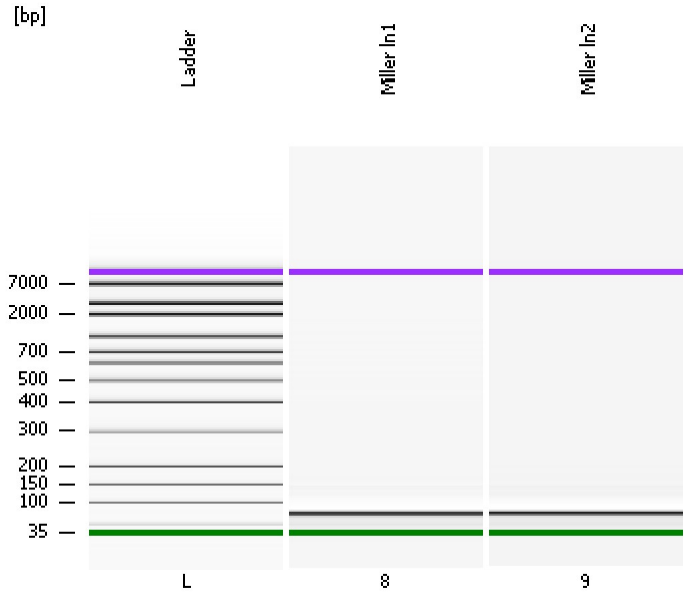
Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2018-03-22\2018-03-22_002_Millller.xad

Created: 3/22/2018 8:21:02 AM
Modified: 3/22/2018 9:06:38 AM

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

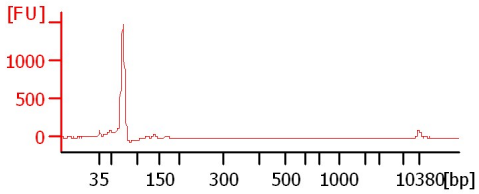
Chip Information:

Chip Lot #:

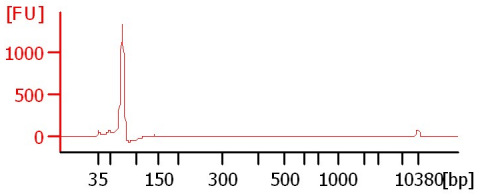
Reagent Kit Lot #:

Chip Comments:

Miller ln1



Miller ln2



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2018-03-22\2018-03-22_002_Millller.xad

Created: 3/22/2018 8:21:02 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Miller ln1		☐	✔			
Miller ln2		☐	✔			
Ladder		☐	✔			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2018-03-22\2018-03-22_002_Millller.xad

Created: 3/22/2018 8:21:02 AM
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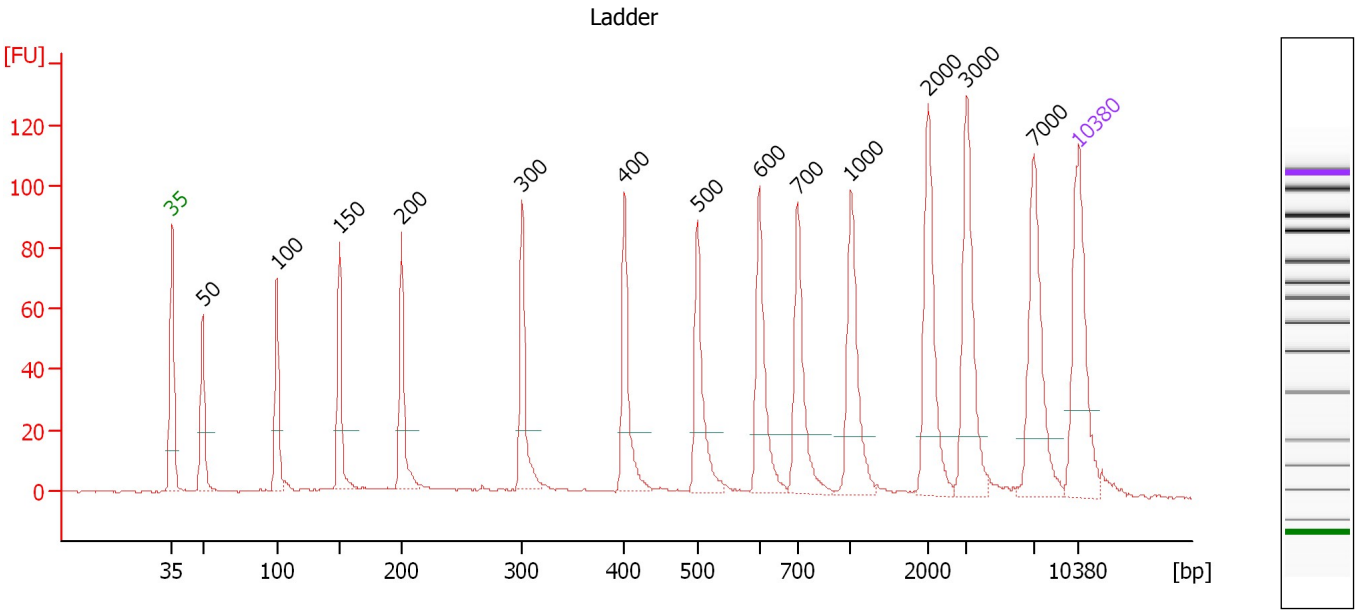
Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

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	45.36
3		100	150.00	2,272.7	Ladder Peak	51.11
4		150	150.00	1,515.2	Ladder Peak	55.93
5		200	150.00	1,136.4	Ladder Peak	60.71
6		300	150.00	757.6	Ladder Peak	70.07
7		400	150.00	568.2	Ladder Peak	77.95
8		500	150.00	454.5	Ladder Peak	83.56
9		600	150.00	378.8	Ladder Peak	88.34
10		700	150.00	324.7	Ladder Peak	91.30
11		1,000	150.00	227.3	Ladder Peak	95.43
12		2,000	150.00	113.6	Ladder Peak	101.41
13		3,000	150.00	75.8	Ladder Peak	104.38
14		7,000	150.00	32.5	Ladder Peak	109.57
15		10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2018-03-22\2018-03-22_002_Millller.xad

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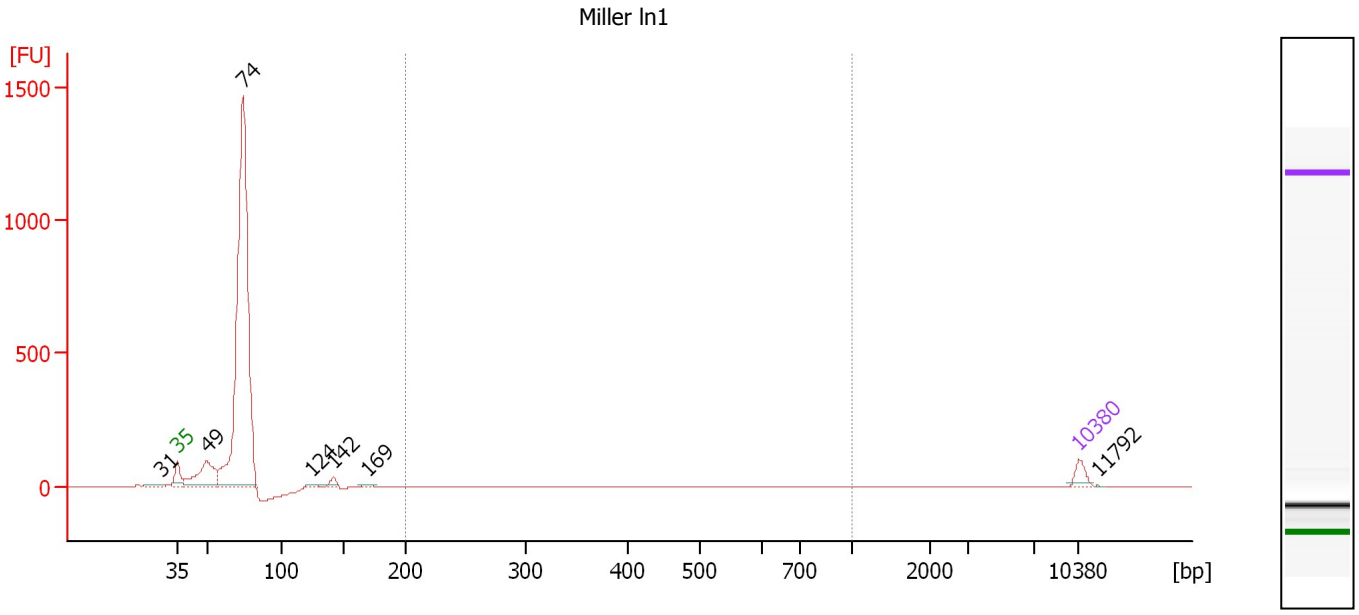
Electropherogram Summary Continued ...



Overall Results for sample 8 : Miller ln1

Number of peaks found:	7	Corr. Area 1:	1.5
Noise:	0.4		

Peak table for sample 8 : Miller ln1

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.83
2	35	125.00	5,411.3	Lower Marker	43.00
3	49	584.39	17,895.4		45.28
4	74	5,356.84	110,052.3		48.09
5	124	22.91	279.3		53.45
6	142	56.51	603.4		55.15
7	169	19.21	172.1		57.75
8	10,380	75.00	10.9	Upper Marker	113.00
9	11,792	0.00	0.0		114.43

Region table for sample 8 : Miller ln1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/µl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	560	1.5	1.81	6.8	0	42.6

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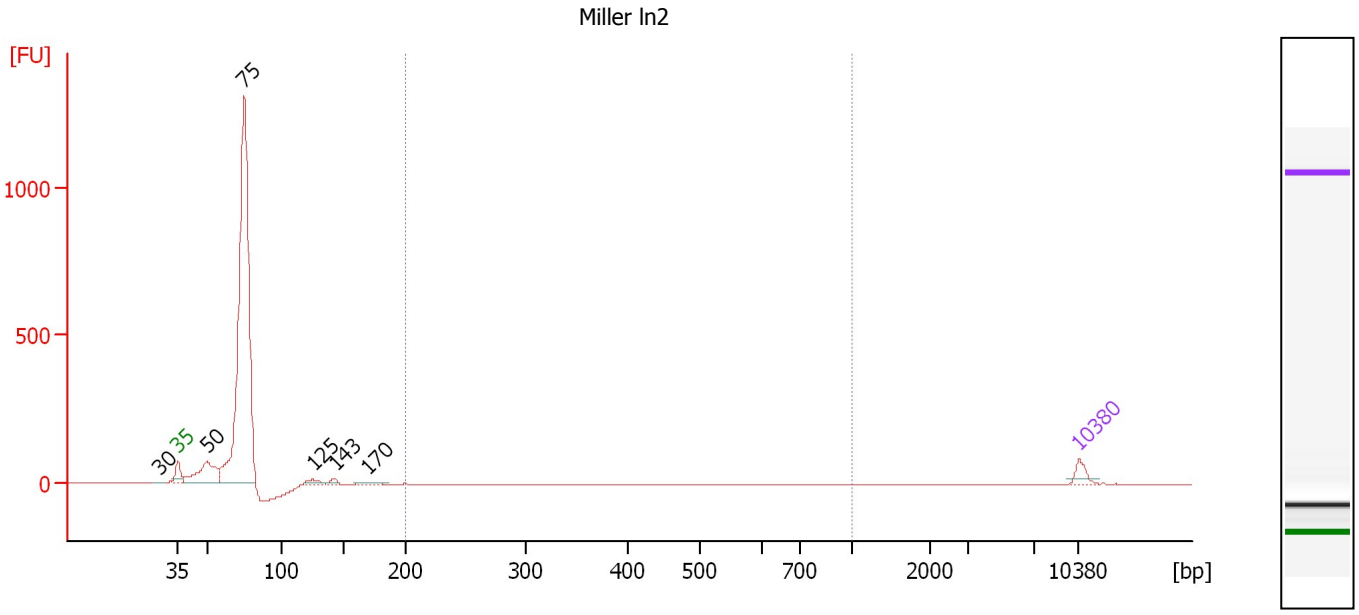
Electropherogram Summary Continued ...



Overall Results for sample 9 : Miller ln2

Number of peaks found:	6	Corr. Area 1:	3.9
Noise:	0.2		

Peak table for sample 9 : Miller ln2

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.66
2	35	125.00	5,411.3	Lower Marker	43.00
3	50	589.36	18,011.5		45.30
4	75	5,522.33	112,281.0		48.18
5	125	65.51	793.9		53.53
6	143	44.03	467.2		55.24
7	170	21.19	189.4		57.80
8	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 9 : Miller ln2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/µl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	579	3.9	5.74	18.4	0	27.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...yzer\2100 expert\data\2018-03-22\2018-03-22_002_Millller.xad

Created: 3/22/2018 8:21:02 AM
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Gel Image