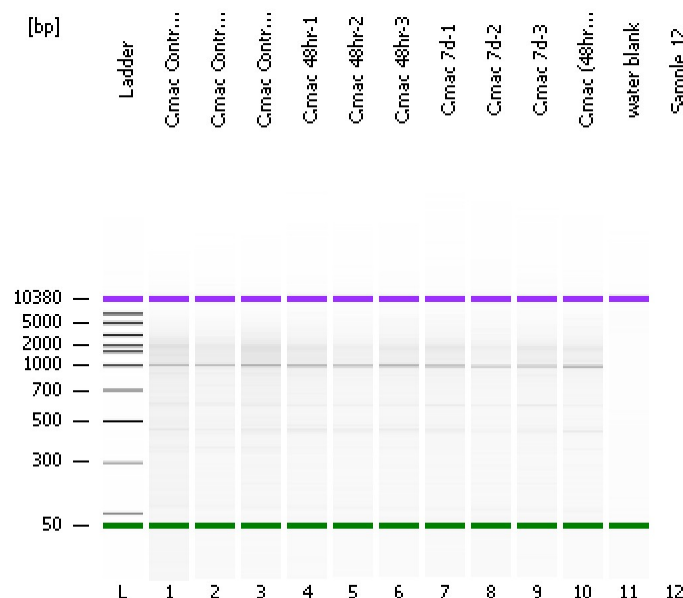


Assay Class: DNA 7500
Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
Modified: 9/23/2010 7:44:06 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

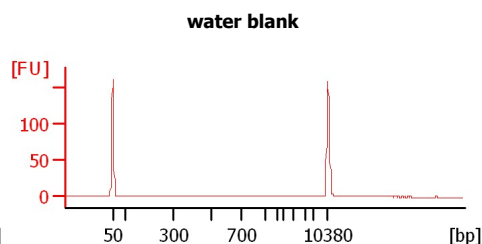
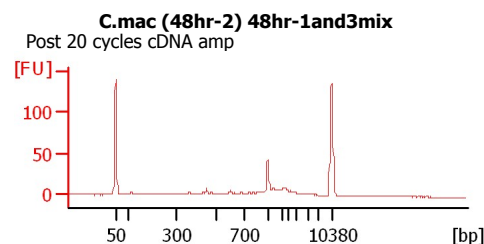
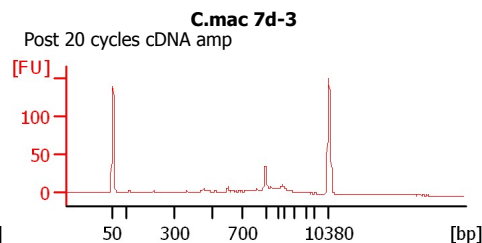
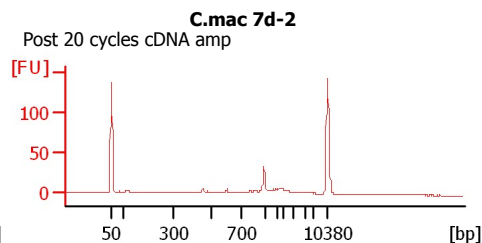
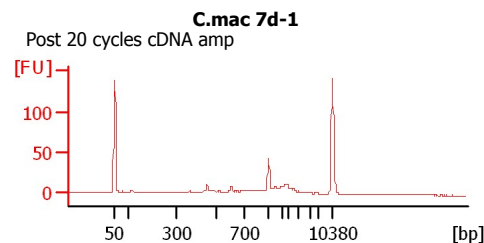
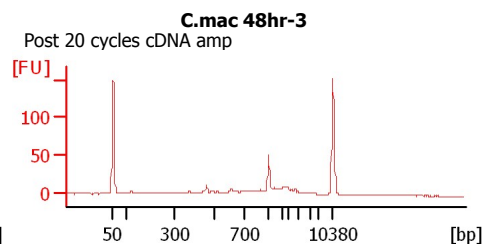
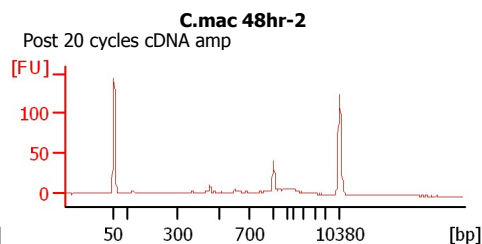
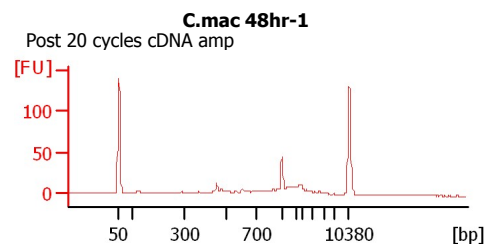
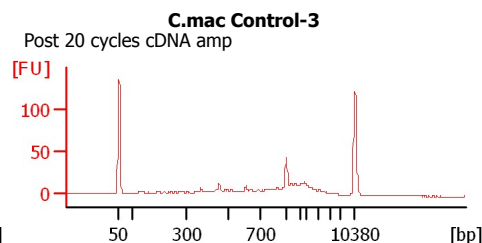
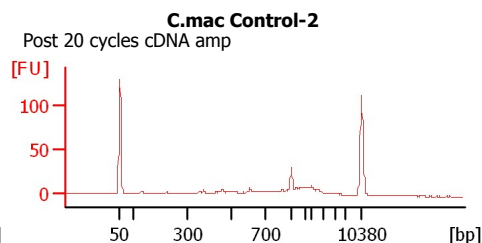
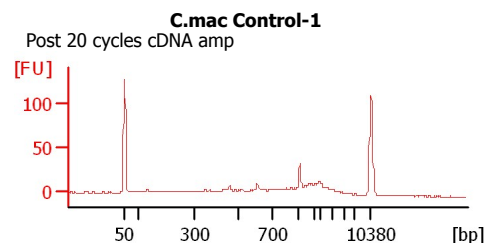
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 7500
Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
Modified: 9/23/2010 7:44:06 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
C.mac Control-1	Post 20 cycles cDNA amp	☐	✓			
C.mac Control-2	Post 20 cycles cDNA amp	☐	✓			
C.mac Control-3	Post 20 cycles cDNA amp	☐	✓			
C.mac 48hr-1	Post 20 cycles cDNA amp	☐	✓			
C.mac 48hr-2	Post 20 cycles cDNA amp	☐	✓			
C.mac 48hr-3	Post 20 cycles cDNA amp	☐	✓			
C.mac 7d-1	Post 20 cycles cDNA amp	☐	✓			
C.mac 7d-2	Post 20 cycles cDNA amp	☐	✓			
C.mac 7d-3	Post 20 cycles cDNA amp	☐	✓			
C.mac (48hr-2) 48hr-1and3mix	Post 20 cycles cDNA amp	☐	✓			
water blank		☐	✓			
Sample 12		☐				

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

Assay Class: DNA 7500
Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
Modified: 9/23/2010 7:44:06 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

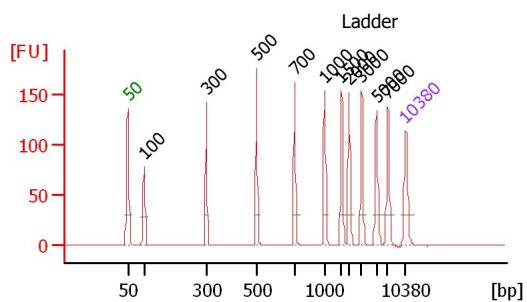
Ladder

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:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

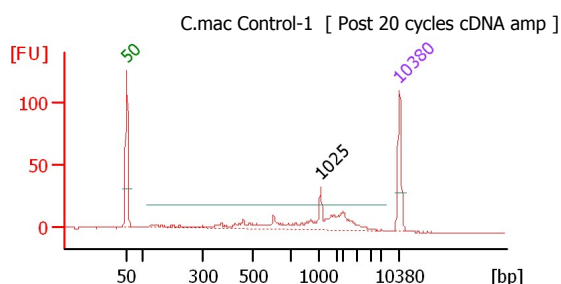
Created: 9/23/2010 6:25:55 PM
Modified: 9/23/2010 7:44:06 PM

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

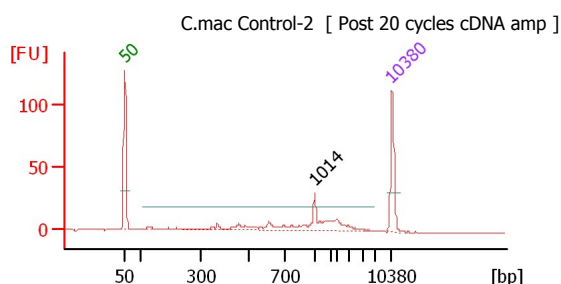


Overall Results for sample 1 : C.mac Control-1

Number of peaks found: 1

Peak table for sample 1 : C.mac Control-1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,025	10.60	15.7	
3	10,380	4.20	0.6	Upper Marker



Overall Results for sample 2 : C.mac Control-2

Number of peaks found: 1

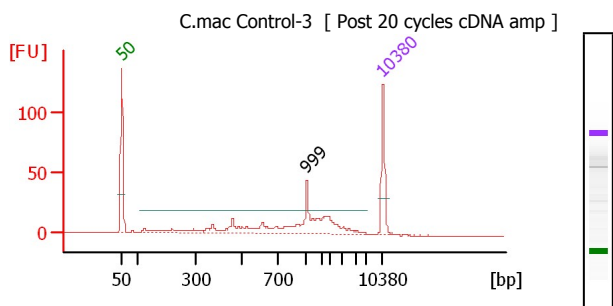
Peak table for sample 2 : C.mac Control-2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,014	7.27	10.9	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
 Modified: 9/23/2010 7:44:06 PM

Electropherogram Summary Continued ...

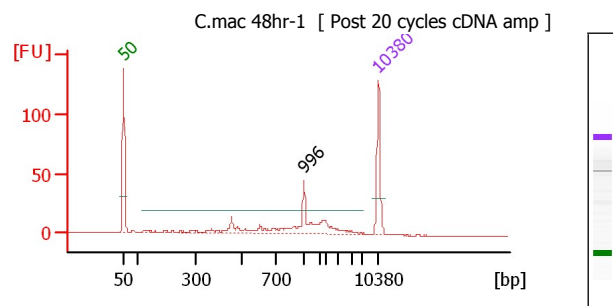


Overall Results for sample 3 : C.mac Control-3

Number of peaks found: 1

Peak table for sample 3 : C.mac Control-3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	999	11.14	16.9	
3	10,380	4.20	0.6	Upper Marker

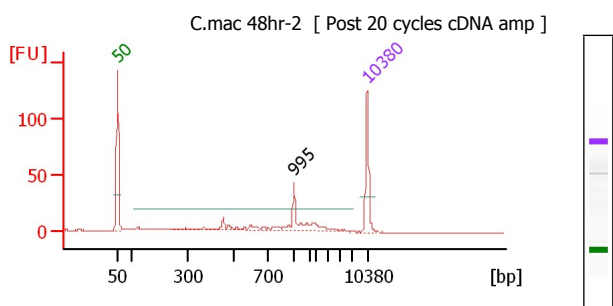


Overall Results for sample 4 : C.mac 48hr-1

Number of peaks found: 1

Peak table for sample 4 : C.mac 48hr-1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	996	7.71	11.7	
3	10,380	4.20	0.6	Upper Marker

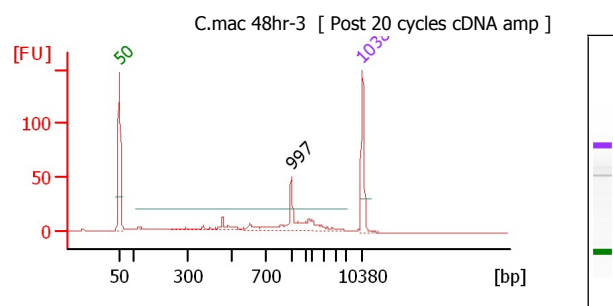


Overall Results for sample 5 : C.mac 48hr-2

Number of peaks found: 1

Peak table for sample 5 : C.mac 48hr-2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	995	6.11	9.3	
3	10,380	4.20	0.6	Upper Marker



Overall Results for sample 6 : C.mac 48hr-3

Number of peaks found: 1

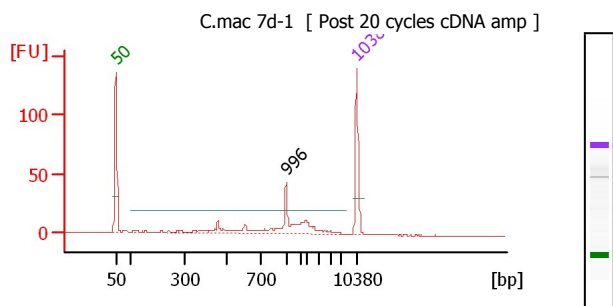
Peak table for sample 6 : C.mac 48hr-3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	997	6.93	10.5	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
 Modified: 9/23/2010 7:44:06 PM

Electropherogram Summary Continued ...

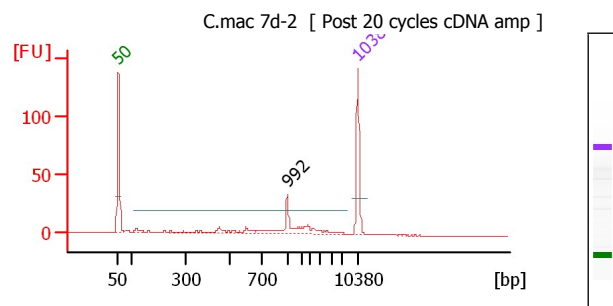


Overall Results for sample 7 : C.mac 7d-1

Number of peaks found: 1

Peak table for sample 7 : C.mac 7d-1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	996	6.59	10.0	
3	10,380	4.20	0.6	Upper Marker

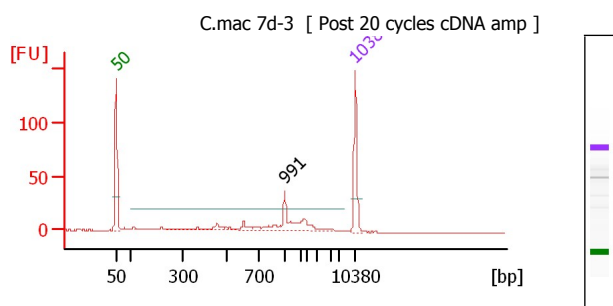


Overall Results for sample 8 : C.mac 7d-2

Number of peaks found: 1

Peak table for sample 8 : C.mac 7d-2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	992	4.01	6.1	
3	10,380	4.20	0.6	Upper Marker

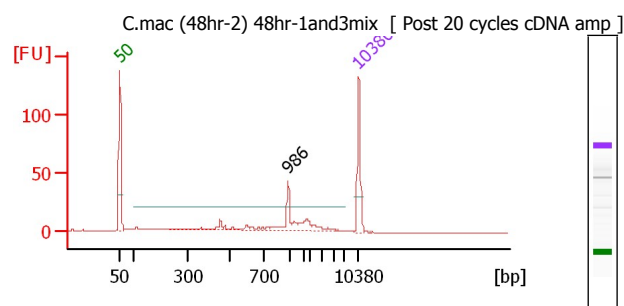


Overall Results for sample 9 : C.mac 7d-3

Number of peaks found: 1

Peak table for sample 9 : C.mac 7d-3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	991	5.63	8.6	
3	10,380	4.20	0.6	Upper Marker



Overall Results for sample 10 : C.mac (48hr-2) 48hr-1and3mix

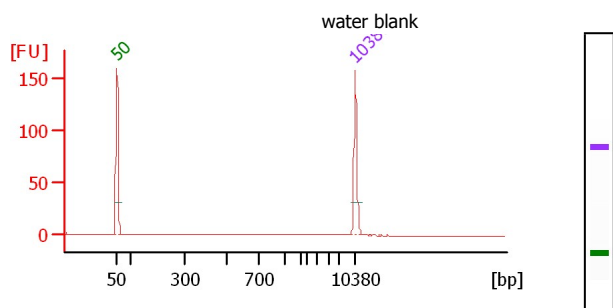
Number of peaks found: 1

Peak table for sample 10 : C.mac (48hr-2) 48hr-1and3mix

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	986	5.28	8.1	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
Modified: 9/23/2010 7:44:06 PM

Electropherogram Summary Continued ...

Overall Results for sample 11 : water blank

Number of peaks found: 0

Peak table for sample 11 : water blank

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-23\2100 expert_DNA 7500_DE24802235_2010-09-23_18-25-55.xad

Created: 9/23/2010 6:25:55 PM
Modified: 9/23/2010 7:44:06 PM

Gel Image