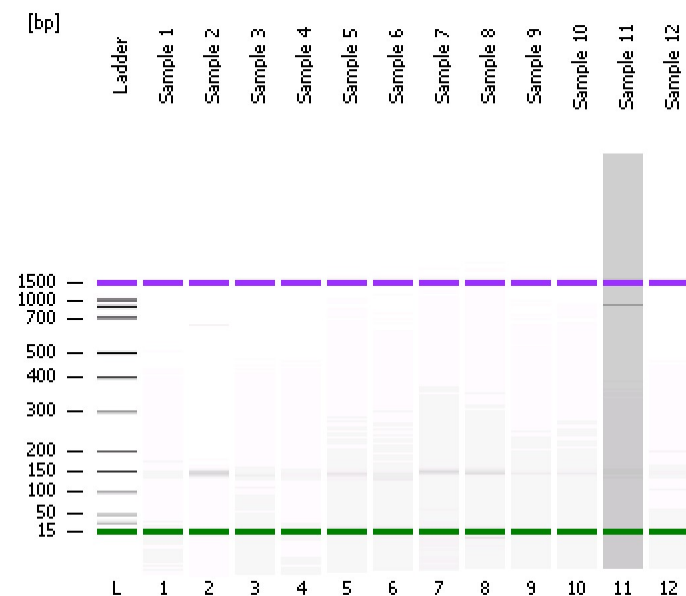Assay Class: DNA 1000
Data Path: C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad

Created: 25/08/2011 11:28:11
Modified: 25/08/2011 14:10:40

Electrophoresis File Run Summary

Instrument Information:

| Instrument Name: | DE11400907 | Firmware: | C.01.069 |
| Serial#: | DE11400907 | Type: | G2938A |

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

Title: DNA 1000 Series II

Version: 2.1

Assay Comments: © Copyright 2003-2007 Agilent Technologies
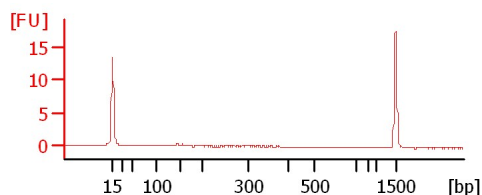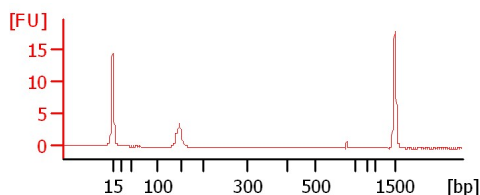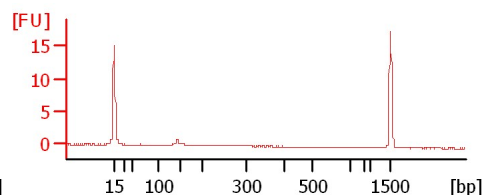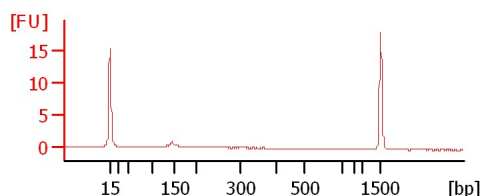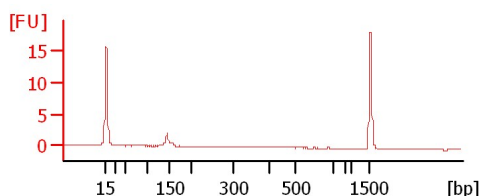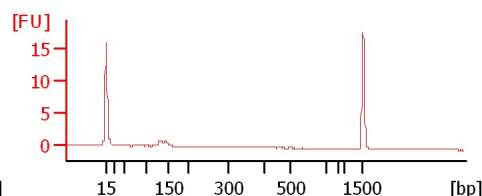
Chip Information:

Chip Lot:
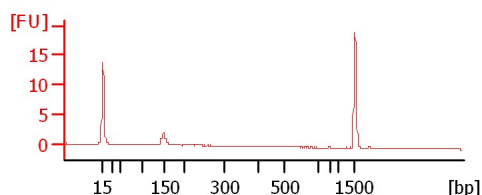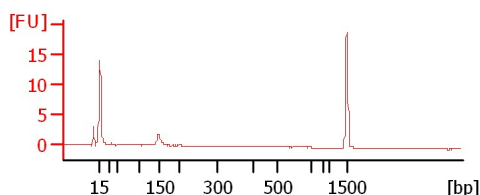
Reagent Kit Lot:

Chip Comments:
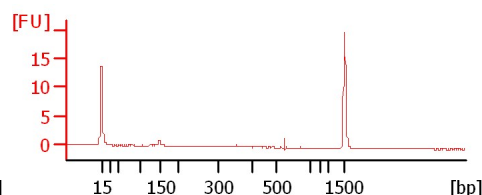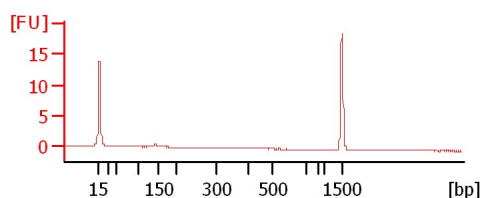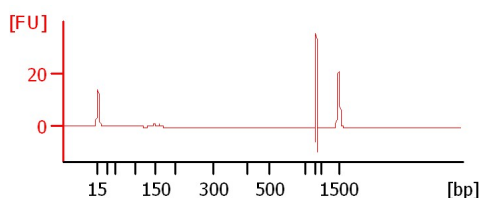
Sample 1 Sample 2 Sample 3 Sample 4 Sample 5 Sample 6 Sample 7 Sample 8 Sample 9 Sample 10 Sample 11 Sample 12
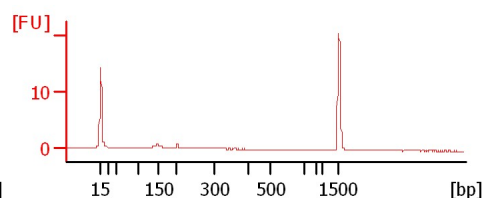
| Assay Class: | DNA 1000 | | | | Created: | 25/08/2011 11:28:11 |
| Data Path: | C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad | | | | Modified: | 25/08/2011 14:10:40 |

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Sample 1		☐	✔			
Sample 2		☐	✔			
Sample 3		☐	✔			
Sample 4		☐	✔			
Sample 5		☐	✔			
Sample 6		☐	✔			
Sample 7		☐	✔			
Sample 8		☐	✔			
Sample 9		☐	✔			
Sample 10		☐	✔			
Sample 11		☐	✔			
Sample 12		☐	✔			

Chip Lot #   **Reagent Kit Lot #**

Chip Comments :

Assay Class:	DNA 1000	Created:	25/08/2011 11:28:11
Data Path:	C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad	Modified:	25/08/2011 14:10:40

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 30
Maximum Visible Range [s] : 129
Start Analysis Time Range [s] : 30
End Analysis Time Range [s] : 128.95
Ladder Concentration [ng/µl] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/µl] : 4.2
Upper Marker Concentration [ng/µl] : 2.1
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] : 30
Integration End Time [s] : 128.95
Slope Threshold : 0.5
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

Ladder Peak	Size	Area
1	15	25
2	25	26
3	50	34
4	100	41
5	150	45
6	200	52
7	300	63
8	400	76
9	500	83
10	700	88
11	850	86
12	1000	90
13	1500	52

Assay Class:	DNA 1000		Created:	25/08/2011 11:28:11
Data Path:	C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad		Modified:	25/08/2011 14:10:40

Electropherogram Summary
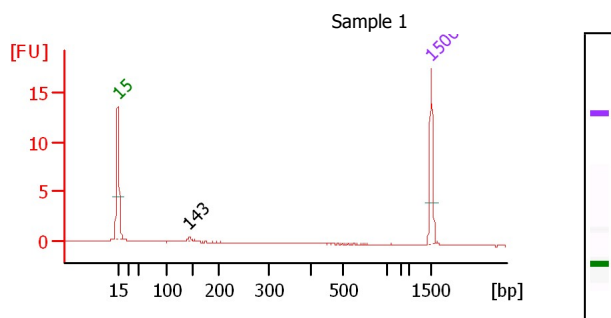
Sample 1

Overall Results for sample 1 :　　　**Sample 1**

Number of peaks found:　　　1

Peak table for sample 1 :　　　**Sample 1**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◄	15	4.20	424.2	Lower Marker
2		143	0.10	1.0	
3	▶	1,500	2.10	2.1	Upper Marker

Sample 2

Overall Results for sample 2 :　　　**Sample 2**

Number of peaks found:　　　1

Peak table for sample 2 :　　　**Sample 2**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◄	15	4.20	424.2	Lower Marker
2		147	1.46	15.0	
3	▶	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000   Created: 25/08/2011 11:28:11
Data Path: C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad   Modified: 25/08/2011 14:10:40

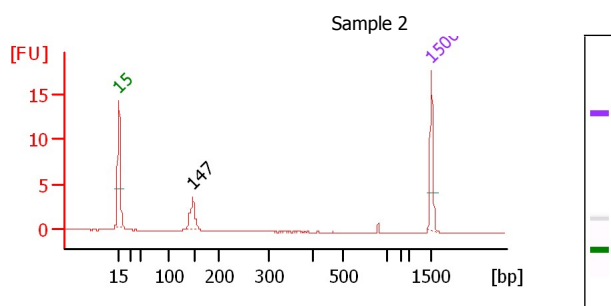**Electropherogram Summary Continued ...**
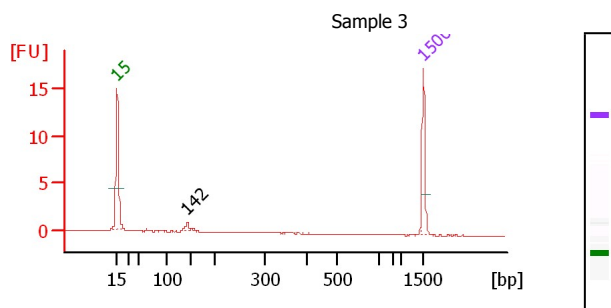
Sample 3

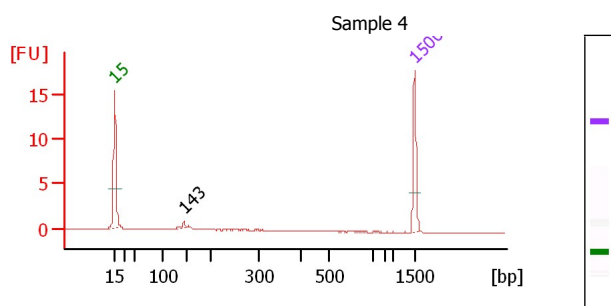**Overall Results for sample 3 :**   **Sample 3**

Number of peaks found: 1

Peak table for sample 3 :   **Sample 3**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		142	0.32	3.4	
3	▶	1,500	2.10	2.1	Upper Marker

Sample 4

Overall Results for sample 4 :   **Sample 4**

Number of peaks found: 1

Peak table for sample 4 :   **Sample 4**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		143	0.19	2.1	
3	▶	1,500	2.10	2.1	Upper Marker

Electropherogram Summary Continued ...
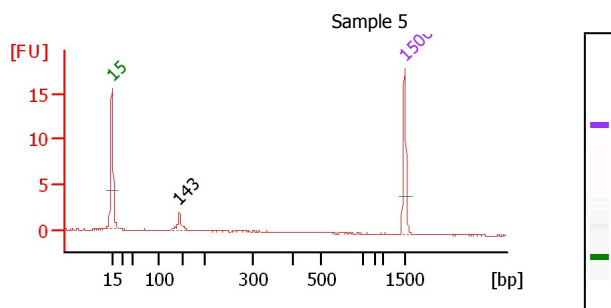
Sample 5

Overall Results for sample 5 :   **Sample 5**

Number of peaks found: 1

Peak table for sample 5 :   **Sample 5**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		143	0.63	6.6	
3	▶	1,500	2.10	2.1	Upper Marker

Sample 6

Overall Results for sample 6 :   **Sample 6**

Number of peaks found: 1

Peak table for sample 6 :   **Sample 6**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		132	0.46	5.2	
3	▶	1,500	2.10	2.1	Upper Marker

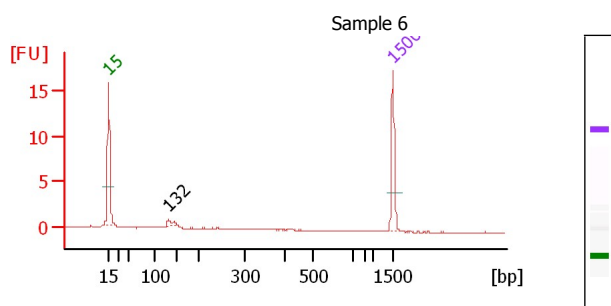| Assay Class: | DNA 1000 | | Created: | 25/08/2011 11:28:11 |
| Data Path: | C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad | | Modified: | 25/08/2011 14:10:40 |

Electropherogram Summary Continued ...
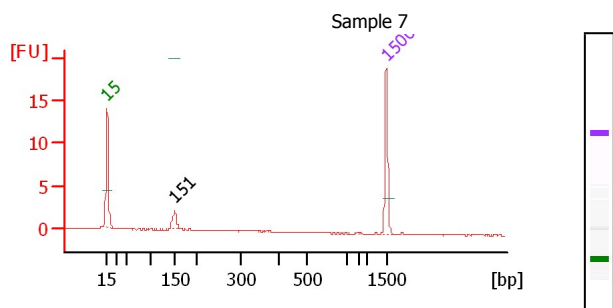
Overall Results for sample 7 :   **Sample 7**
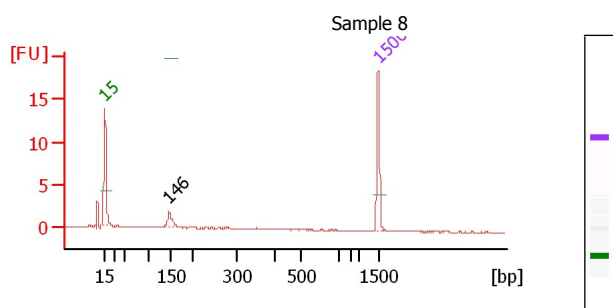
Number of peaks found: 1

Peak table for sample 7 :   **Sample 7**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		151	0.69	6.9	
3	▶	1,500	2.10	2.1	Upper Marker

Overall Results for sample 8 :   **Sample 8**

Number of peaks found: 1

Peak table for sample 8 :   **Sample 8**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		146	0.65	6.8	
3	▶	1,500	2.10	2.1	Upper Marker

Electropherogram Summary Continued ...
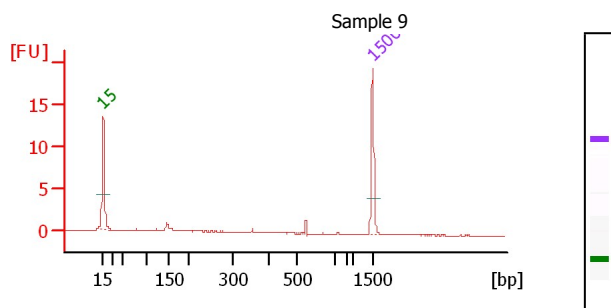
Overall Results for sample 9 :   **Sample 9**

Number of peaks found: 0

Peak table for sample 9 :   **Sample 9**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2	▶	1,500	2.10	2.1	Upper Marker
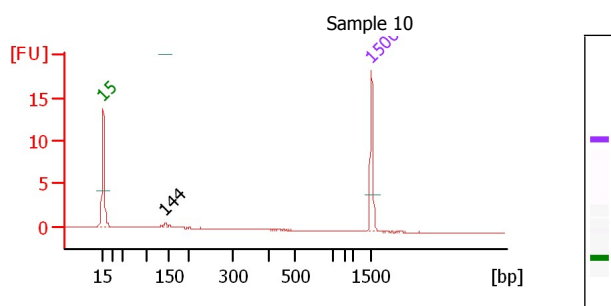
Overall Results for sample 10 :   **Sample 10**

Number of peaks found: 1

Peak table for sample 10 :   **Sample 10**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		144	0.20	2.1	
3	▶	1,500	2.10	2.1	Upper Marker

Electropherogram Summary Continued ...
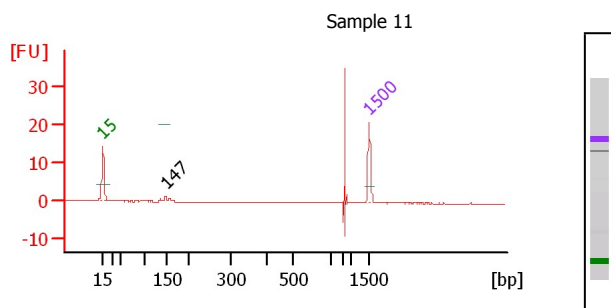
Sample 11

Overall Results for sample 11 :   **Sample 11**

Number of peaks found: 1

Peak table for sample 11 :   **Sample 11**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		147	0.32	3.3	
3	▶	1,500	2.10	2.1	Upper Marker

Sample 12

Overall Results for sample 12 :   **Sample 12**

Number of peaks found: 1

Peak table for sample 12 :   **Sample 12**

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	◀	15	4.20	424.2	Lower Marker
2		148	0.20	2.1	
3	▶	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
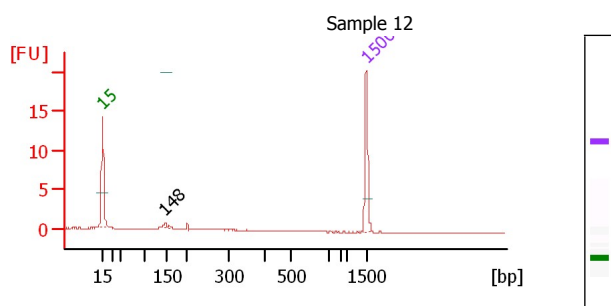Data Path: C:\...-25\2100 expert_DNA 1000_DE11400907_2011-08-25_11-28-11.xad

Created: 25/08/2011 11:28:11
Modified: 25/08/2011 14:10:40

Gel Image