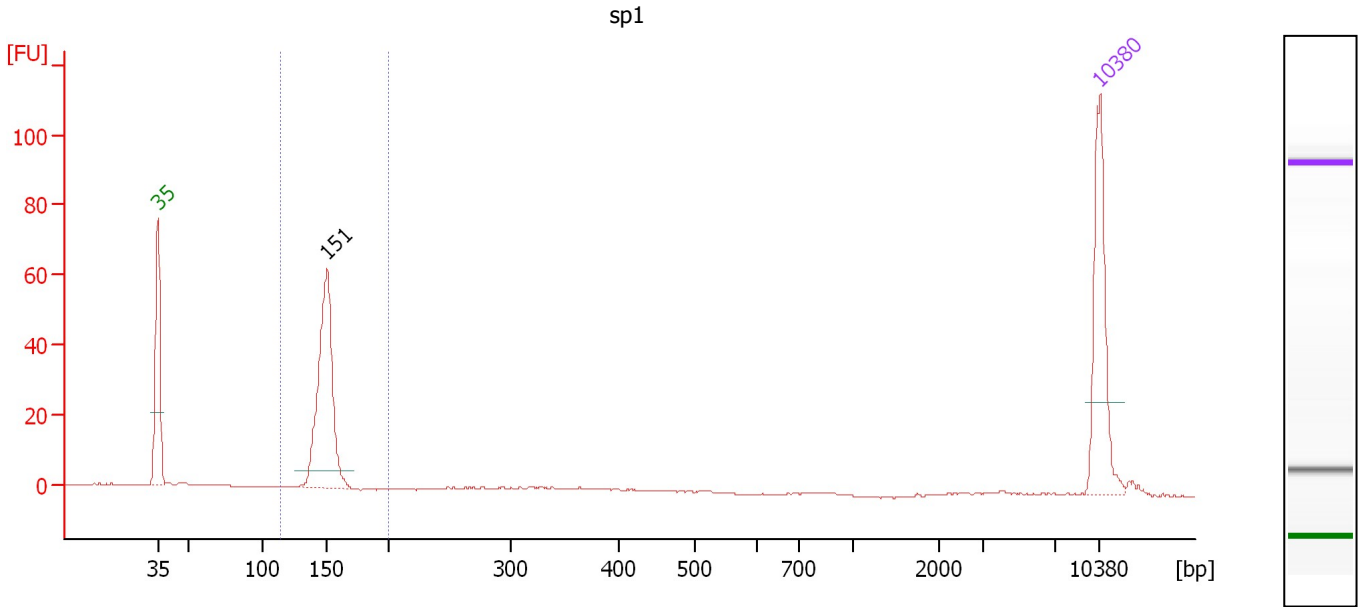
Peak table for Ladder

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	50	150.00	4,545.5	Ladder Peak	45.34
3	100	150.00	2,272.7	Ladder Peak	50.82
4	150	150.00	1,515.2	Ladder Peak	55.51
5	200	150.00	1,136.4	Ladder Peak	60.15
6	300	150.00	757.6	Ladder Peak	69.19
7	400	150.00	568.2	Ladder Peak	77.25
8	500	150.00	454.5	Ladder Peak	82.97
9	600	150.00	378.8	Ladder Peak	87.51
10	700	150.00	324.7	Ladder Peak	90.65
11	1,000	150.00	227.3	Ladder Peak	94.63
12	2,000	150.00	113.6	Ladder Peak	101.10
13	3,000	150.00	75.8	Ladder Peak	104.38
14	7,000	150.00	32.5	Ladder Peak	109.67
15	10,380	75.00	10.9	Upper Marker	113.00

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Electropherogram Summary Continued ...



Overall Results for sample 1 : sp1

Number of peaks found: 1 Corr. Area 1: 141.0
 Noise: 0.1

Peak table for sample 1 : sp1

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	151	205.84	2,062.9		55.62
3	10,380	75.00	10.9	Upper Marker	113.00

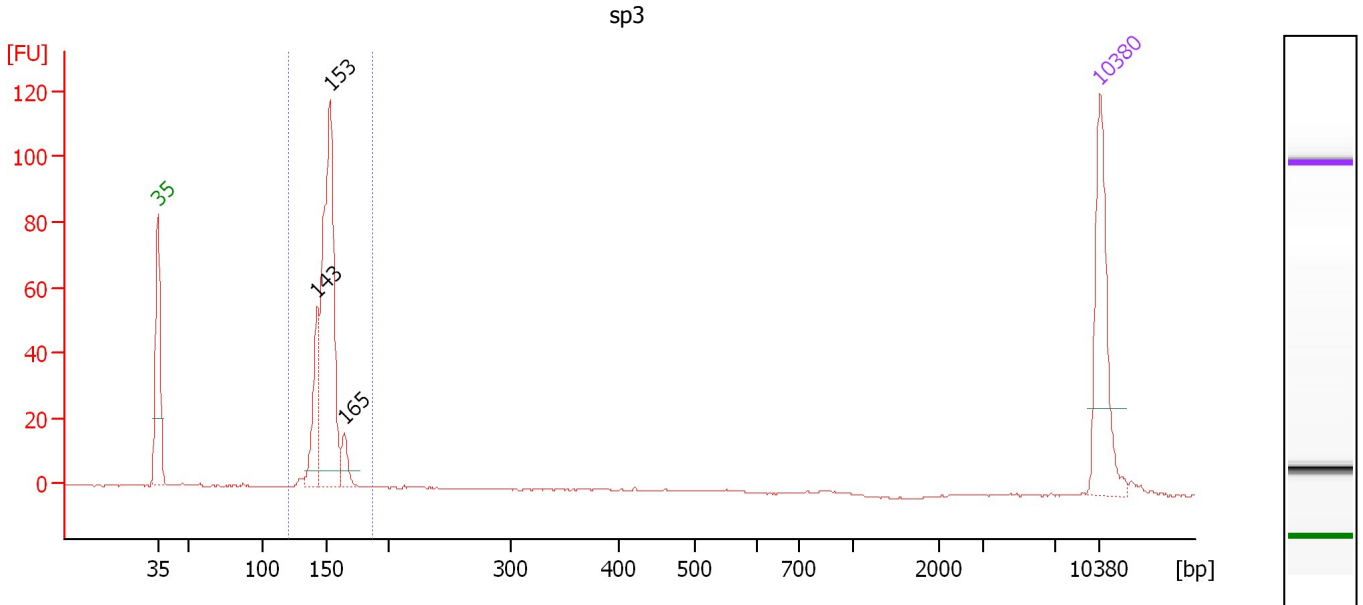
Region table for sample 1 : sp1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
113	200	149	141.0	2,099.2	206.38	79	4.0

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Electropherogram Summary Continued ...



Overall Results for sample 2 : sp3

Number of peaks found: 3 Corr. Area 1: 270.5
 Noise: 0.1

Peak table for sample 2 : sp3

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	143	61.83	654.8		54.86
3	153	269.56	2,670.1		55.78
4	165	20.50	188.2		56.90
5	10,380	75.00	10.9	Upper Marker	113.00

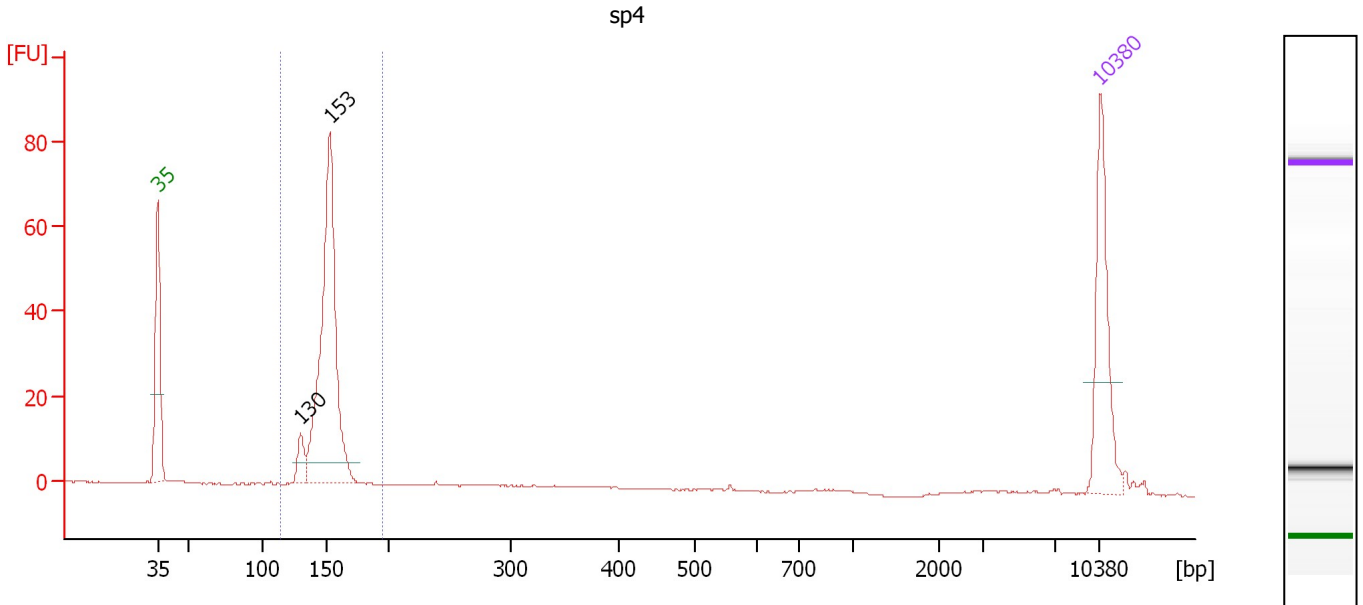
Region table for sample 2 : sp3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
120	187	151	270.5	3,629.0	359.95	93	4.7

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Electropherogram Summary Continued ...



Overall Results for sample 3 : sp4

Number of peaks found: 2 Corr. Area 1: 196.9
 Noise: 0.2

Peak table for sample 3 : sp4

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	130	24.13	281.4		53.63
3	153	322.12	3,183.3		55.82
4	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 3 : sp4

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
115	195	151	196.9	3,519.7	348.85	96	5.6

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Gel Image

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Invalid Samples

Sample 4 has not been run, no results available.

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.