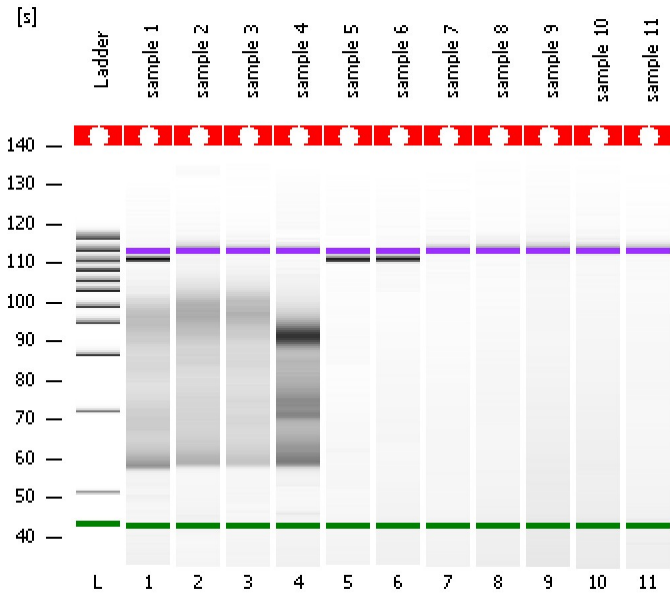


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 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

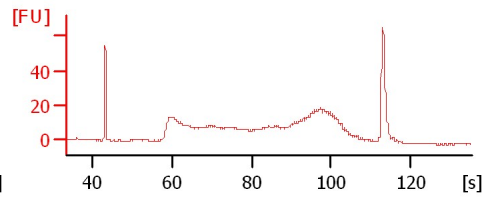
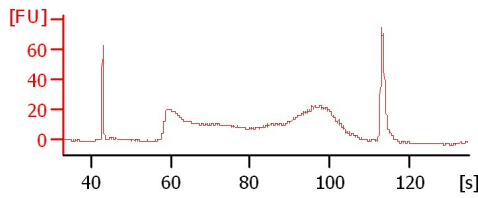
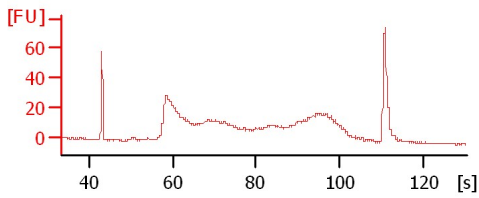
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

sample 1

sample 2

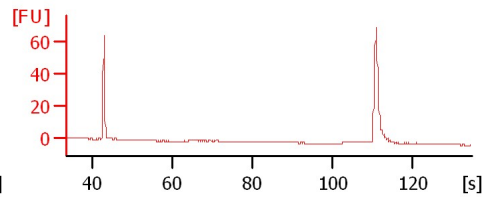
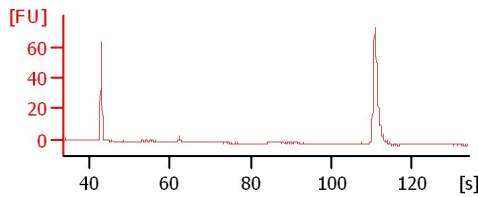
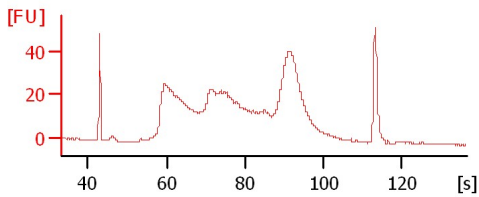
sample 3



sample 4

sample 5

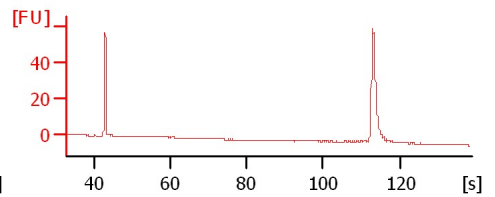
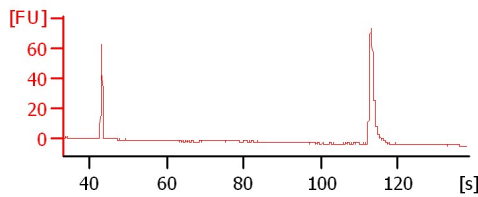
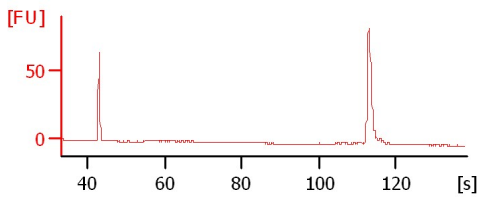
sample 6



sample 7

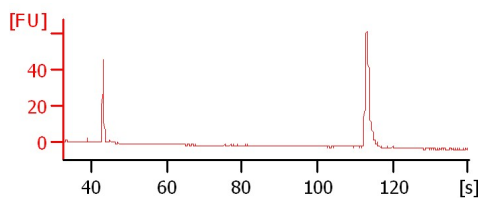
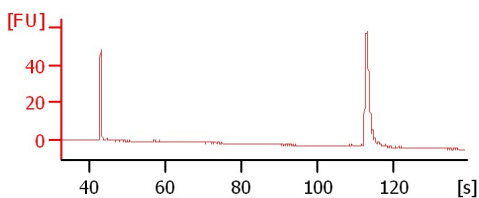
sample 8

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
 Modified: 1/19/2018 11:09:08 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<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 #

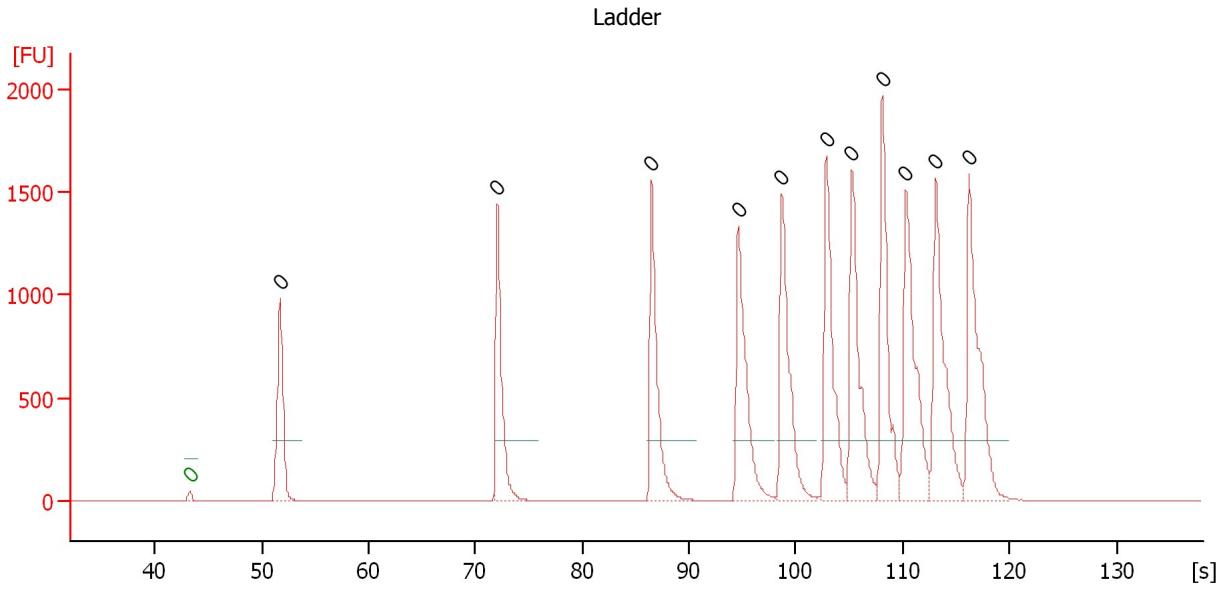
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
 Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

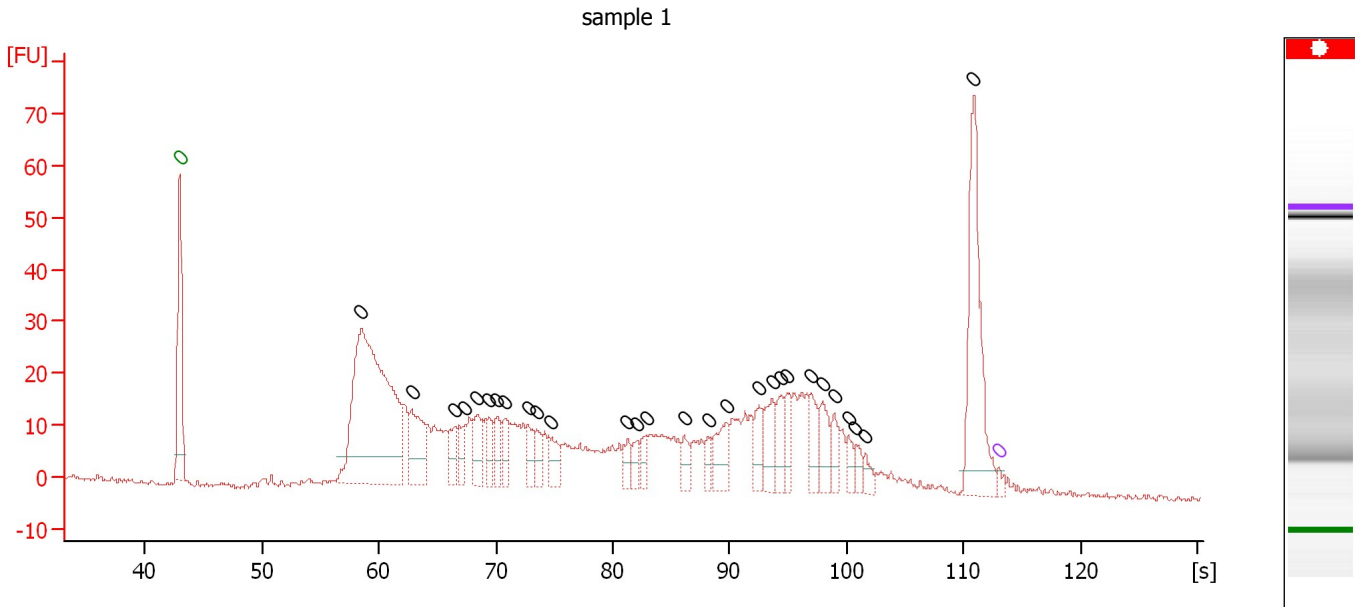
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.30
2	0	0.00	0.0	Ladder Peak	51.75
3	0	0.00	0.0	Ladder Peak	72.05
4	0	0.00	0.0	Ladder Peak	86.50
5	0	0.00	0.0	Ladder Peak	94.60
6	0	0.00	0.0	Ladder Peak	98.70
7	0	0.00	0.0	Ladder Peak	102.85
8	0	0.00	0.0	Ladder Peak	105.25
9	0	0.00	0.0	Ladder Peak	108.10
10	0	0.00	0.0	Ladder Peak	110.30
11	0	0.00	0.0	Ladder Peak	113.10
12	0	0.00	0.0	Ladder Peak	116.20

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
 Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : sample 1

Number of peaks found: 28 Noise: 0.5

Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		58.51
3	0	0.00	0.0		62.83
4	0	0.00	0.0		66.55
5	0	0.00	0.0		67.37
6	0	0.00	0.0		68.38
7	0	0.00	0.0		69.44
8	0	0.00	0.0		70.13
9	0	0.00	0.0		70.77
10	0	0.00	0.0		72.74
11	0	0.00	0.0		73.48
12	0	0.00	0.0		74.63
13	0	0.00	0.0		81.24
14	0	0.00	0.0		82.06
15	0	0.00	0.0		82.89
16	0	0.00	0.0		86.10
17	0	0.00	0.0		88.17
18	0	0.00	0.0		89.73
19	0	0.00	0.0		92.53
20	0	0.00	0.0		93.63
21	0	0.00	0.0		94.36
22	0	0.00	0.0		94.87
23	0	0.00	0.0		96.98
24	0	0.00	0.0		97.90
25	0	0.00	0.0		98.95
26	0	0.00	0.0		100.15
27	0	0.00	0.0		100.79

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

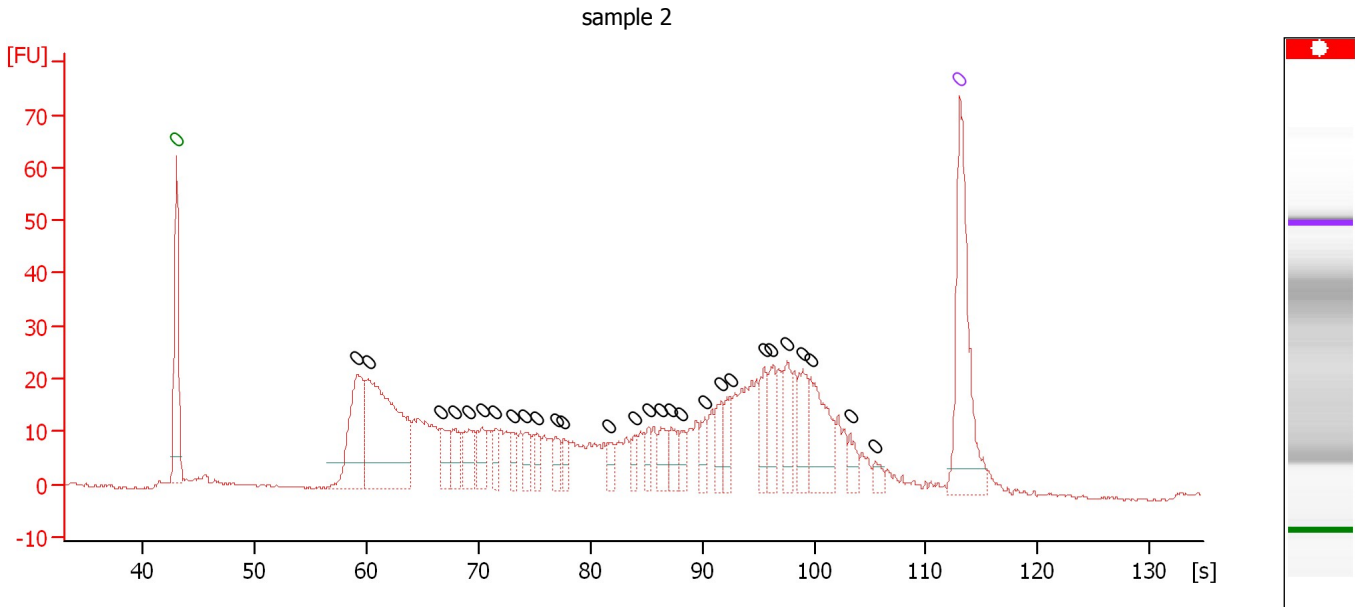
Electropherogram Summary Continued ...**... Peak table for sample 1 : sample 1**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		101.57
29	0	0.00	0.0		110.89
30	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
 Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 28 Noise: 0.2

Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		59.13
3	0	0.00	0.0		60.09
4	0	0.00	0.0		66.57
5	0	0.00	0.0		67.87
6	0	0.00	0.0		69.17
7	0	0.00	0.0		70.32
8	0	0.00	0.0		71.52
9	0	0.00	0.0		73.01
10	0	0.00	0.0		74.11
11	0	0.00	0.0		75.12
12	0	0.00	0.0		76.90
13	0	0.00	0.0		77.57
14	0	0.00	0.0		81.55
15	0	0.00	0.0		83.91
16	0	0.00	0.0		85.20
17	0	0.00	0.0		86.31
18	0	0.00	0.0		87.27
19	0	0.00	0.0		88.13
20	0	0.00	0.0		90.29
21	0	0.00	0.0		91.68
22	0	0.00	0.0		92.55
23	0	0.00	0.0		95.52
24	0	0.00	0.0		96.10
25	0	0.00	0.0		97.59
26	0	0.00	0.0		98.93
27	0	0.00	0.0		99.75

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

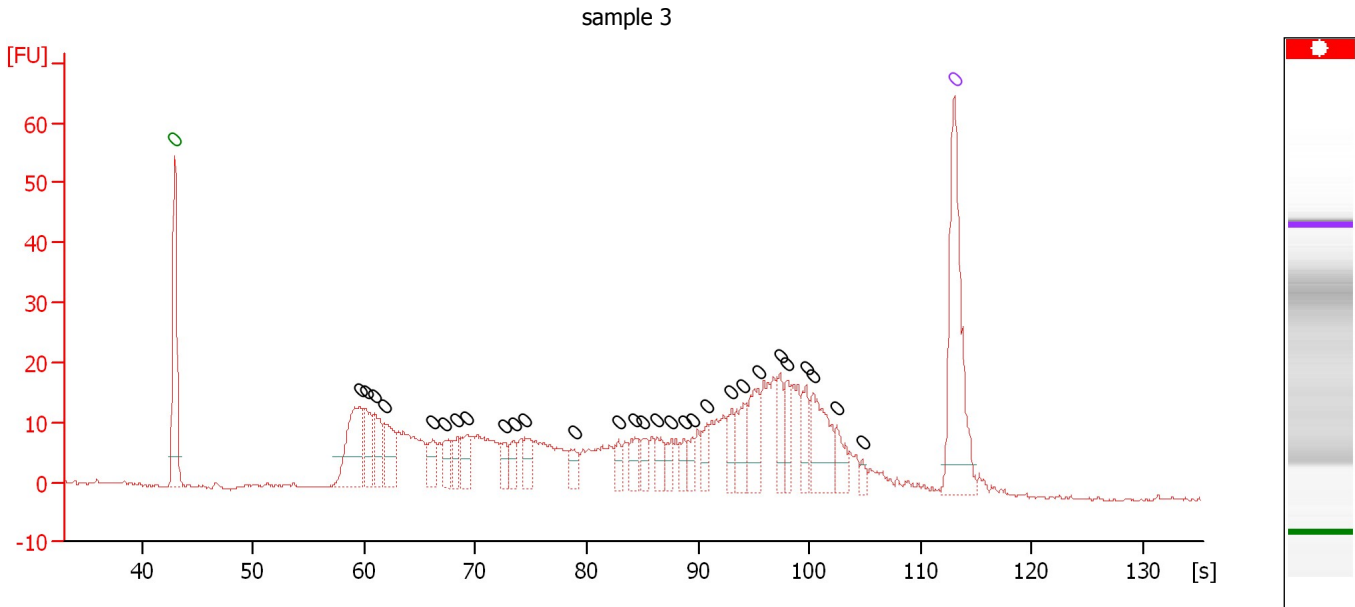
Electropherogram Summary Continued ...**... Peak table for sample 2 : sample 2**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		103.21
29	0	0.00	0.0		105.46
30	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
 Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 29 Noise: 0.2

Peak table for sample 3 : sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		59.64
3	0	0.00	0.0		60.13
4	0	0.00	0.0		60.95
5	0	0.00	0.0		61.81
6	0	0.00	0.0		66.16
7	0	0.00	0.0		67.27
8	0	0.00	0.0		68.38
9	0	0.00	0.0		69.24
10	0	0.00	0.0		72.67
11	0	0.00	0.0		73.44
12	0	0.00	0.0		74.45
13	0	0.00	0.0		78.84
14	0	0.00	0.0		82.85
15	0	0.00	0.0		84.34
16	0	0.00	0.0		85.07
17	0	0.00	0.0		86.37
18	0	0.00	0.0		87.62
19	0	0.00	0.0		88.73
20	0	0.00	0.0		89.51
21	0	0.00	0.0		90.81
22	0	0.00	0.0		92.98
23	0	0.00	0.0		94.04
24	0	0.00	0.0		95.39
25	0	0.00	0.0		97.37
26	0	0.00	0.0		98.04
27	0	0.00	0.0		99.69

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

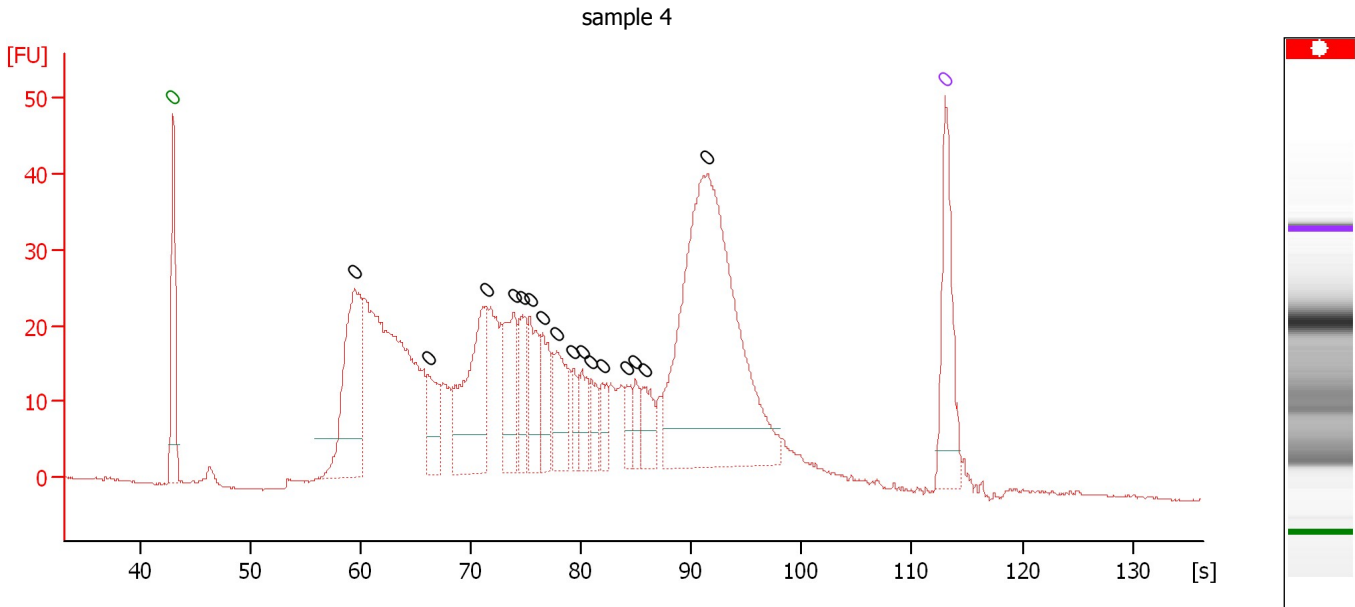
Electropherogram Summary Continued ...**... Peak table for sample 3 : sample 3**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		100.31
29	0	0.00	0.0		102.43
30	0	0.00	0.0		104.75
31	▶ 0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
 Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 16 Noise: 0.1

Peak table for sample 4 : sample 4

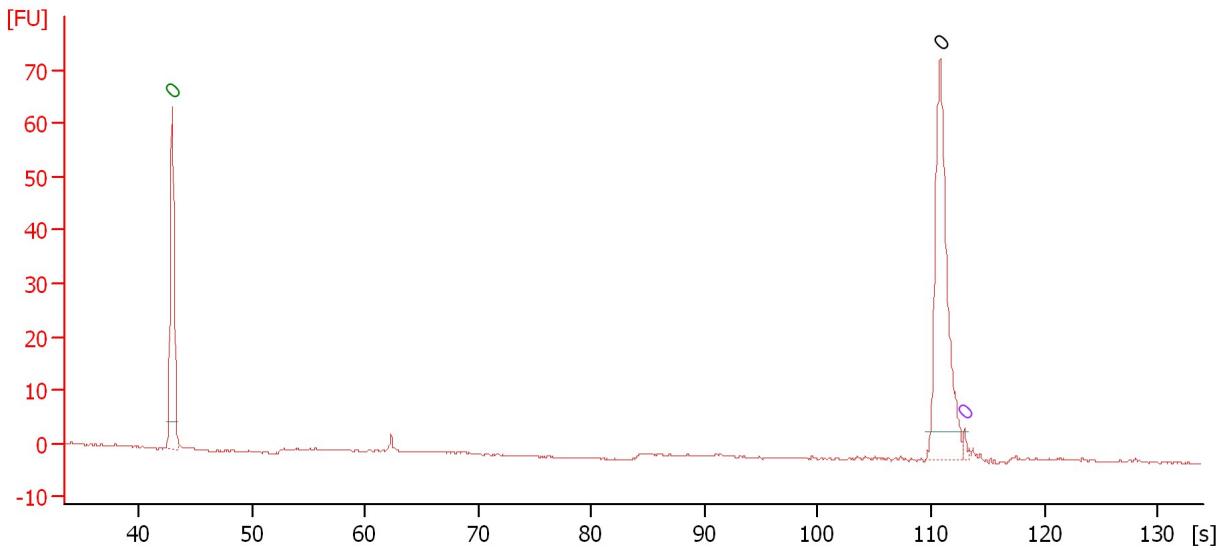
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		59.46
3	0	0.00	0.0		66.09
4	0	0.00	0.0		71.40
5	0	0.00	0.0		73.88
6	0	0.00	0.0		74.66
7	0	0.00	0.0		75.35
8	0	0.00	0.0		76.47
9	0	0.00	0.0		77.73
10	0	0.00	0.0		79.24
11	0	0.00	0.0		80.12
12	0	0.00	0.0		80.90
13	0	0.00	0.0		81.92
14	0	0.00	0.0		84.16
15	0	0.00	0.0		84.94
16	0	0.00	0.0		85.72
17	0	0.00	0.0		91.47
18	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...

sample 5



Overall Results for sample 5 : sample 5

Number of peaks found: 1 Noise: 0.1

Peak table for sample 5 : sample 5

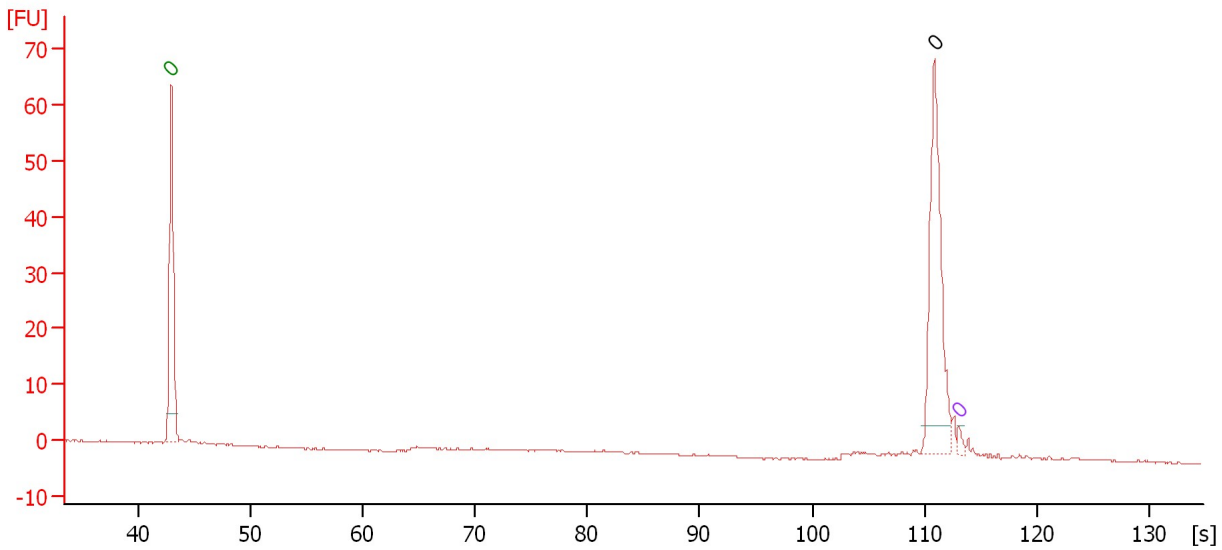
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		110.82
3	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...

sample 6



Overall Results for sample 6 : sample 6

Number of peaks found: 1 Noise: 0.1

Peak table for sample 6 : sample 6

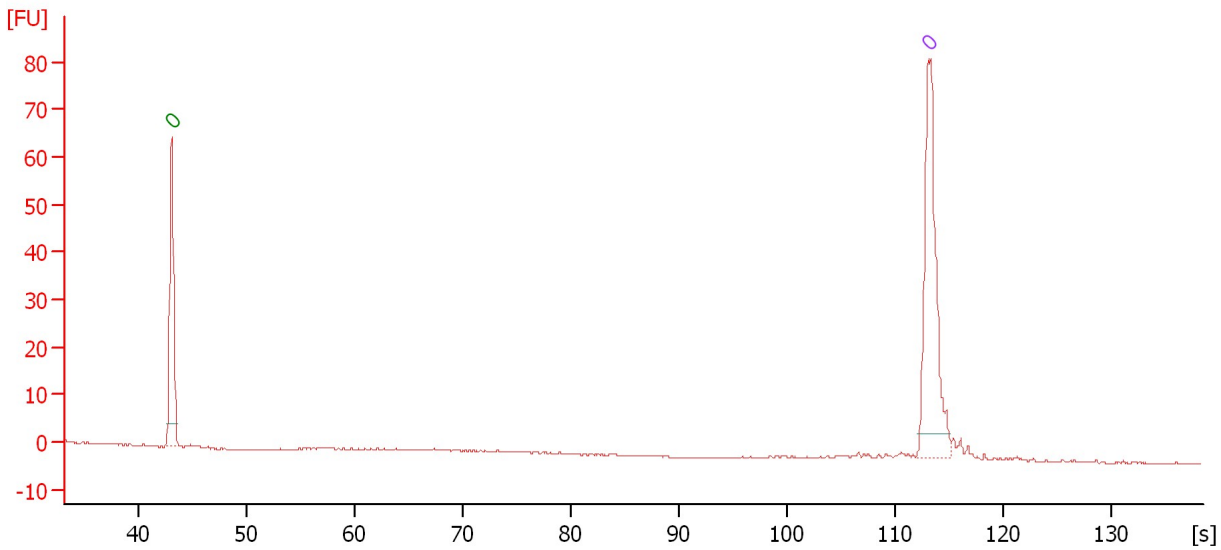
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		110.85
3	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...

sample 7



Overall Results for sample 7 : sample 7

Number of peaks found: 0 Noise: 0.1

Peak table for sample 7 : sample 7

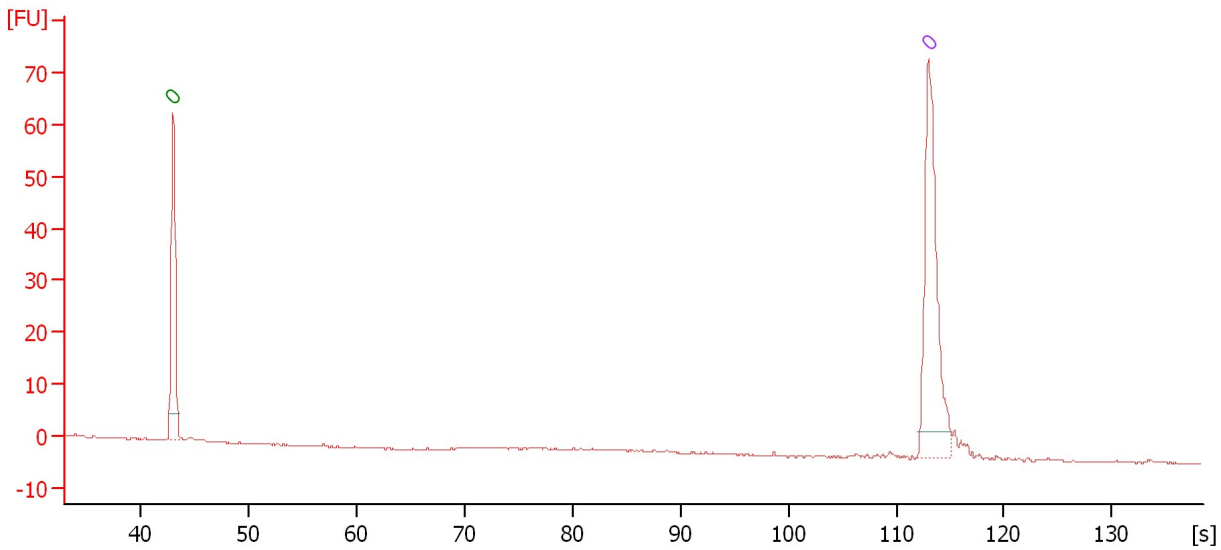
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...

sample 8



Overall Results for sample 8 : sample 8

Number of peaks found: 0 Noise: 0.1

Peak table for sample 8 : sample 8

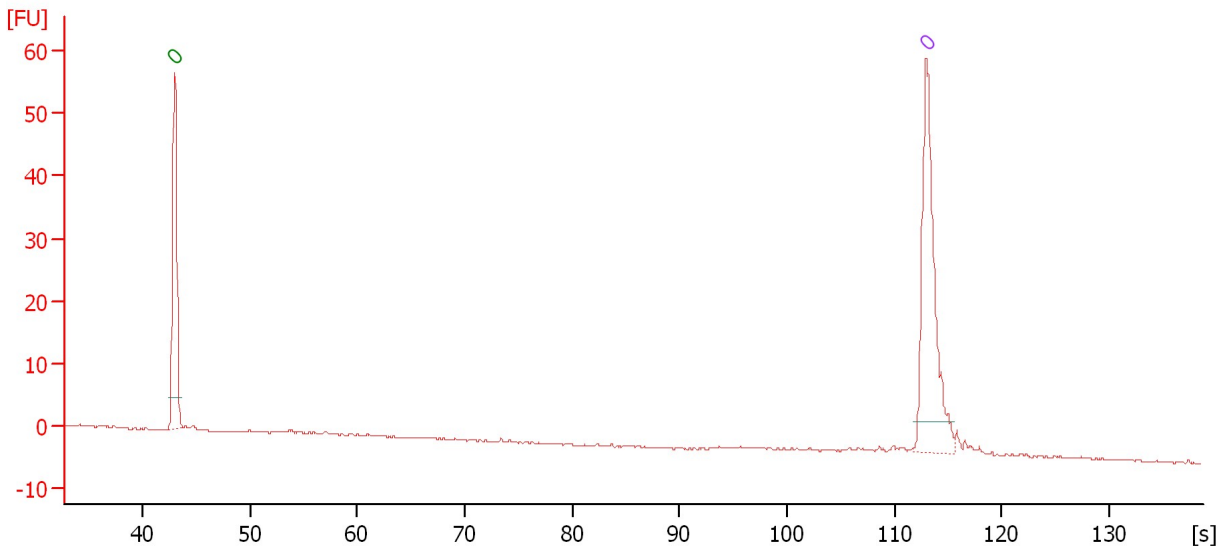
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...

sample 9



Overall Results for sample 9 : sample 9

Number of peaks found: 0 Noise: 0.1

Peak table for sample 9 : sample 9

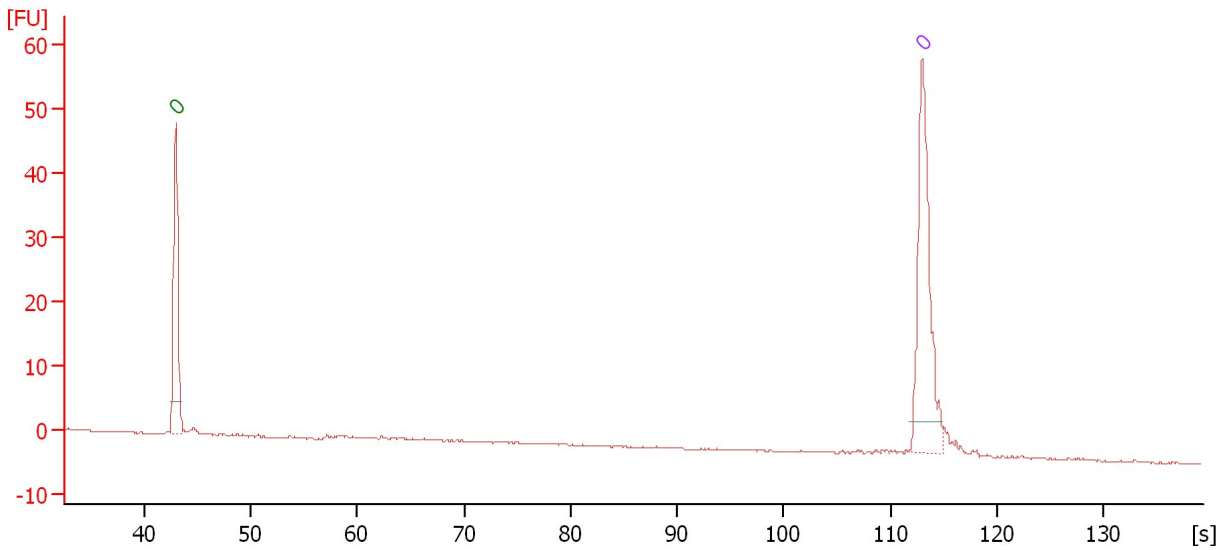
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...

sample 10



Overall Results for sample 10 : sample 10

Number of peaks found: 0 Noise: 0.1

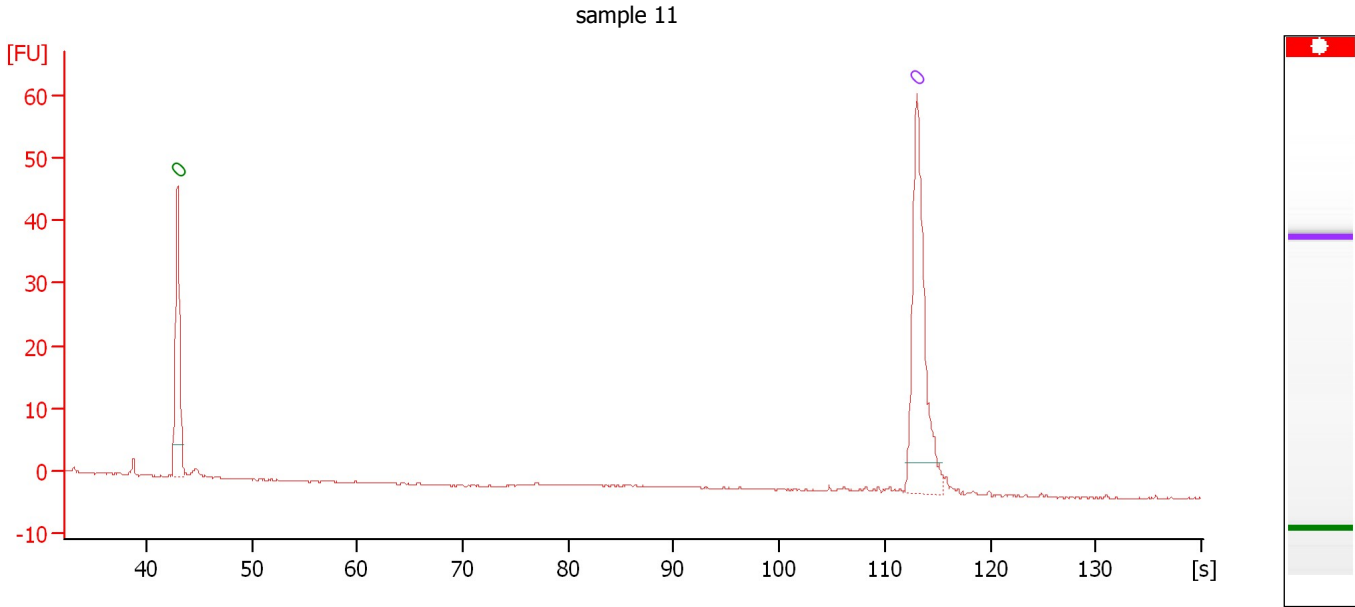
Peak table for sample 10 : sample 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 0 Noise: 0.1

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-19\2018-01-19_001.xad

Created: 1/19/2018 10:27:50 AM
Modified: 1/19/2018 11:09:08 AM

Gel Image

