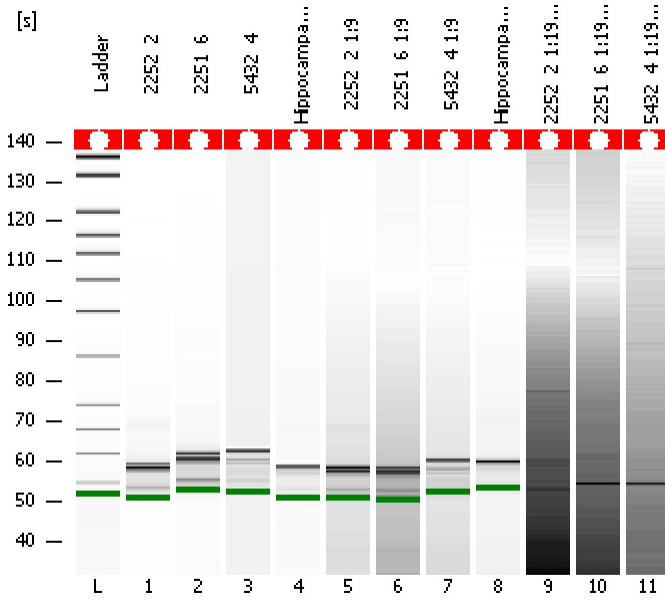


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 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

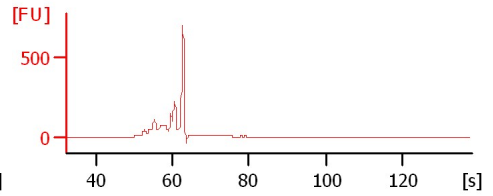
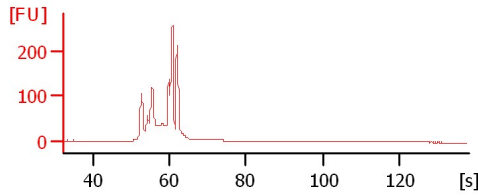
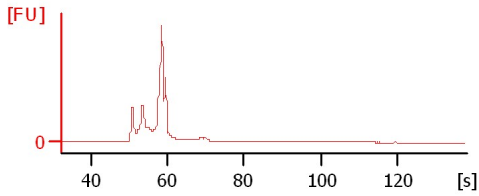
Chip Information:

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

2252_2

2251_6

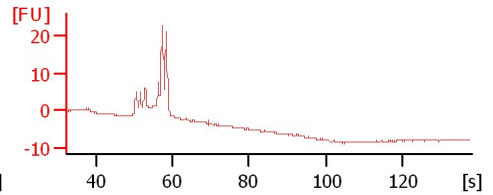
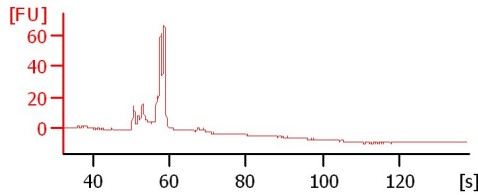
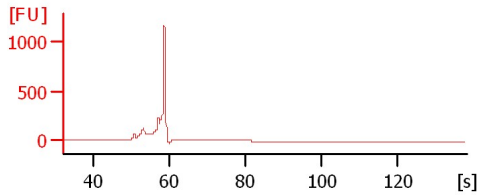
5432_4



Hippocampal Pool

2252_2 1:9

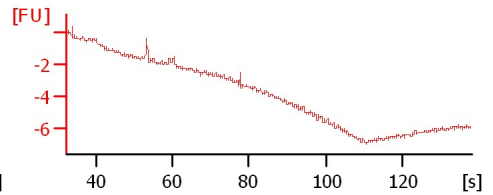
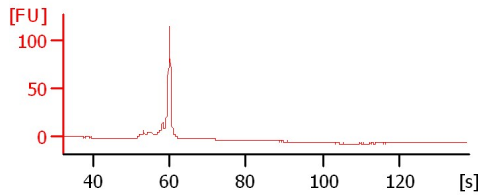
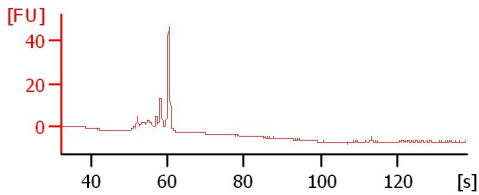
2251_6 1:9



5432_4 1:9

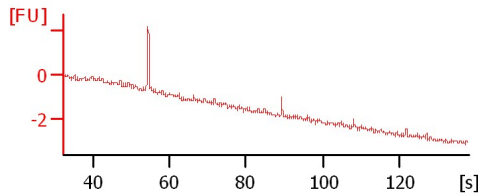
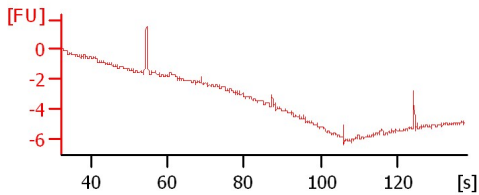
Hippocampal Pool 1:9

2252_2 1:1999



2251_6 1:1999

5432_4 1:1999



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
2252_2		<input type="checkbox"/>	✓			
2251_6		<input type="checkbox"/>	✓			
5432_4		<input type="checkbox"/>	✓			
Hippocampal Pool		<input type="checkbox"/>	✓			
2252_2 1:9		<input type="checkbox"/>	✓			
2251_6 1:9		<input type="checkbox"/>	✓			
5432_4 1:9		<input type="checkbox"/>	✓			
Hippocampal Pool 1:9		<input type="checkbox"/>	✓			
2252_2 1:1999		<input type="checkbox"/>	✓			
2251_6 1:1999		<input type="checkbox"/>	✓			
5432_4 1:1999		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

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

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

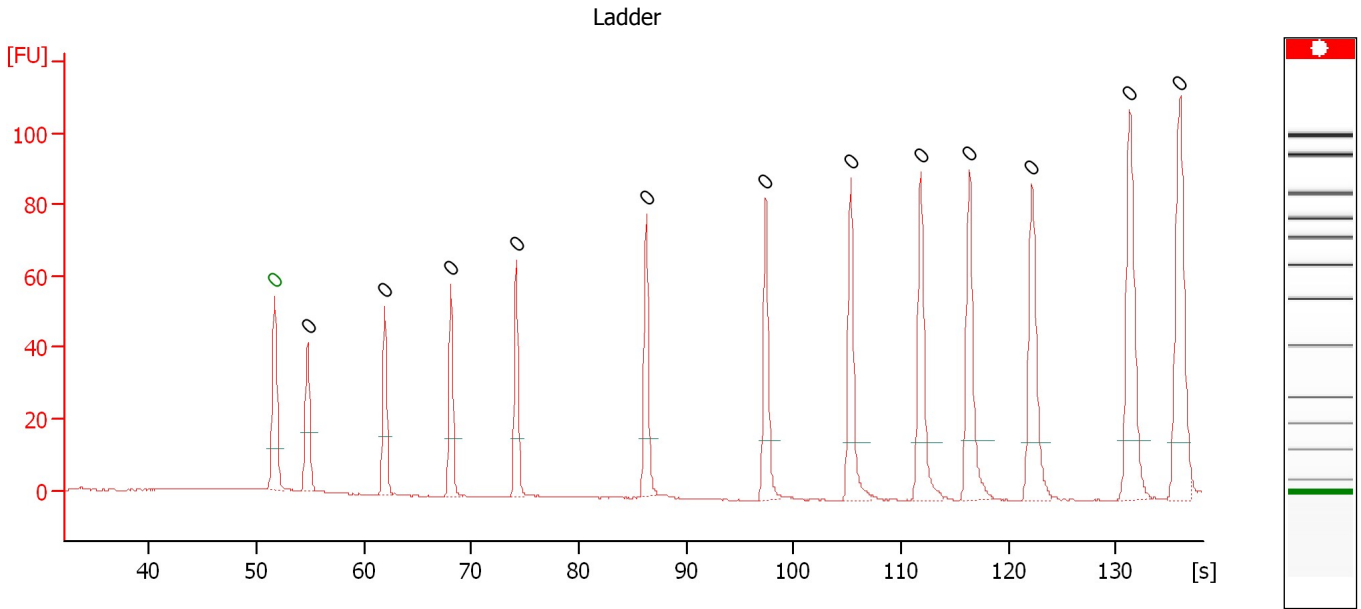
Ladder

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:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

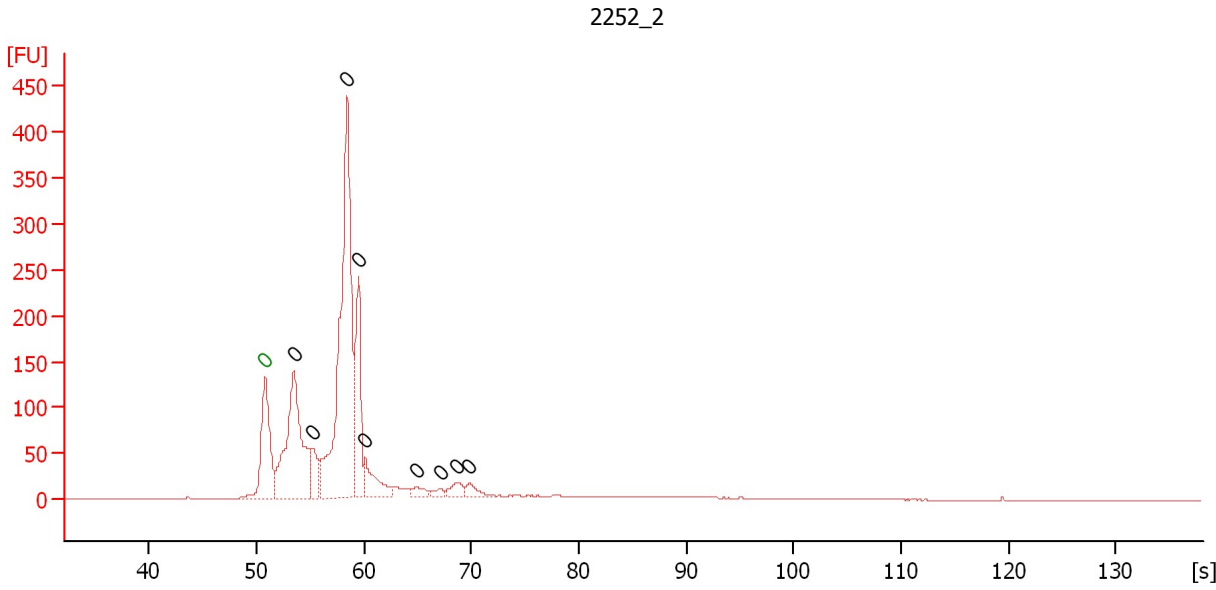
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	51.70	0	0.00	0.0	Lower Marker
2	54.75	0	0.00	0.0	Ladder Peak
3	61.95	0	0.00	0.0	Ladder Peak
4	68.10	0	0.00	0.0	Ladder Peak
5	74.20	0	0.00	0.0	Ladder Peak
6	86.30	0	0.00	0.0	Ladder Peak
7	97.40	0	0.00	0.0	Ladder Peak
8	105.30	0	0.00	0.0	Ladder Peak
9	111.85	0	0.00	0.0	Ladder Peak
10	116.35	0	0.00	0.0	Ladder Peak
11	122.15	0	0.00	0.0	Ladder Peak
12	131.25	0	0.00	0.0	Ladder Peak
13	135.95	0	0.00	0.0	Ladder Peak

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
 Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 2252_2

Number of peaks found: 9 Noise: 0.2

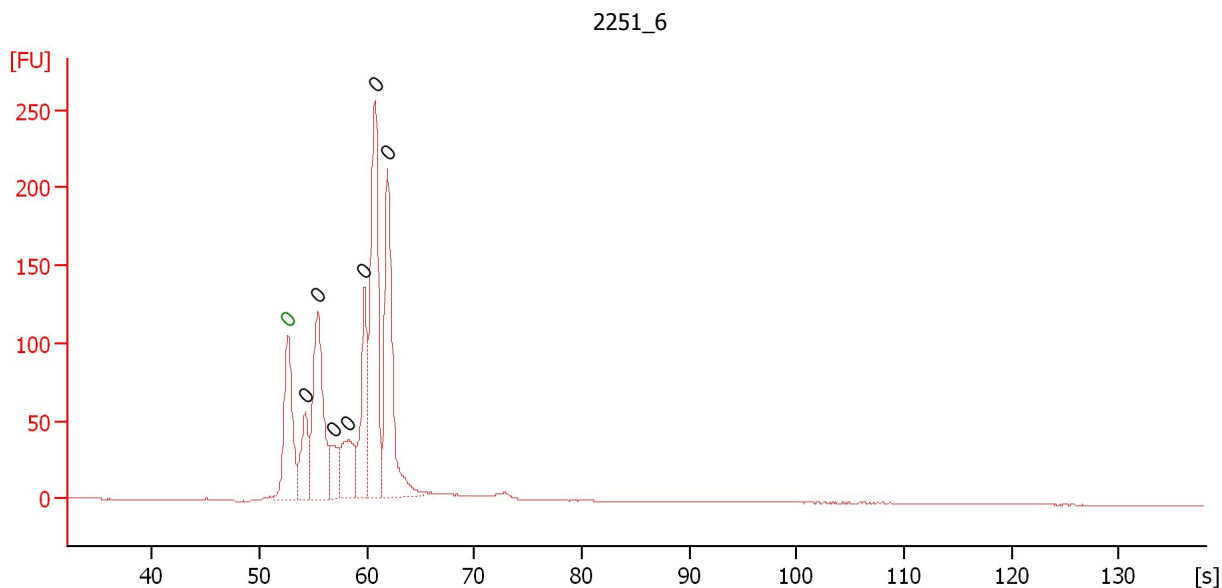
Peak table for sample 1 : 2252_2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	50.80	0	0.00	0.0	Lower Marker
2	53.45	0	0.00	0.0	
3	55.25	0	0.00	0.0	
4	58.45	0	0.00	0.0	
5	59.50	0	0.00	0.0	
6	60.10	0	0.00	0.0	
7	64.85	0	0.00	0.0	
8	67.20	0	0.00	0.0	
9	68.70	0	0.00	0.0	
10	69.80	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

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 Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 2251_6

Number of peaks found: 7 Noise: 0.2

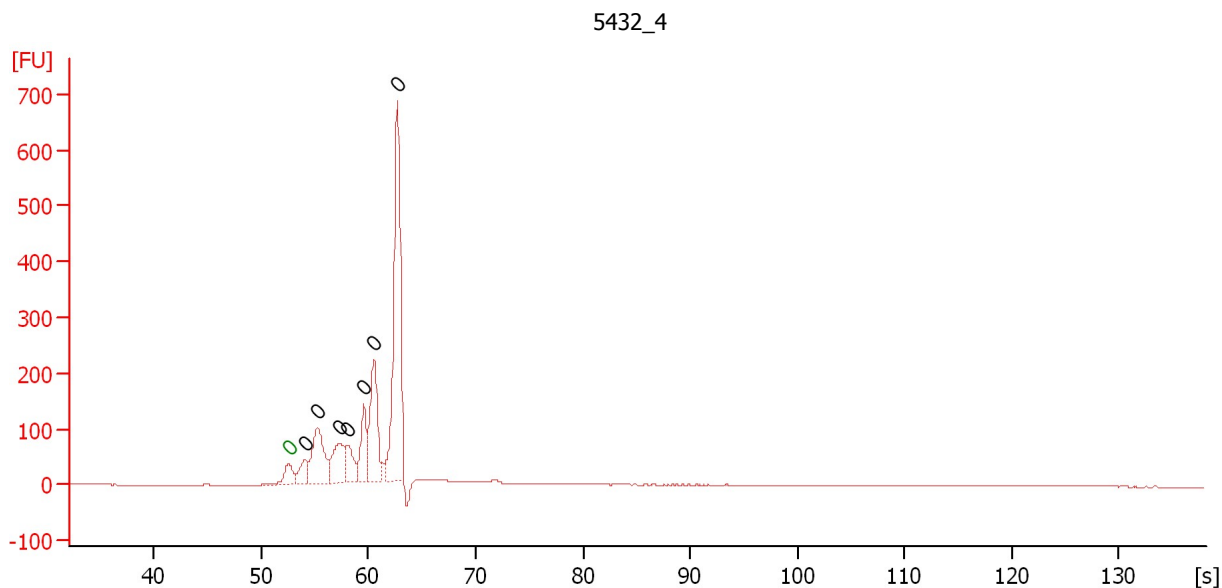
Peak table for sample 2 : 2251_6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	52.65	0	0.00	0.0	Lower Marker
2	54.25	0	0.00	0.0	
3	55.40	0	0.00	0.0	
4	56.80	0	0.00	0.0	
5	58.25	0	0.00	0.0	
6	59.75	0	0.00	0.0	
7	60.75	0	0.00	0.0	
8	61.90	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
 Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 5432_4

Number of peaks found: 7 Noise: 0.2

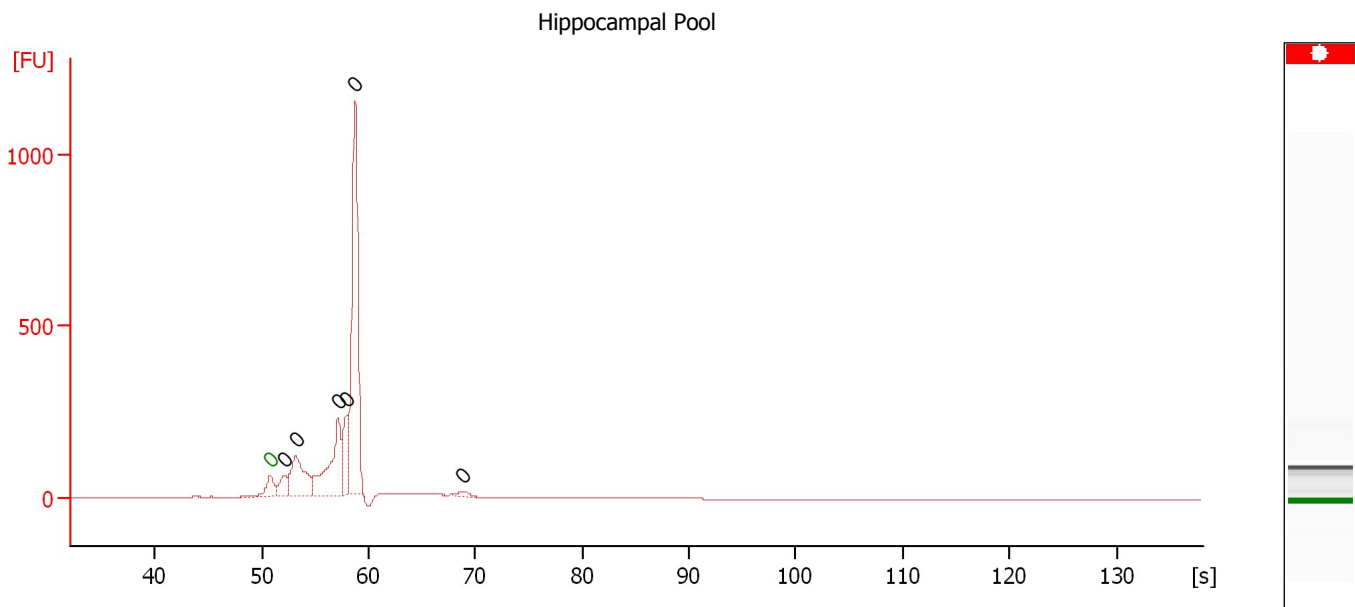
Peak table for sample 3 : 5432_4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	52.55	0	0.00	0.0	Lower Marker
2	54.05	0	0.00	0.0	
3	55.25	0	0.00	0.0	
4	57.35	0	0.00	0.0	
5	58.10	0	0.00	0.0	
6	59.55	0	0.00	0.0	
7	60.55	0	0.00	0.0	
8	62.70	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
 Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Hippocampal Pool

Number of peaks found: 6 Noise: 0.1

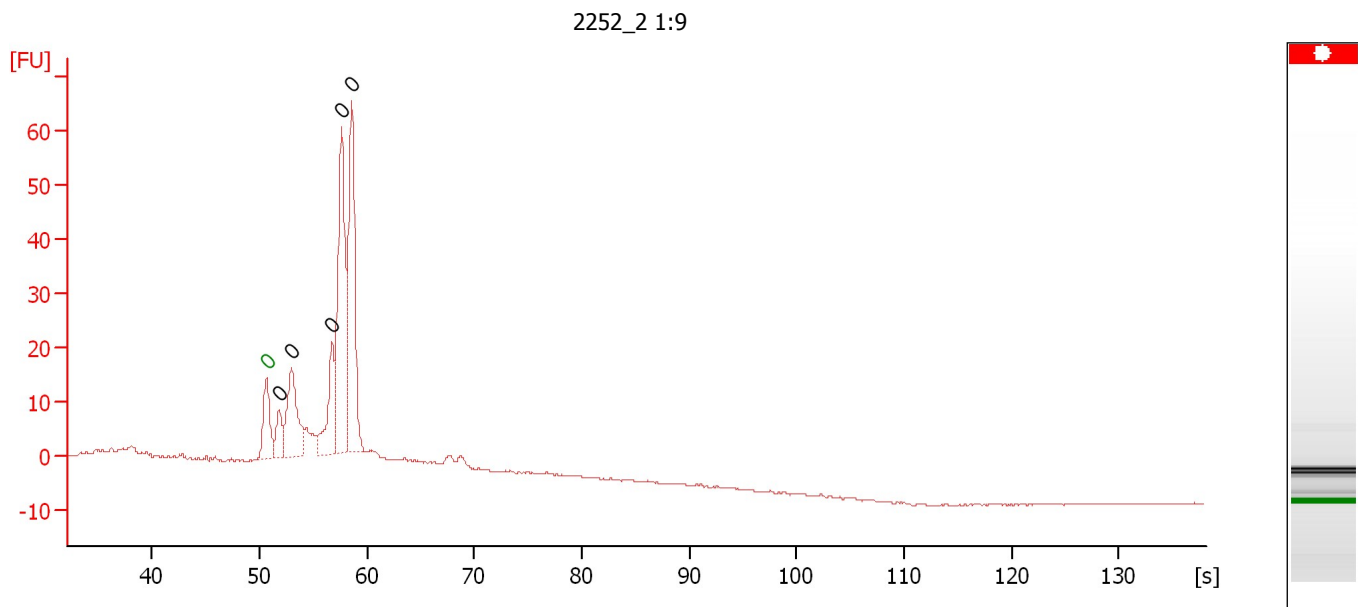
Peak table for sample 4 : Hippocampal Pool

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [$\mu\text{g}/\mu\text{l}$]	Molarity [pmol/l]	Observations
1	50.80	0	0.00	0.0	Lower Marker
2	52.15	0	0.00	0.0	
3	53.20	0	0.00	0.0	
4	57.15	0	0.00	0.0	
5	57.95	0	0.00	0.0	
6	58.75	0	0.00	0.0	
7	68.80	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : 2252_2_1:9

Number of peaks found: 5 Noise: 0.1

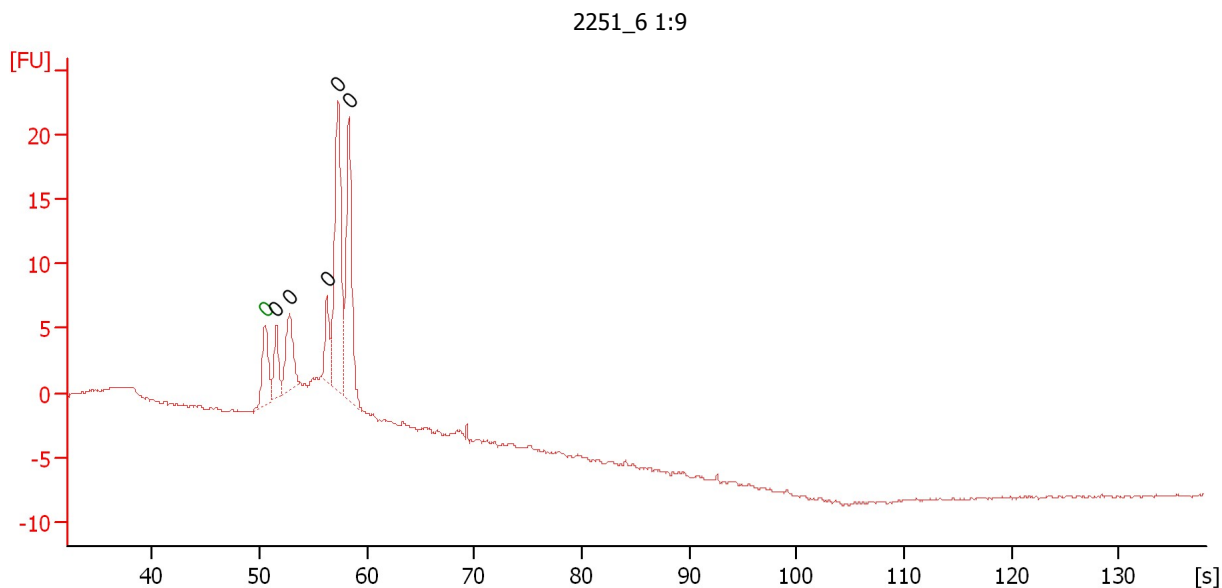
Peak table for sample 5 : 2252_2_1:9

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	50.65	0	0.00	0.0	Lower Marker
2	51.80	0	0.00	0.0	
3	52.95	0	0.00	0.0	
4	56.75	0	0.00	0.0	
5	57.65	0	0.00	0.0	
6	58.60	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
 Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 2251_6 1:9

Number of peaks found: 5 Noise: 0.1

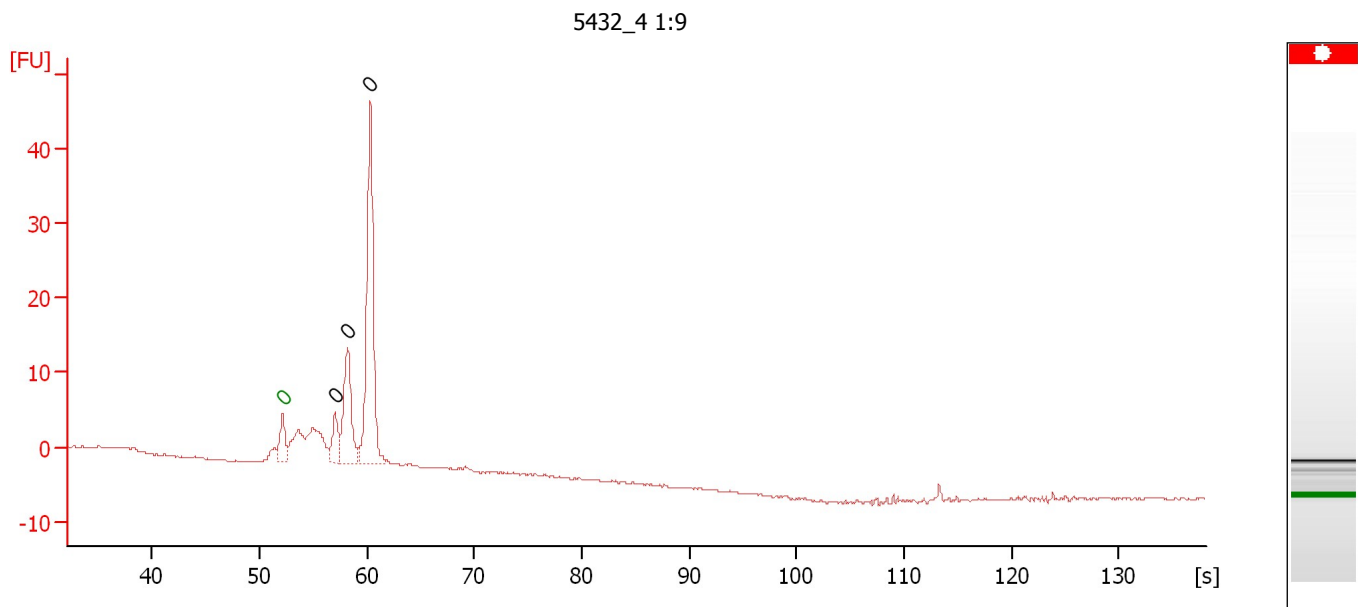
Peak table for sample 6 : 2251_6 1:9

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	50.50	0	0.00	0.0	Lower Marker
2	51.55	0	0.00	0.0	
3	52.80	0	0.00	0.0	
4	56.25	0	0.00	0.0	
5	57.30	0	0.00	0.0	
6	58.30	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
 Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 5432_4_1:9

Number of peaks found: 3 Noise: 0.1

Peak table for sample 7 : 5432_4_1:9

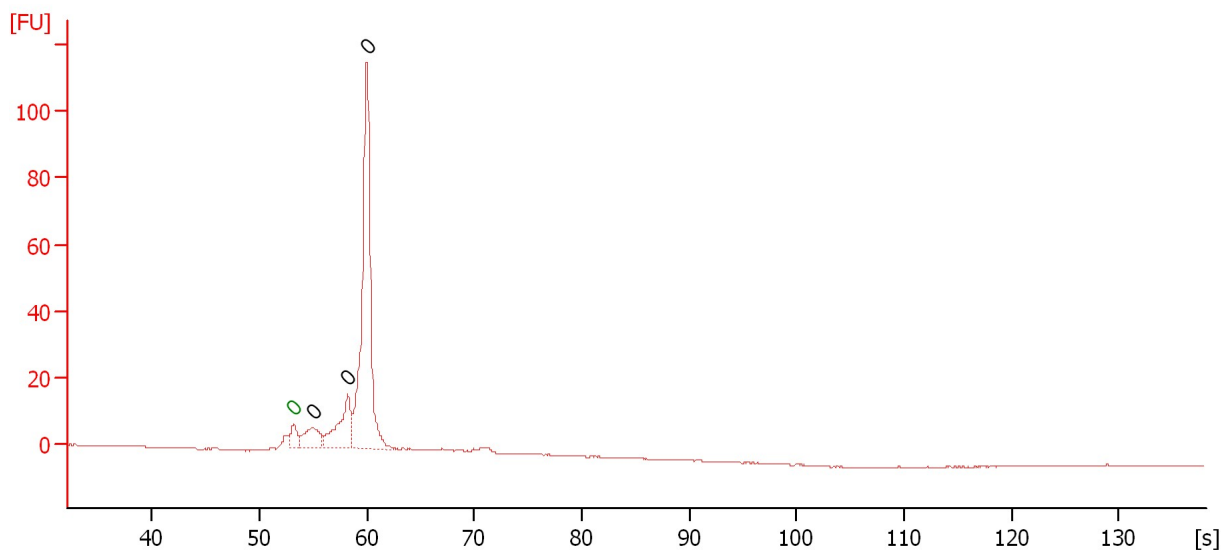
Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	52.15	0	0.00	0.0	Lower Marker
2	57.05	0	0.00	0.0	
3	58.20	0	0.00	0.0	
4	60.30	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...

Hippocampal Pool 1:9

**Overall Results for sample 8 : Hippocampal Pool 1:9**

Number of peaks found: 3 Noise: 0.1

Peak table for sample 8 : Hippocampal Pool 1:9

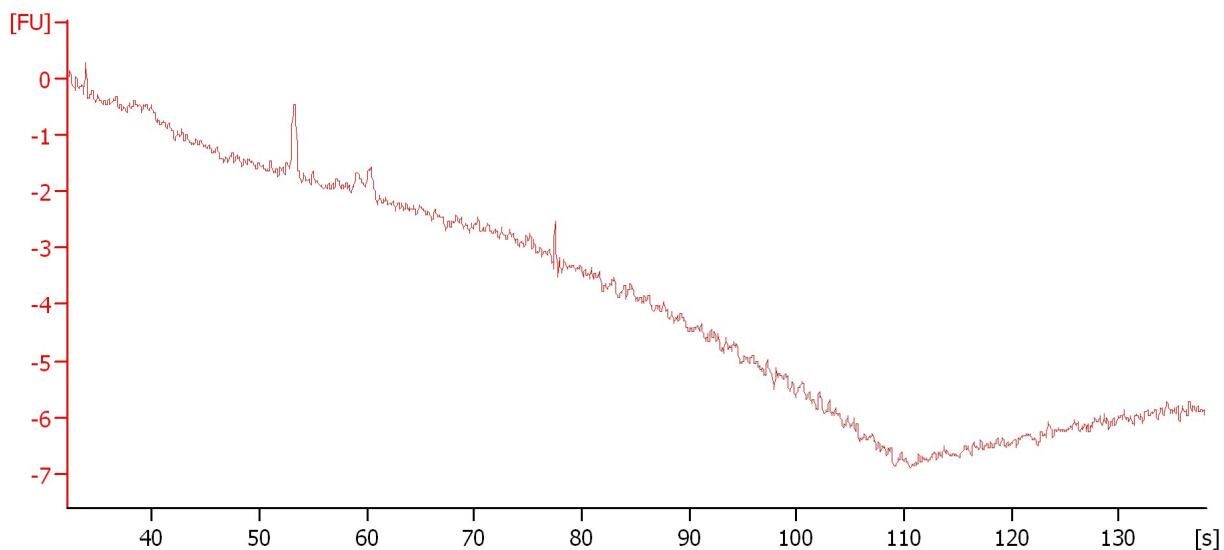
Peak	Aligned Migration Time [s]	Size [bp]	Conc. [$\mu\text{g}/\mu\text{l}$]	Molarity [pmol/l]	Observations
1	53.15	0	0.00	0.0	Lower Marker
2	54.95	0	0.00	0.0	
3	58.20	0	0.00	0.0	
4	60.00	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...

2252_2 1:1999



Overall Results for sample 9 : 2252_2 1:1999

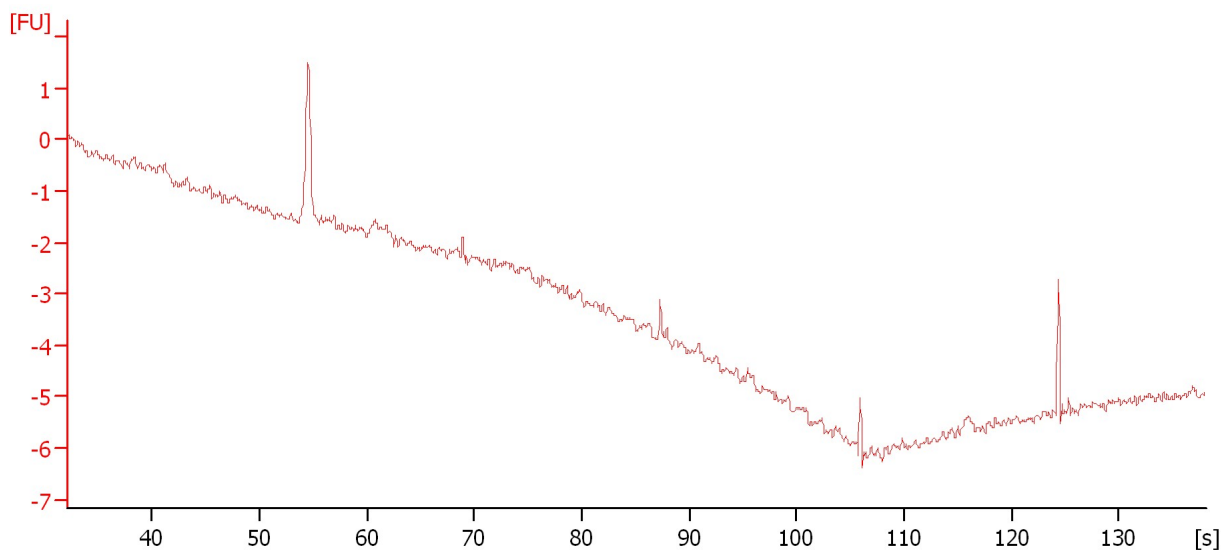
Noise: 0.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...

2251_6 1:1999



Overall Results for sample 10 : 2251_6 1:1999

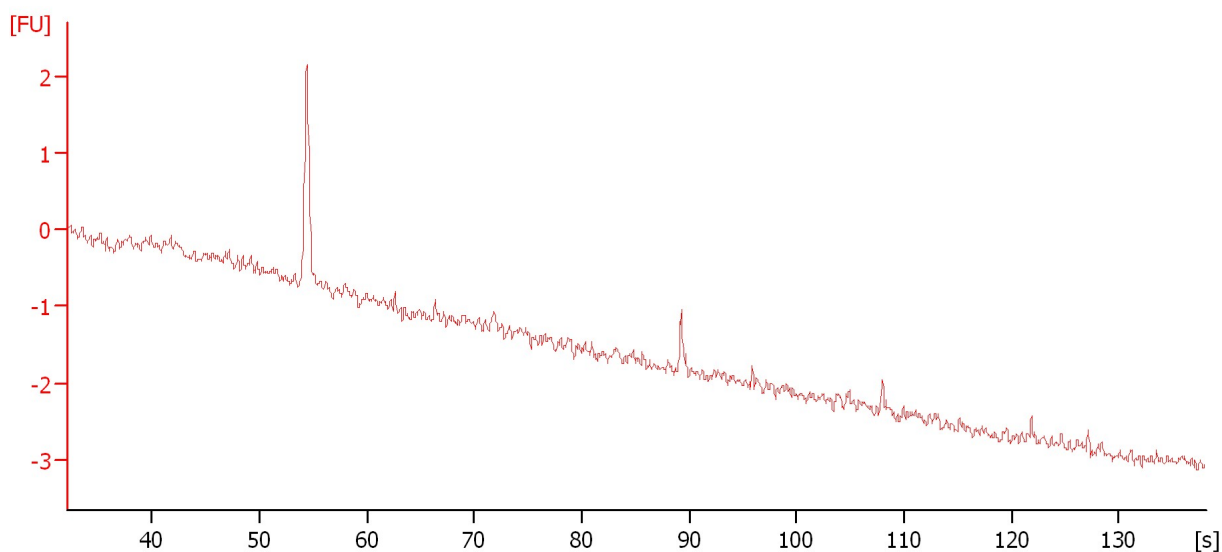
Noise: 0.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 PM

Electropherogram Summary Continued ...

5432_4 1:1999



Overall Results for sample 11 : 5432_4 1:1999

Noise: 0.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...analyzer\2013-12-09\LibraryPrepDay1check_2013-12-09_003.xad

Created: 12/9/2013 11:41:27 AM
Modified: 12/9/2013 12:24:18 PM

Gel Image

