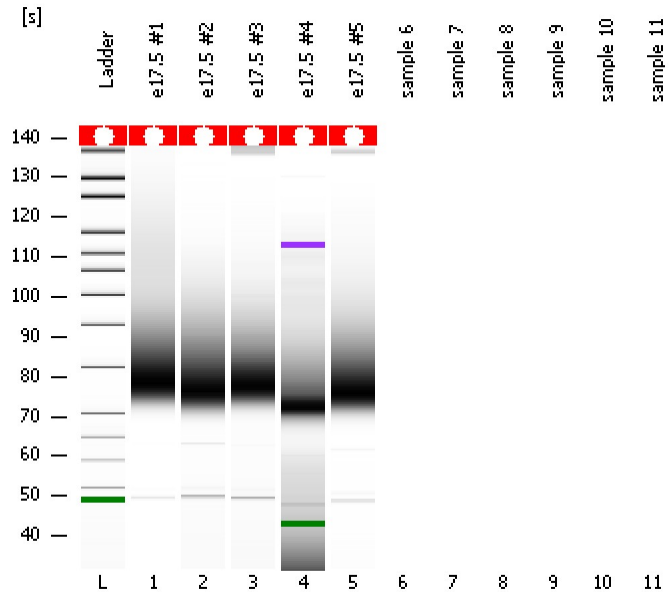


Assay Class: High Sensitivity DNA Assay
Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

Electrophoresis File Run Summary



Instrument Information:

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

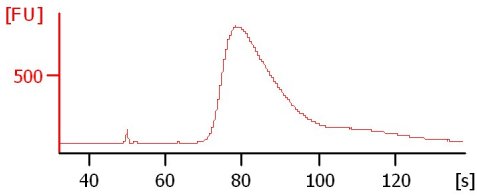
Assay Information:

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

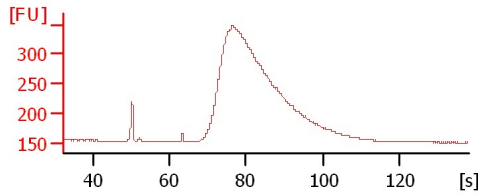
Chip Information:

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

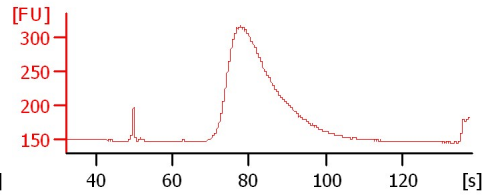
e17.5 #1



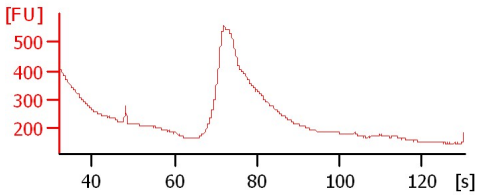
e17.5 #2



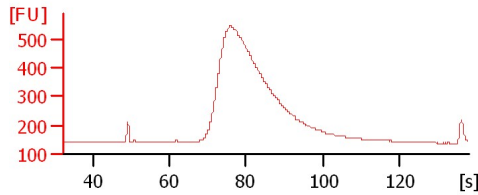
e17.5 #3



e17.5 #4



e17.5 #5



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
 Modified: 5/21/2015 12:43:24 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
e17.5 #1		<input type="checkbox"/>	✓			
e17.5 #2		<input type="checkbox"/>	✓			
e17.5 #3		<input type="checkbox"/>	✓			
e17.5 #4		<input type="checkbox"/>	✓			
e17.5 #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:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/μl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/μl] : 125
Upper Marker Concentration [pg/μl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 8
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

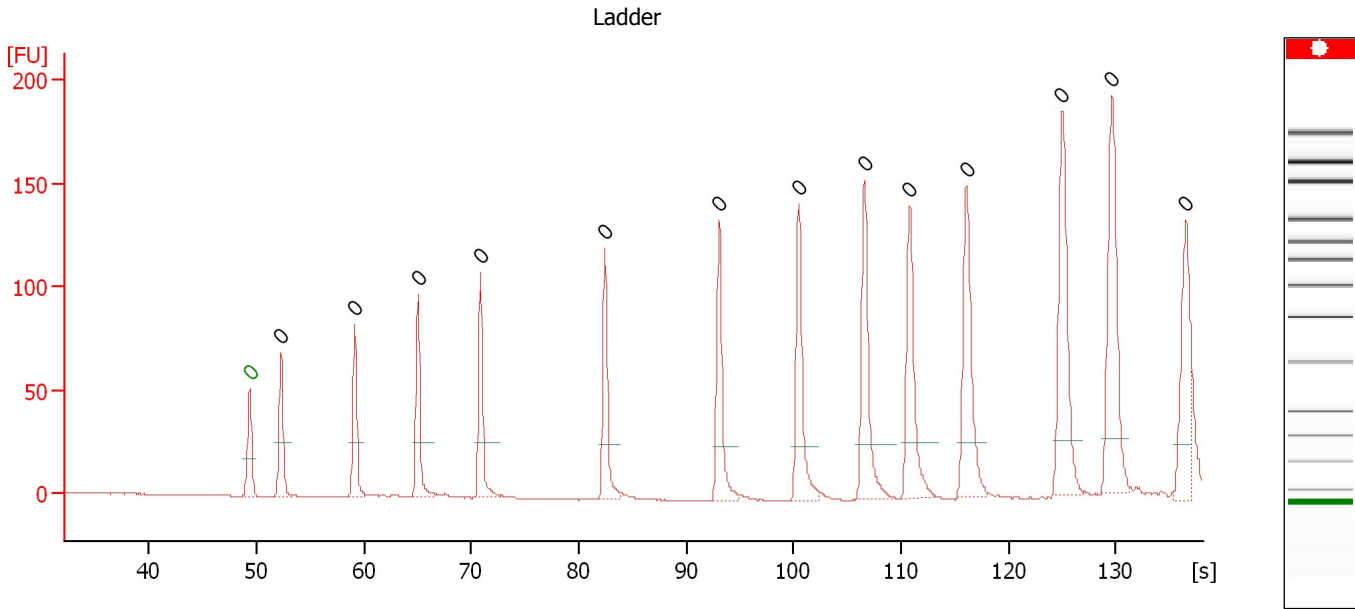
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
 Modified: 5/21/2015 12:43:24 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

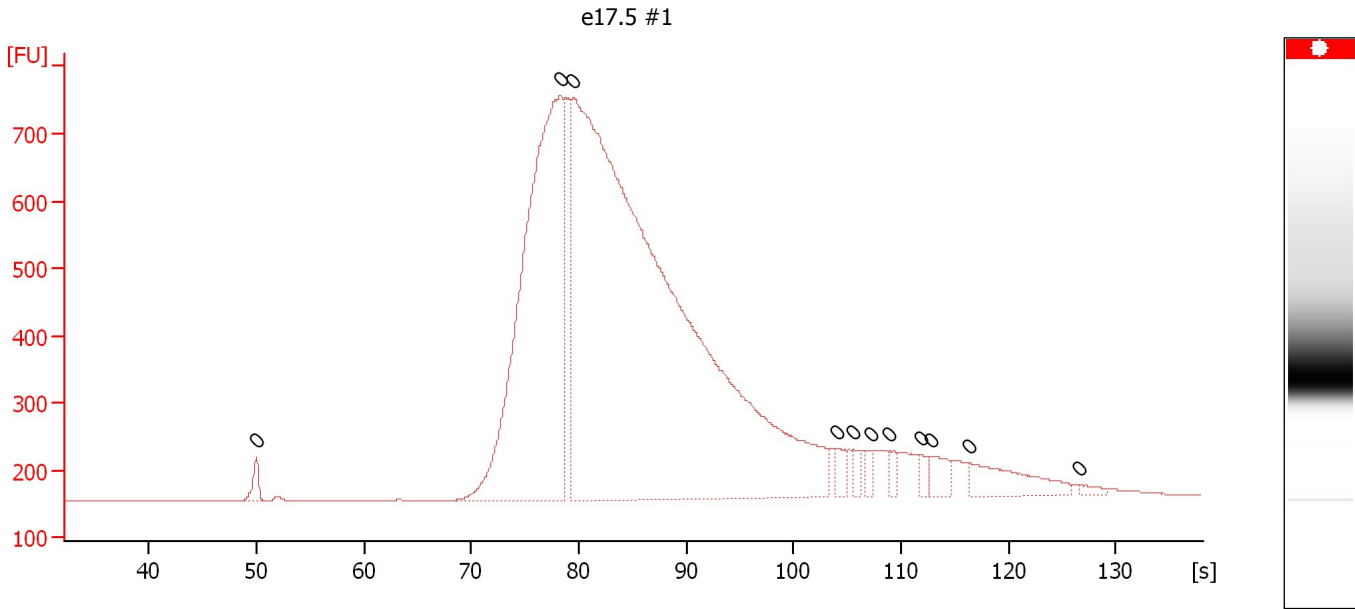
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	49.35
2	0	0.00	0.0	Ladder Peak	52.30
3	0	0.00	0.0	Ladder Peak	59.15
4	0	0.00	0.0	Ladder Peak	65.05
5	0	0.00	0.0	Ladder Peak	70.85
6	0	0.00	0.0	Ladder Peak	82.45
7	0	0.00	0.0	Ladder Peak	93.05
8	0	0.00	0.0	Ladder Peak	100.50
9	0	0.00	0.0	Ladder Peak	106.60
10	0	0.00	0.0	Ladder Peak	110.80
11	0	0.00	0.0	Ladder Peak	116.10
12	0	0.00	0.0	Ladder Peak	125.00
13	0	0.00	0.0	Ladder Peak	129.65
14	0	0.00	0.0	Ladder Peak	136.55

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
 Modified: 5/21/2015 12:43:24 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : e17.5 #1

Number of peaks found: 0 Noise: 0.2

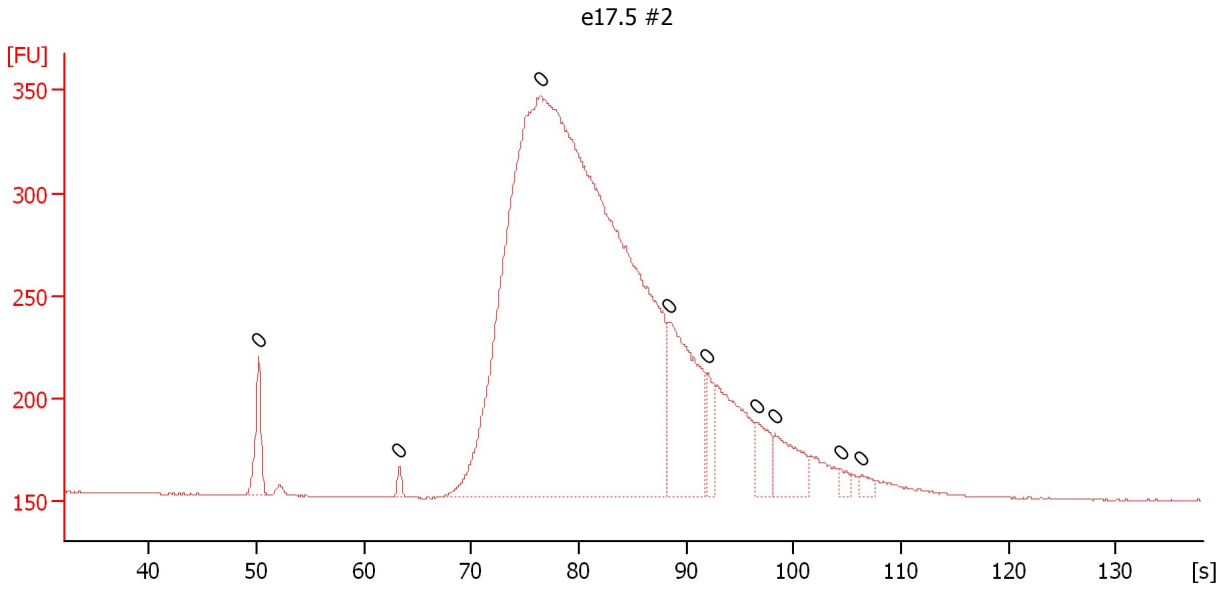
Peak table for sample 1 : e17.5 #1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		49.95
2	0	0.00	0.0		78.25
3	0	0.00	0.0		79.50
4	0	0.00	0.0		104.05
5	0	0.00	0.0		105.60
6	0	0.00	0.0		107.15
7	0	0.00	0.0		108.95
8	0	0.00	0.0		111.95
9	0	0.00	0.0		112.85
10	0	0.00	0.0		116.35
11	0	0.00	0.0		126.50

Assay Class: High Sensitivity DNA Assay
Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : e17.5 #2

Number of peaks found: 0 Noise: 0.3

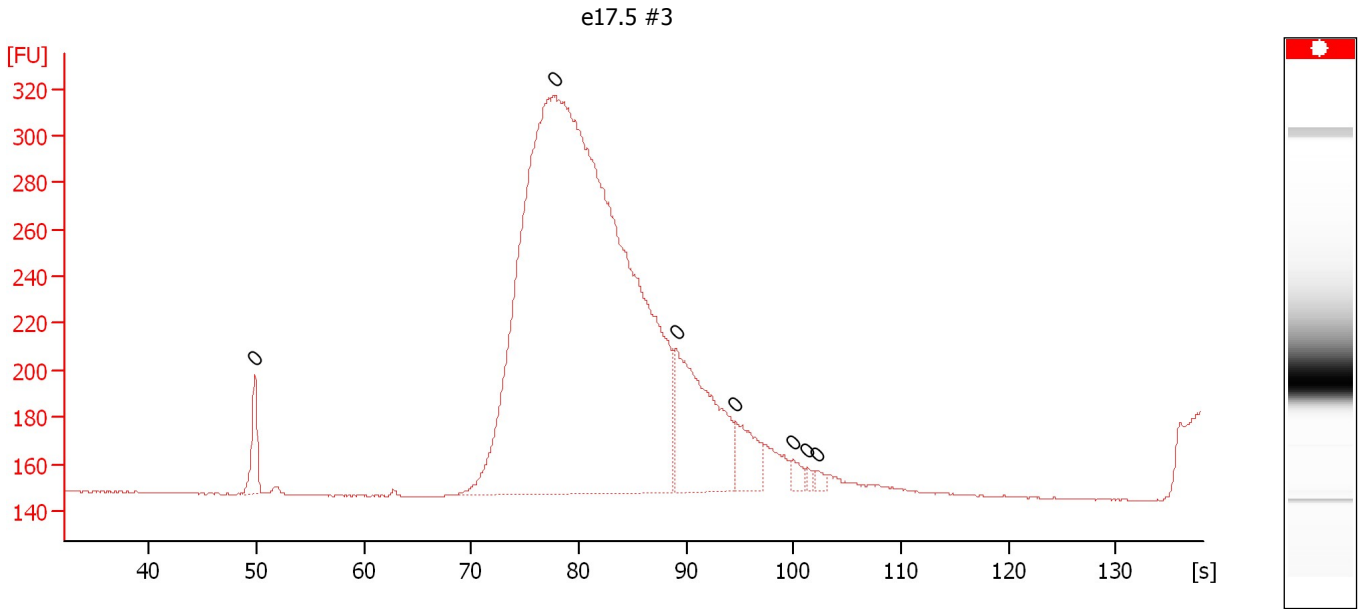
Peak table for sample 2 : e17.5 #2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		50.20
2	0	0.00	0.0		63.30
3	0	0.00	0.0		76.45
4	0	0.00	0.0		88.40
5	0	0.00	0.0		91.90
6	0	0.00	0.0		96.65
7	0	0.00	0.0		98.30
8	0	0.00	0.0		104.45
9	0	0.00	0.0		106.30

Assay Class: High Sensitivity DNA Assay
Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : e17.5 #3

Number of peaks found: 0 Noise: 0.2

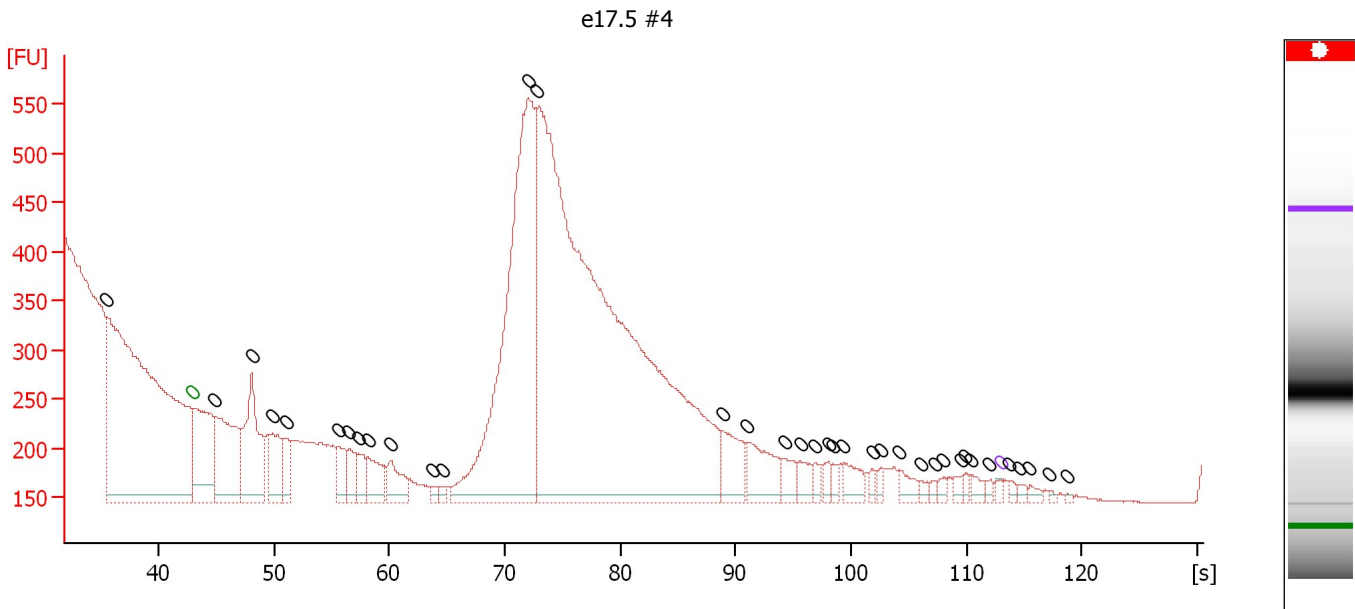
Peak table for sample 3 : e17.5 #3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		49.85
2	0	0.00	0.0		77.80
3	0	0.00	0.0		89.15
4	0	0.00	0.0		94.60
5	0	0.00	0.0		100.00
6	0	0.00	0.0		101.30
7	0	0.00	0.0		102.10

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
 Modified: 5/21/2015 12:43:24 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : e17.5 #4

Number of peaks found: 37 Noise: 0.8

Peak table for sample 4 : e17.5 #4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		35.60
2	0	0.00	0.0	Lower Marker	43.00
3	0	0.00	0.0		44.95
4	0	0.00	0.0		48.12
5	0	0.00	0.0		49.93
6	0	0.00	0.0		51.05
7	0	0.00	0.0		55.65
8	0	0.00	0.0		56.58
9	0	0.00	0.0		57.28
10	0	0.00	0.0		58.21
11	0	0.00	0.0		60.16
12	0	0.00	0.0		63.70
13	0	0.00	0.0		64.63
14	0	0.00	0.0		72.07
15	0	0.00	0.0		72.77
16	0	0.00	0.0		88.91
17	0	0.00	0.0		91.05
18	0	0.00	0.0		94.21
19	0	0.00	0.0		95.60
20	0	0.00	0.0		96.91
21	0	0.00	0.0		98.02
22	0	0.00	0.0		98.49
23	0	0.00	0.0		99.37
24	0	0.00	0.0		101.84
25	0	0.00	0.0		102.58
26	0	0.00	0.0		104.21
27	0	0.00	0.0		106.12

Assay Class: High Sensitivity DNA Assay
Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

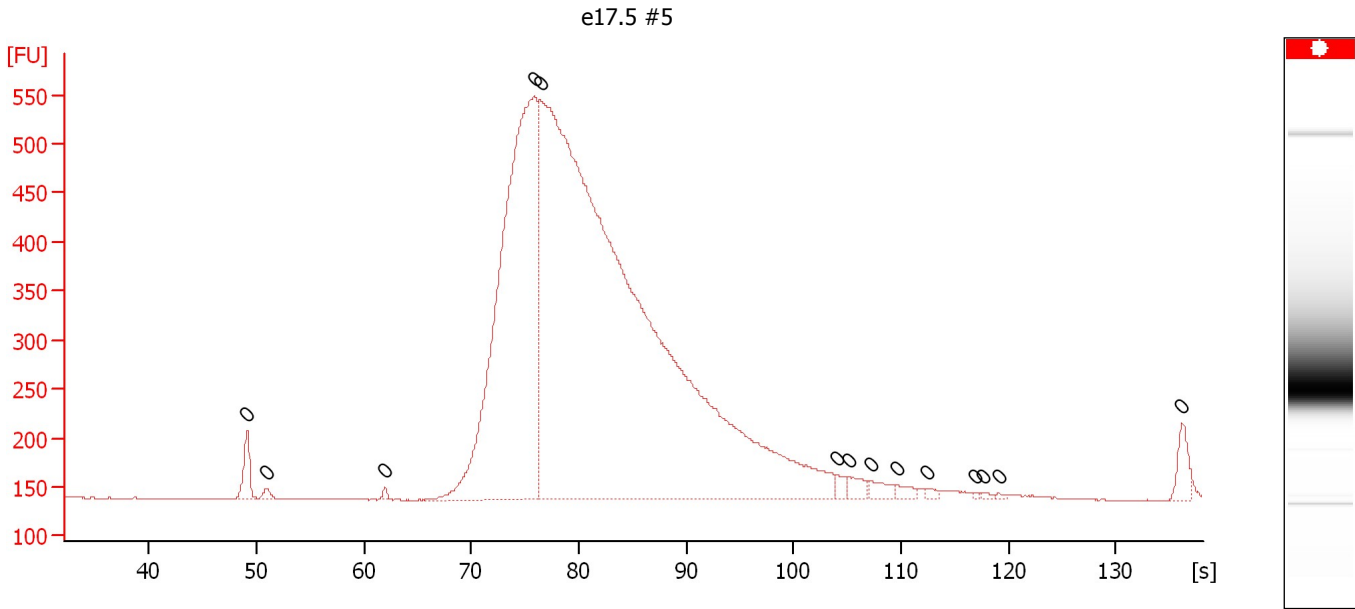
Electropherogram Summary Continued ...**... Peak table for sample 4 : e17.5 #4**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		107.28
29	0	0.00	0.0		108.07
30	0	0.00	0.0		109.47
31	0	0.00	0.0		109.93
32	0	0.00	0.0		110.44
33	0	0.00	0.0		112.02
34	0	0.00	0.0	Upper Marker	113.00
35	0	0.00	0.0		113.70
36	0	0.00	0.0		114.58
37	0	0.00	0.0		115.51
38	0	0.00	0.0		117.23
39	0	0.00	0.0		118.81

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
 Modified: 5/21/2015 12:43:24 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : e17.5 #5

Number of peaks found: 0 Noise: 0.2

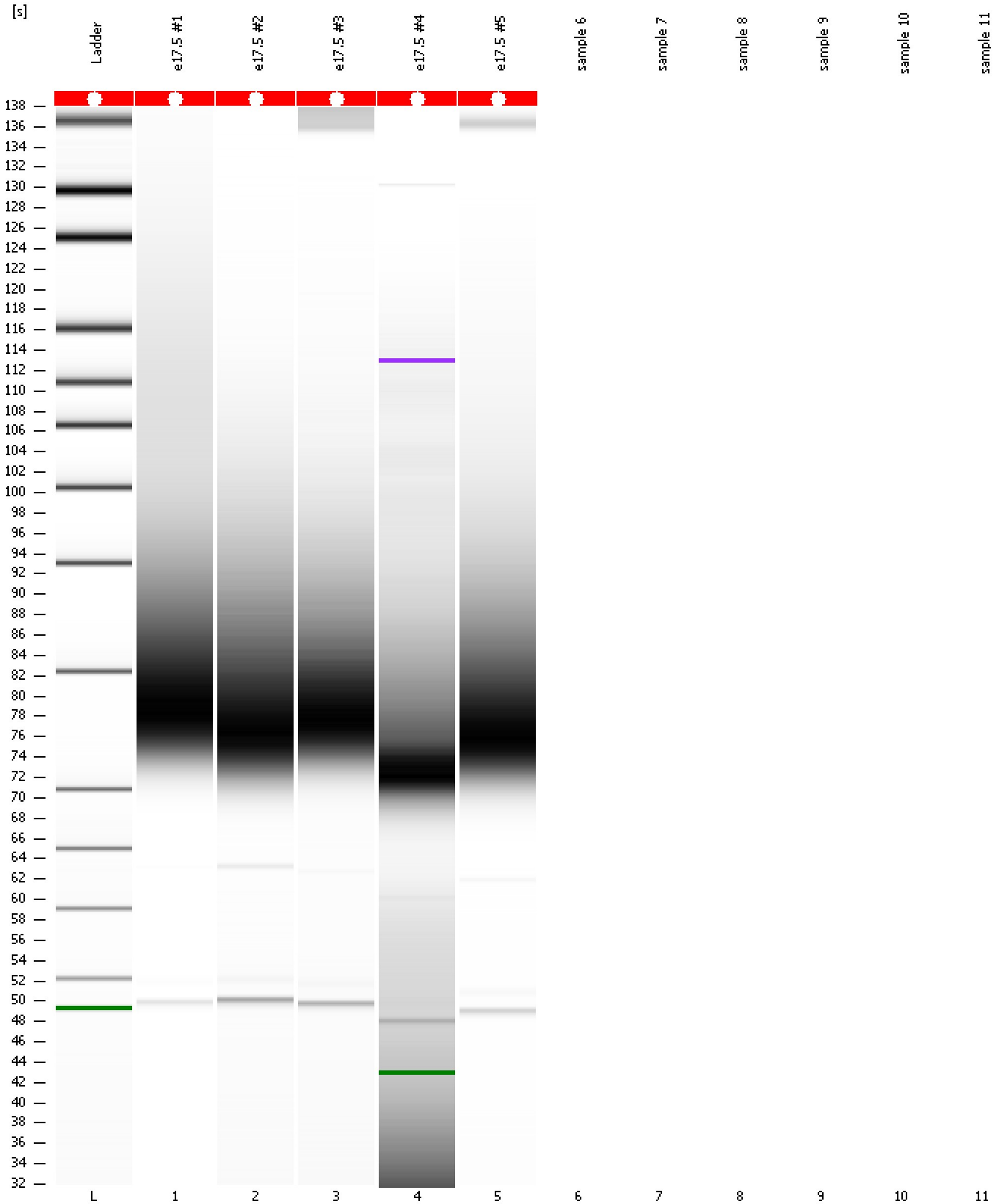
Peak table for sample 5 : e17.5 #5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		49.10
2	0	0.00	0.0		50.95
3	0	0.00	0.0		61.95
4	0	0.00	0.0		75.80
5	0	0.00	0.0		76.40
6	0	0.00	0.0		104.10
7	0	0.00	0.0		105.20
8	0	0.00	0.0		107.15
9	0	0.00	0.0		109.70
10	0	0.00	0.0		112.35
11	0	0.00	0.0		116.95
12	0	0.00	0.0		117.60
13	0	0.00	0.0		119.05
14	0	0.00	0.0		136.15

Assay Class: High Sensitivity DNA Assay
Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\Documents and Settings\Bioanalyzer\2015-05-21_001.xad

Created: 5/21/2015 12:14:36 PM
Modified: 5/21/2015 12:43:24 PM

Invalid Samples

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.