

Assay Class: DNA 7500
Data Path: D:\...-06\2100 expert_DNA 7500_DE24802235_2011-04-06_20-17-04.xad

Created: 4/6/2011 8:17:04 PM
Modified: 4/6/2011 8:30:41 PM

Electrophoresis File Run Summary

Instrument Information:

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

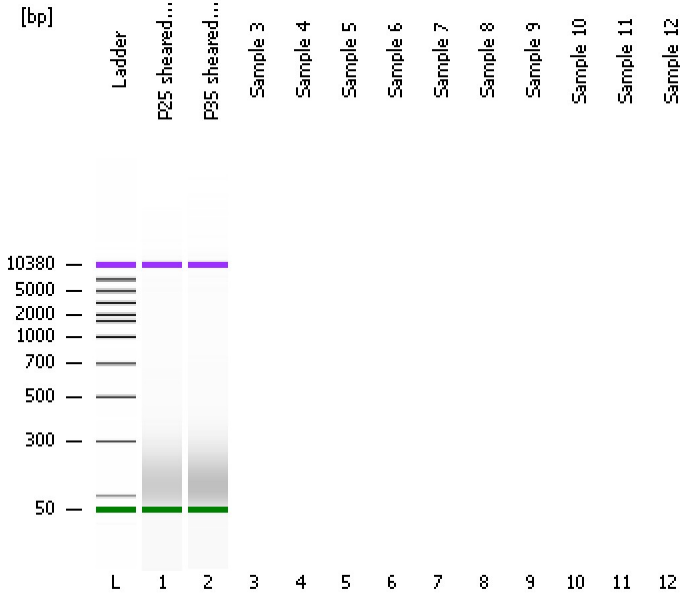
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Chip Information:

Chip Lot #:

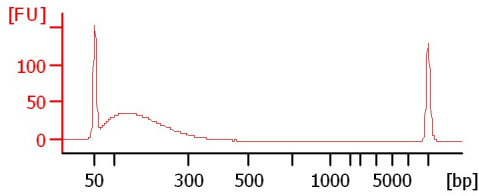
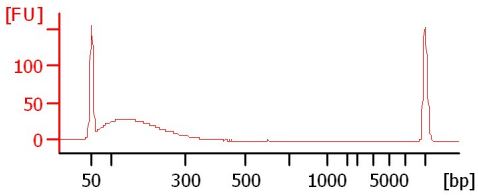
Reagent Kit Lot #:

Chip Comments:



P25 sheared dil 1:20

P35 sheared dil 1:20



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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status Observations	Result Label	Result Color
P25 sheared dil 1:20		<input type="checkbox"/>	✓		
P35 sheared dil 1:20		<input type="checkbox"/>	✓		
Sample 3		<input type="checkbox"/>			
Sample 4		<input type="checkbox"/>			
Sample 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"/>			
Sample 12		<input type="checkbox"/>			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

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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

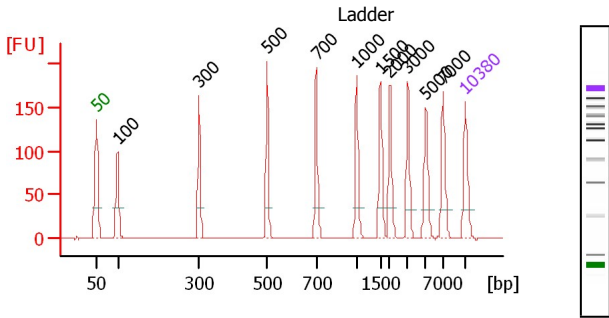
Ladder

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

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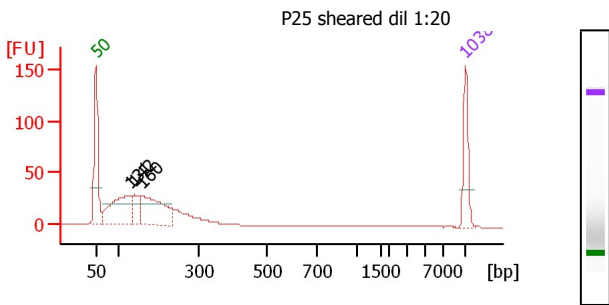
Created: 4/6/2011 8:17:04 PM
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Electropherogram Summary



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

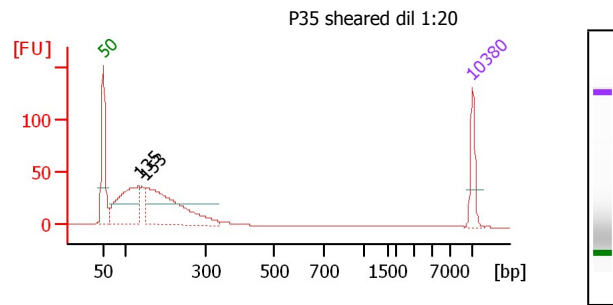


Overall Results for sample 1

Number of peaks found: 3

Peak table for sample 1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	131	7.16	83.0	
3	142	2.08	22.2	
4	160	7.24	68.7	
5	10,380	4.20	0.6	Upper Marker



Overall Results for sample 2

Number of peaks found: 2

Peak table for sample 2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	135	11.39	128.1	
3	153	16.88	167.5	
4	10,380	4.20	0.6	Upper Marker