

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-05-31_14-26-29.xad

Created: 5/31/2011 2:26:29 PM
Modified: 5/31/2011 4:32:16 PM

Electrophoresis File Run Summary

Instrument Information:

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

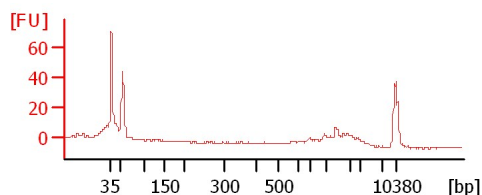
Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

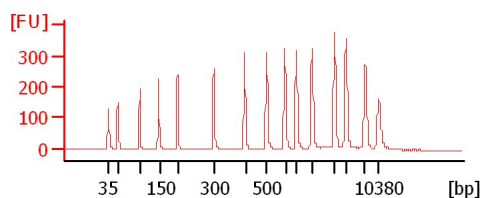
Chip Information:

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

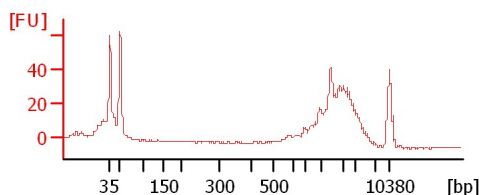
EAB-5 Post 15 cycles PCR



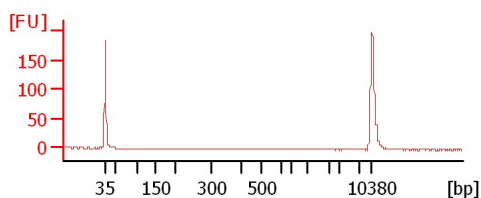
extra ladder



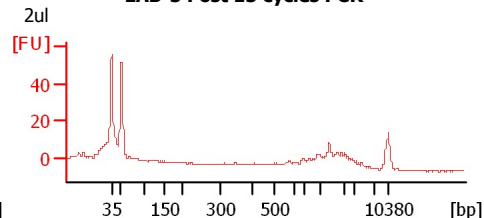
EAB-5 Post 15 cycles PCR
from diluted cDNA tube



water blank



EAB-5 Post 15 cycles PCR



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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
EAB-5 Post 15 cycles PCR		☐	✓			
EAB-5 Post 15 cycles PCR	from diluted cDNA tube	☐	✓			
EAB-5 Post 15 cycles PCR	2ul	☐	✓			
extra ladder		☐	✓			
water blank		☐	✓			
sample 6		☐				
sample 7		☐				
sample 8		☐				
sample 9		☐				
sample 10		☐				
sample 11		☐				
Ladder		☐	✓			

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.) : 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

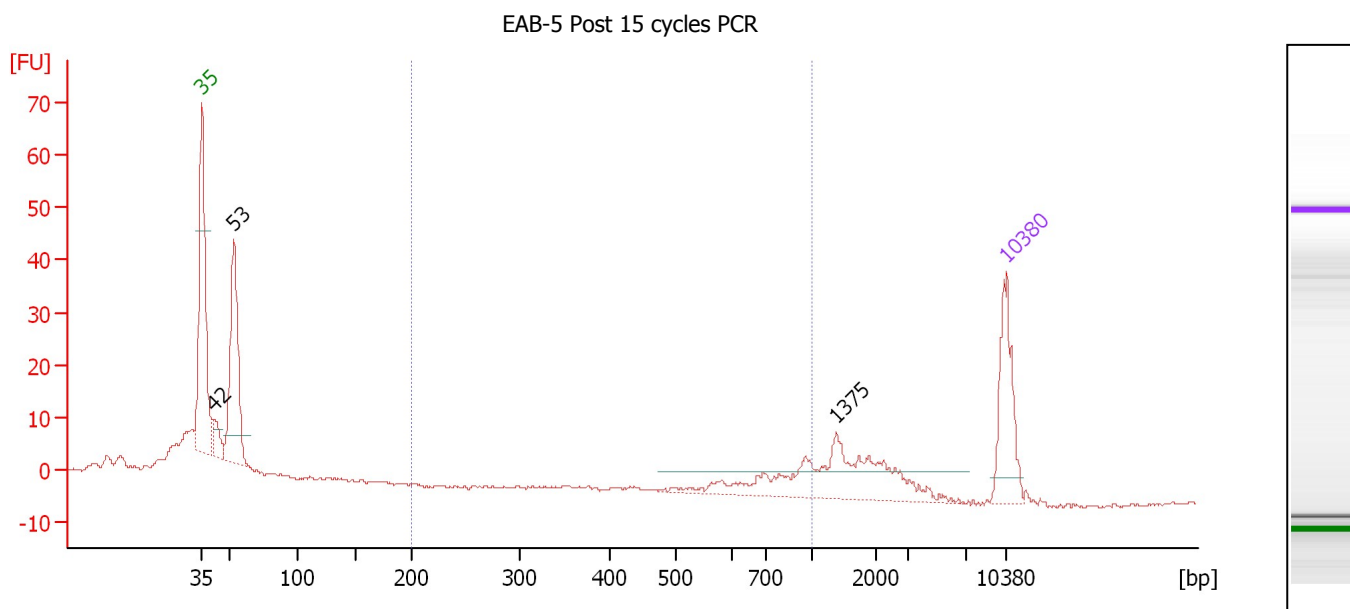
Ladder

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

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Electropherogram Summary



Overall Results for sample 1 : EAB-5 Post 15 cycles PCR

Number of peaks found: 3 Corr. Area 1: 21.7
 Noise: 0.3

Peak table for sample 1 : EAB-5 Post 15 cycles PCR

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	42	32.46	1,181.2	
3	53	233.93	6,669.5	
4	1,375	170.01	187.4	Upper Marker
5	10,380	75.00	10.9	

Region table for sample 1 : EAB-5 Post 15 cycles PCR

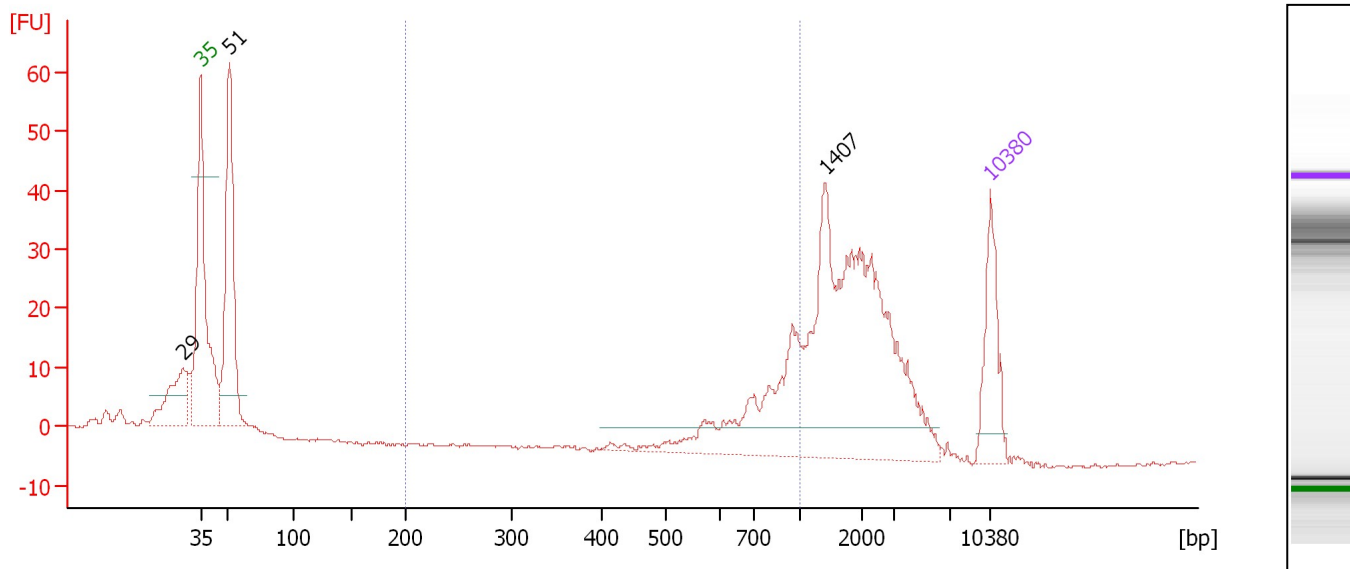
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	21.7	9	805	16.9	40.84	79.4	Blue

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Electropherogram Summary Continued ...

EAB-5 Post 15 cycles PCR [from diluted cDNA tube]

**Overall Results for sample 2 : EAB-5 Post 15 cycles PCR**

Number of peaks found: 3 Corr. Area 1: 82.3
 Noise: 0.2

Peak table for sample 2 : EAB-5 Post 15 cycles PCR

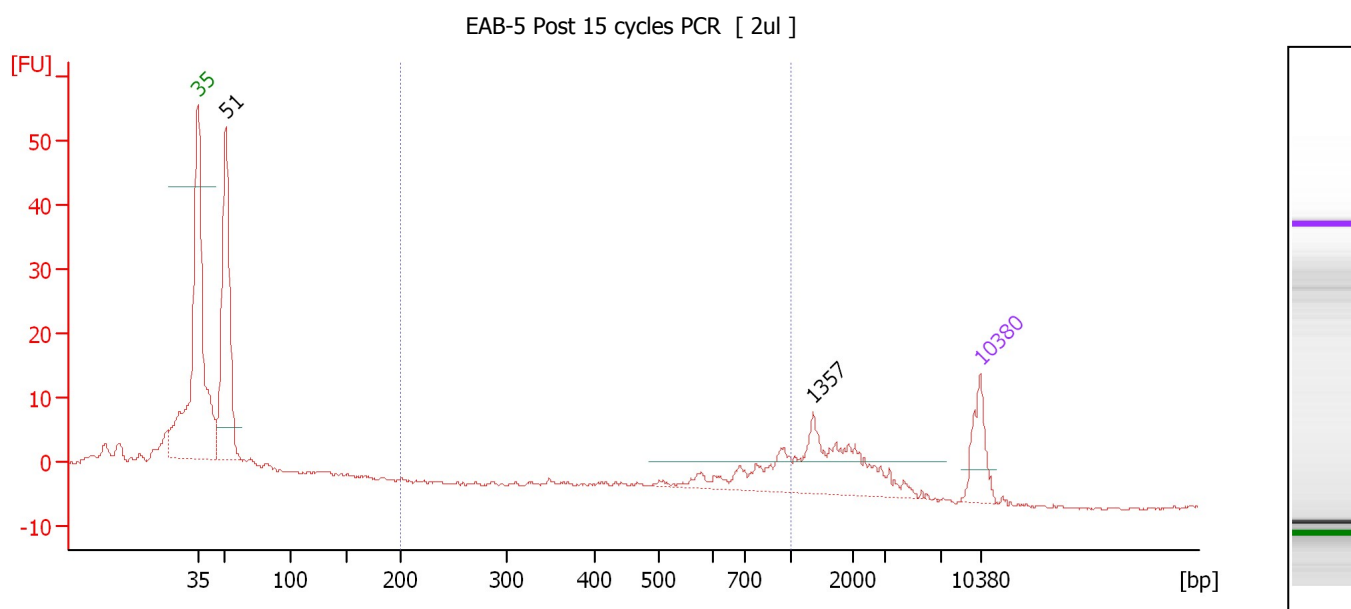
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	29	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	51	332.51	9,841.3	
4	1,407	641.06	690.3	
5	10,380	75.00	10.9	Upper Marker

Region table for sample 2 : EAB-5 Post 15 cycles PCR

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	82.3	14	790	18.3	151.65	303.1	Blue

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Electropherogram Summary Continued ...**Overall Results for sample 3 : EAB-5 Post 15 cycles PCR**

Number of peaks found: 2 Corr. Area 1: 27.4
 Noise: 0.3

Peak table for sample 3 : EAB-5 Post 15 cycles PCR

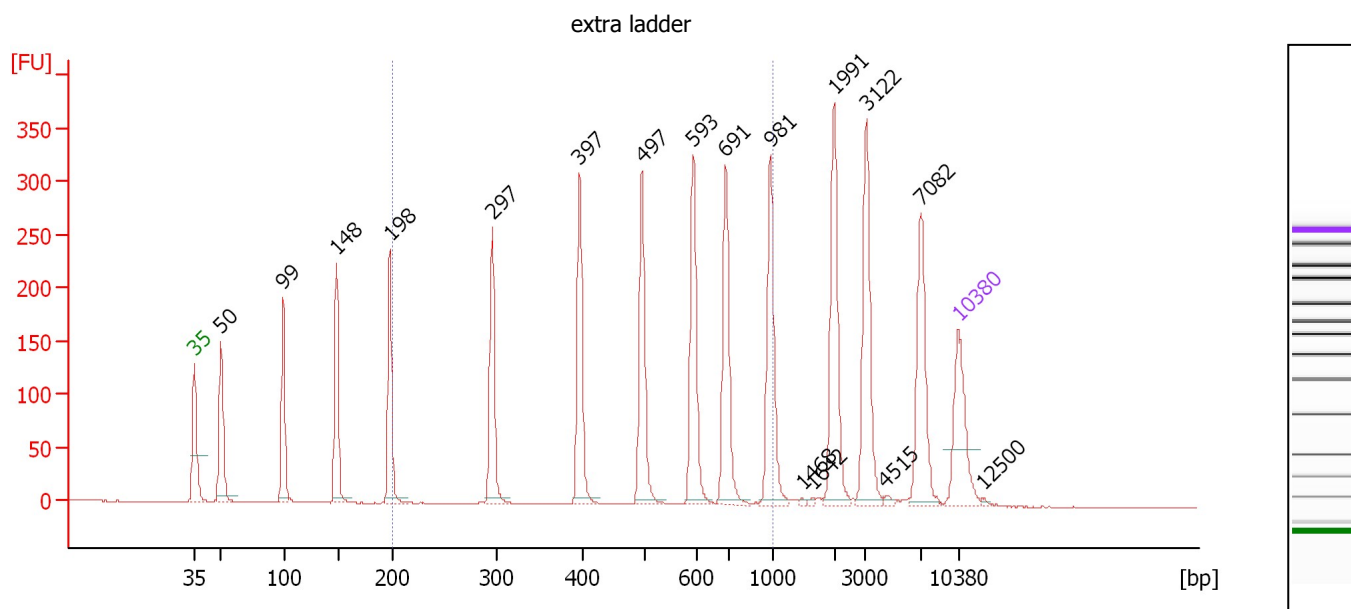
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	51	636.03	19,049.6	
3	1,357	337.87	377.4	
4	10,380	75.00	10.9	Upper Marker

Region table for sample 3 : EAB-5 Post 15 cycles PCR

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	27.4	12	780	18.7	115.00	233.7	Blue

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Electropherogram Summary Continued ...**Overall Results for sample 4 : extra ladder**

Number of peaks found: 17 Corr. Area 1: 1,349.8
 Noise: 0.2

Peak table for sample 4 : extra ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	129.34	3,899.5	
3	99	123.50	1,891.5	
4	148	130.49	1,340.2	
5	198	124.15	951.9	
6	297	126.21	644.7	
7	397	131.08	500.1	
8	497	135.20	412.0	
9	593	133.20	340.3	
10	691	136.08	298.5	
11	981	127.87	197.6	
12	1,468	1.80	1.9	
13	1,642	2.21	2.0	
14	1,991	126.83	96.5	
15	3,122	121.58	59.0	
16	4,515	3.77	1.3	
17	7,082	106.48	22.8	
18	10,380	75.00	10.9	Upper Marker
19	12,500	0.00	0.0	

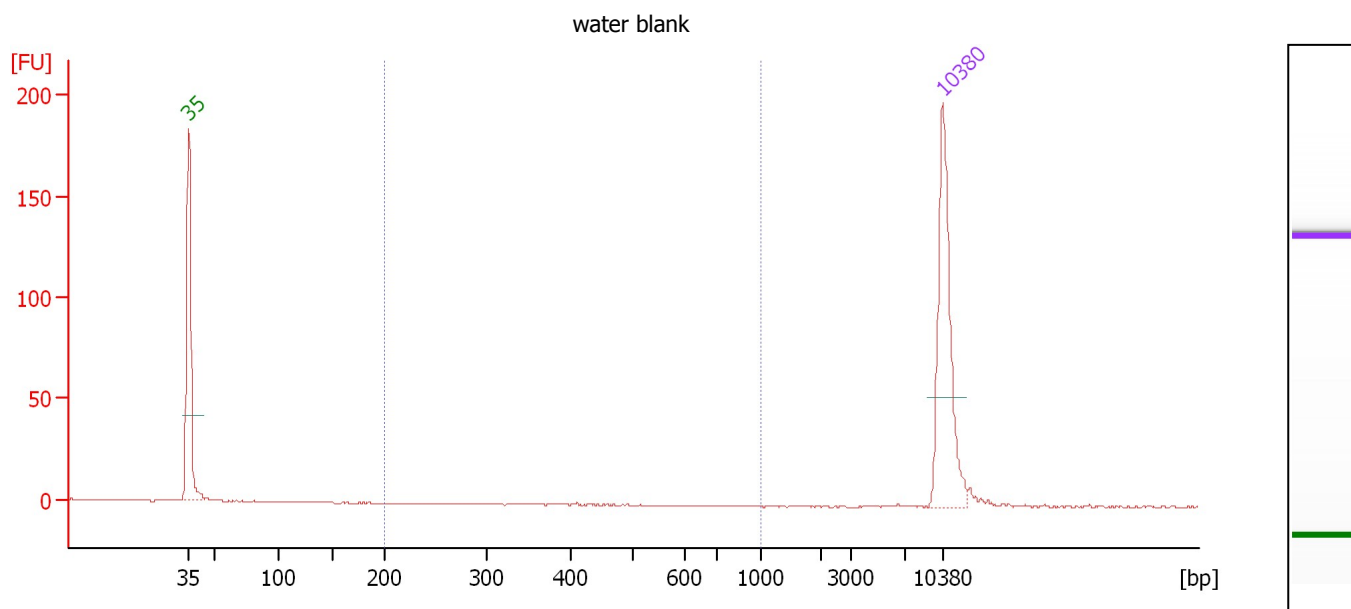
Region table for sample 4 : extra ladder

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,349.8	47	589	36.0	772.95	2,437.8	Blue

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Electropherogram Summary Continued ...



Overall Results for sample 5 : water blank

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.3

Peak table for sample 5 : water blank

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker

Region table for sample 5 : water blank

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	0.0	0	409	0.1	0.02	0.1	Blue

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Gel Image

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Invalid Samples

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.