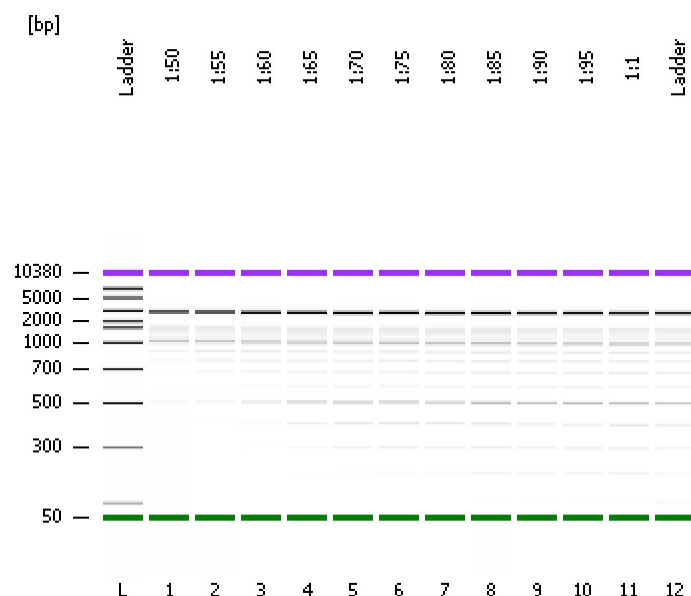


Assay Class: DNA 7500
Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
Modified: 2/2/2012 9:44:39 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 7500 Series II.xsy

Assay Class: DNA 7500

Version: 2.3

Assay Comments: DNA Analysis 100 -7500 bp

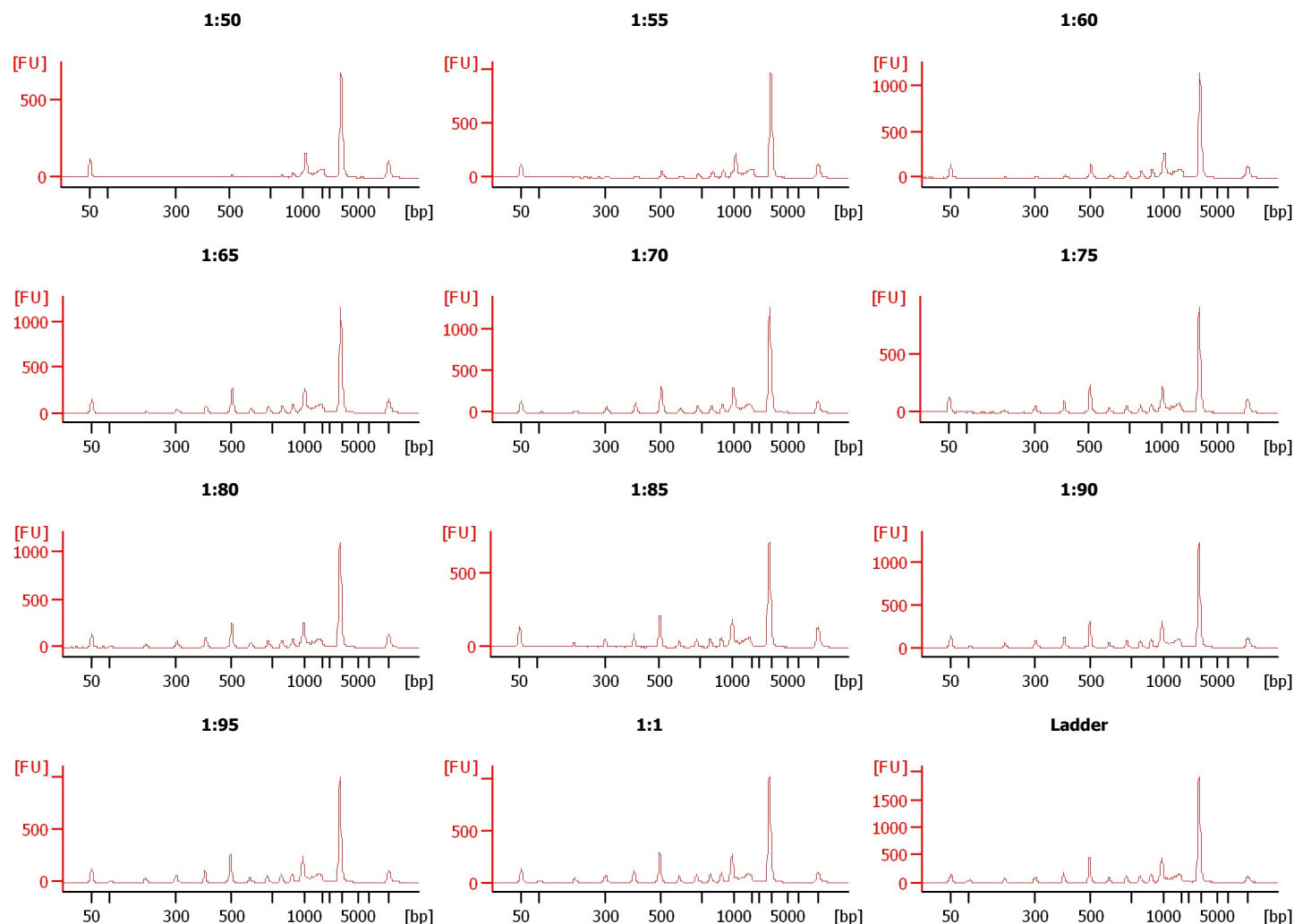
© Copyright 2003-2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 7500
Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
Modified: 2/2/2012 9:44:39 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1:50		☐	✓			
1:55		☐	✓			
1:60		☐	✓			
1:65		☐	✓			
1:70		☐	✓			
1:75		☐	✓			
1:80		☐	✓			
1:85		☐	✓			
1:90		☐	✓			
1:95		☐	✓			
1:1		☐	✓			
Ladder		☐	✓			
Ladder		☐	✓			

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

Assay Class: DNA 7500
Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
Modified: 2/2/2012 9:44:39 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 94
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 93.95
Ladder Concentration [ng/μl] : 40
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 8.3
Upper Marker Concentration [ng/μl] : 4.2
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] : 20
Integration End Time [s] : 93.95
Slope Threshold : 0.8
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

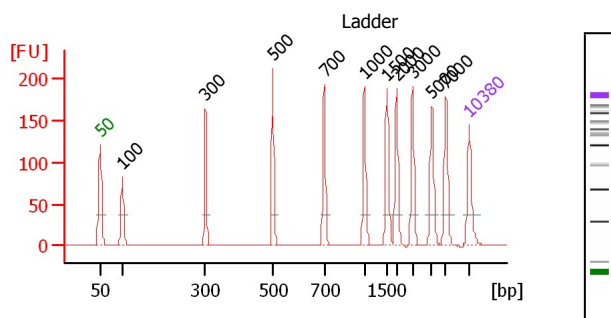
Ladder

Ladder Peak	Size	Area
1	50	120
2	100	47
3	300	63
4	500	81
5	700	85
6	1000	93
7	1500	101
8	2000	101
9	3000	106
10	5000	108
11	7000	109
12	10380	107

Assay Class: DNA 7500
 Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

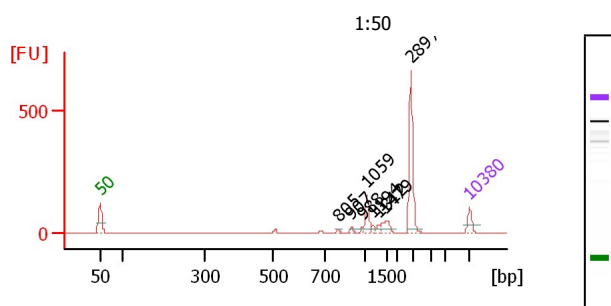
Created: 2/2/2012 9:01:35 PM
 Modified: 2/2/2012 9:44:39 PM

Electropherogram Summary



Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	100	4.00	60.6	Ladder Peak
3	300	4.00	20.2	Ladder Peak
4	500	4.00	12.1	Ladder Peak
5	700	4.00	8.7	Ladder Peak
6	1,000	4.00	6.1	Ladder Peak
7	1,500	4.00	4.0	Ladder Peak
8	2,000	4.00	3.0	Ladder Peak
9	3,000	4.00	2.0	Ladder Peak
10	5,000	4.00	1.2	Ladder Peak
11	7,000	4.00	0.9	Ladder Peak
12	10,380	4.20	0.6	Upper Marker

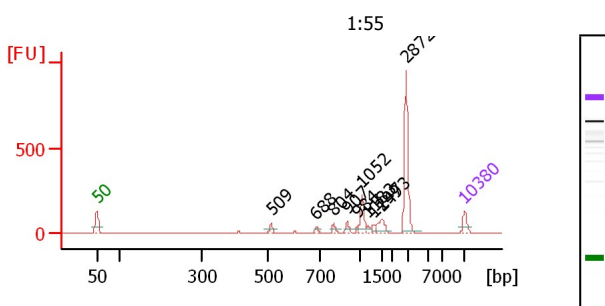


Overall Results for sample 1

Number of peaks found: 8

Peak table for sample 1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	805	0.63	1.2	
3	907	0.89	1.5	
4	988	0.64	1.0	
5	1,059	5.42	7.8	
6	1,194	0.91	1.2	
7	1,312	0.98	1.1	
8	1,479	3.95	4.0	
9	2,897	20.14	10.5	
10	10,380	4.20	0.6	Upper Marker



Overall Results for sample 2

Number of peaks found: 10

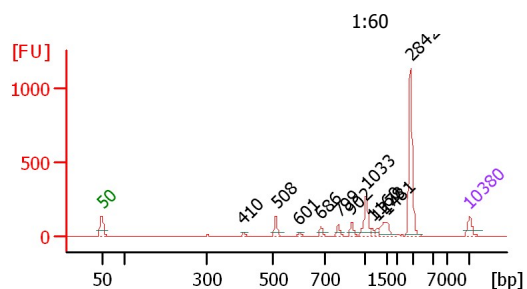
Peak table for sample 2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	509	1.54	4.6	
3	688	1.02	2.2	
4	804	1.51	2.9	
5	907	1.89	3.2	
6	984	0.80	1.2	
7	1,052	6.60	9.5	
8	1,183	1.11	1.4	
9	1,297	1.13	1.3	
10	1,493	4.76	4.8	
11	2,872	24.42	12.9	
12	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
 Modified: 2/2/2012 9:44:39 PM

Electropherogram Summary Continued ...



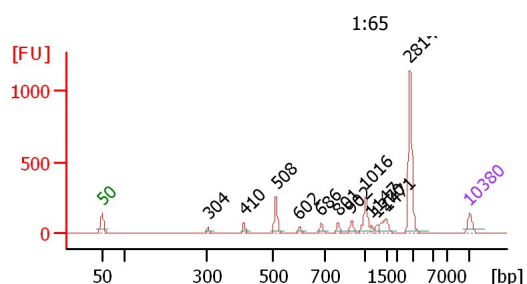
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
13	10,380	4.20	0.6	Upper Marker

Overall Results for sample 3

Number of peaks found: 11

Peak table for sample 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	410	0.61	2.2	
3	508	3.48	10.4	
4	601	0.60	1.5	
5	686	1.70	3.8	
6	799	2.03	3.8	
7	902	2.45	4.1	
8	1,033	8.48	12.4	
9	1,160	1.30	1.7	
10	1,278	1.32	1.6	
11	1,481	5.54	5.7	
12	2,842	27.34	14.6	



Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	10,380	4.20	0.6	Upper Marker

Overall Results for sample 4

Number of peaks found: 12

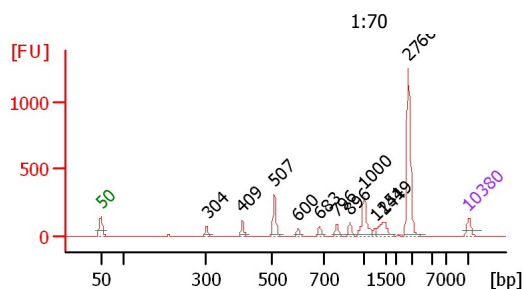
Peak table for sample 4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	304	1.15	5.7	
3	410	1.97	7.3	
4	508	6.29	18.7	
5	602	1.19	3.0	
6	686	1.75	3.9	
7	801	1.90	3.6	
8	902	2.21	3.7	
9	1,016	7.86	11.7	
10	1,147	1.09	1.4	
11	1,270	1.14	1.4	
12	1,471	5.10	5.3	
13	2,814	25.95	14.0	

Assay Class: DNA 7500
 Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
 Modified: 2/2/2012 9:44:39 PM

Electropherogram Summary Continued ...



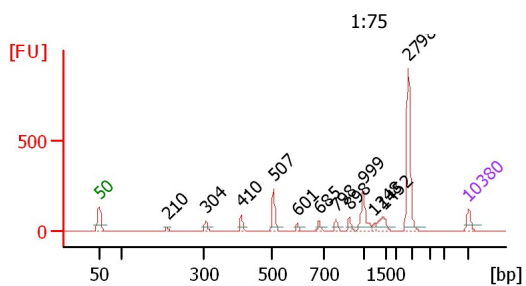
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
13	10,380	4.20	0.6	Upper Marker

Overall Results for sample 5

Number of peaks found: 11

Peak table for sample 5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	304	2.06	10.3	
3	409	2.89	10.7	
4	507	7.60	22.7	
5	600	1.39	3.5	
6	683	1.95	4.3	
7	796	2.17	4.1	
8	896	2.49	4.2	
9	1,000	10.35	15.7	
10	1,251	1.35	1.6	
11	1,449	5.96	6.2	
12	2,766	29.78	16.3	



Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	10,380	4.20	0.6	Upper Marker

Overall Results for sample 6

Number of peaks found: 12

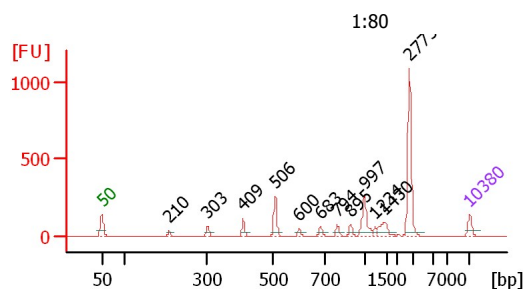
Peak table for sample 6

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	210	0.80	5.8	
3	304	2.23	11.1	
4	410	2.82	10.4	
5	507	6.94	20.7	
6	601	1.26	3.2	
7	685	1.79	4.0	
8	798	1.95	3.7	
9	898	2.26	3.8	
10	999	9.08	13.8	
11	1,248	1.23	1.5	
12	1,452	5.12	5.3	
13	2,798	25.42	13.8	

Assay Class: DNA 7500
 Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
 Modified: 2/2/2012 9:44:39 PM

Electropherogram Summary Continued ...



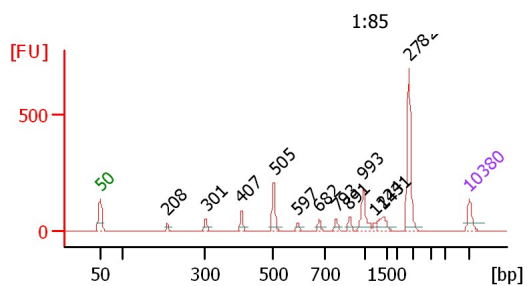
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	10,380	4.20	0.6	Upper Marker

Overall Results for sample 7

Number of peaks found: 12

Peak table for sample 7

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	210	0.95	6.8	
3	303	2.16	10.8	
4	409	2.72	10.1	
5	506	6.63	19.8	
6	600	1.21	3.1	
7	683	1.72	3.8	
8	794	1.89	3.6	
9	895	2.16	3.7	
10	997	9.21	14.0	
11	1,234	1.26	1.5	
12	1,430	5.33	5.7	
13	2,773	26.42	14.4	



Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	10,380	4.20	0.6	Upper Marker

Overall Results for sample 8

Number of peaks found: 12

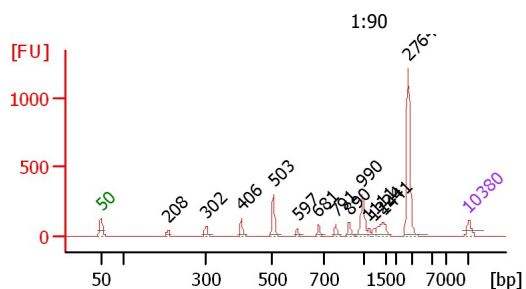
Peak table for sample 8

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	208	0.95	6.9	
3	301	1.78	8.9	
4	407	2.15	8.0	
5	505	5.23	15.7	
6	597	0.91	2.3	
7	682	1.30	2.9	
8	793	1.43	2.7	
9	891	1.64	2.8	
10	993	6.53	10.0	
11	1,224	0.91	1.1	
12	1,431	3.67	3.9	
13	2,782	17.02	9.3	

Assay Class: DNA 7500
 Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
 Modified: 2/2/2012 9:44:39 PM

Electropherogram Summary Continued ...



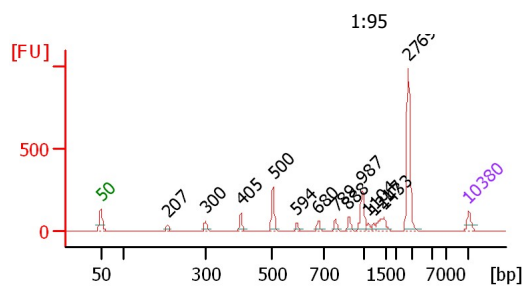
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	2,764	31.31	17.2	
15	10,380	4.20	0.6	Upper Marker

Overall Results for sample 9

Number of peaks found: 13

Peak table for sample 9

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	208	1.54	11.2	
3	302	2.67	13.4	
4	406	3.27	12.2	
5	503	8.04	24.2	
6	597	1.48	3.8	
7	681	2.07	4.6	
8	791	2.27	4.4	
9	890	2.68	4.6	
10	990	9.56	14.6	
11	1,111	1.40	1.9	
12	1,224	1.62	2.0	
13	1,441	6.03	6.3	



Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	2,769	26.14	14.3	
15	10,380	4.20	0.6	Upper Marker

Overall Results for sample 10

Number of peaks found: 13

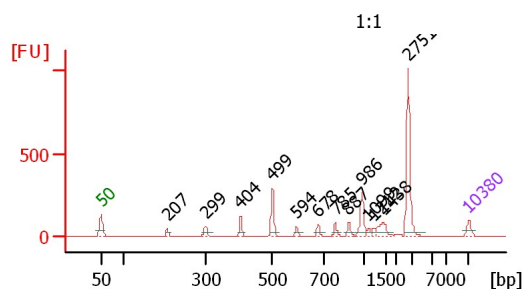
Peak table for sample 10

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	207	1.50	10.9	
3	300	2.42	12.2	
4	405	2.93	11.0	
5	500	7.14	21.6	
6	594	1.28	3.3	
7	680	1.84	4.1	
8	789	2.01	3.9	
9	888	2.30	3.9	
10	987	8.21	12.6	
11	1,104	1.23	1.7	
12	1,217	1.37	1.7	
13	1,433	5.27	5.6	

Assay Class: DNA 7500
 Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
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Electropherogram Summary Continued ...



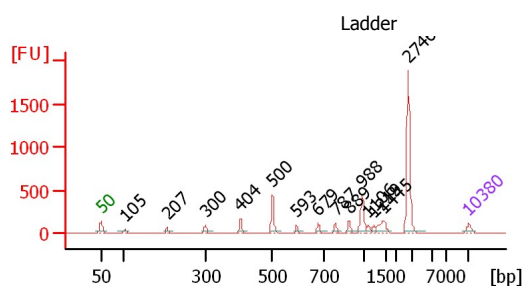
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	2,751	32.07	17.7	
15	10,380	4.20	0.6	Upper Marker

Overall Results for sample 11

Number of peaks found: 13

Peak table for sample 11

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	207	1.97	14.5	
3	299	3.11	15.7	
4	404	3.78	14.2	
5	499	9.12	27.7	
6	594	1.67	4.3	
7	678	2.35	5.2	
8	785	2.54	4.9	
9	887	2.95	5.0	
10	986	10.27	15.8	
11	1,099	1.60	2.2	
12	1,212	1.58	2.0	
13	1,438	6.62	7.0	



Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	1,445	9.24	9.7	
15	2,746	48.41	26.7	
16	10,380	4.20	0.6	Upper Marker

Overall Results for sample 12 : Ladder

Number of peaks found: 14

Peak table for sample 12 : Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	105	2.65	38.3	
3	207	2.51	18.4	
4	300	3.98	20.1	
5	404	4.87	18.3	
6	500	12.04	36.5	
7	593	2.20	5.6	
8	679	3.11	6.9	
9	787	3.42	6.6	
10	889	3.99	6.8	
11	988	14.26	21.9	
12	1,106	2.36	3.2	
13	1,219	2.38	3.0	

Assay Class: DNA 7500
Data Path: D:\...-02\2100 expert_DNA 7500_DE24802235_2012-02-02_21-01-35.xad

Created: 2/2/2012 9:01:35 PM
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