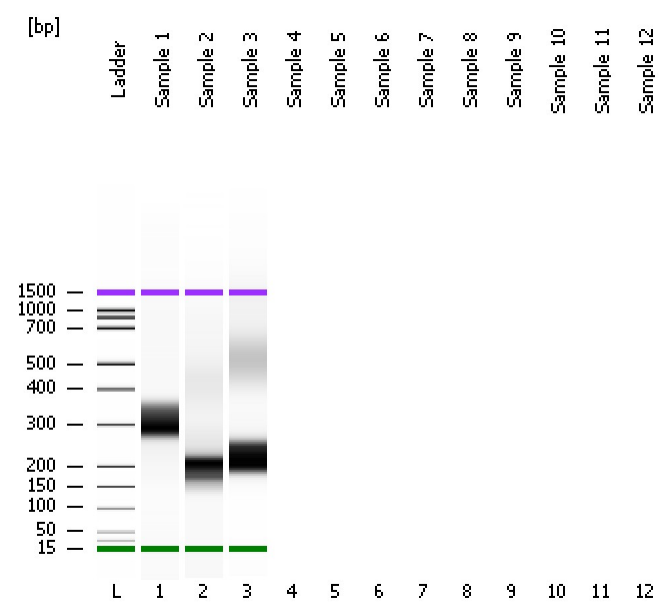
Assay Class: DNA 1000 Created: 17/12/2010 11:21:11
Data Path: D:\Bioanalyzer\2010-12-17\AG-171210_DNA 1000_2010-12-17_001.xad Modified: 17/12/2010 11:39:11

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE23101747 Firmware: C.01.069
Serial#: DE23101747 Type: G2938B

Assay Information:

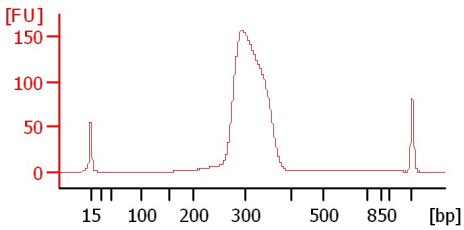
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 25 -1000 bp

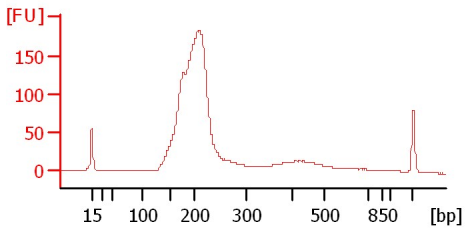
Chip Information:

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

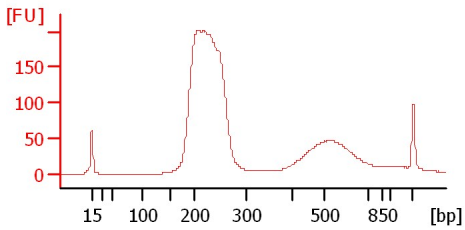
Sample 1



Sample 2



Sample 3



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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: 17/12/2010 11:21:11
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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
Data Path: D:\Bioanalyzer\2010-12-17\AG-171210_DNA 1000_2010-12-17_001.xad

Created: 17/12/2010 11:21:11
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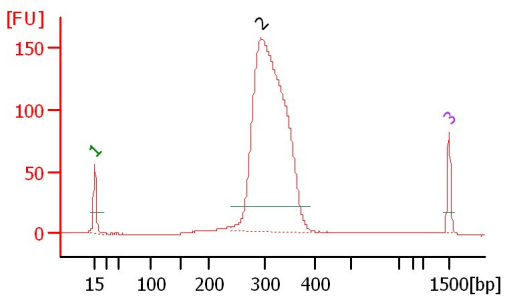
Electropherogram Summary

Sample 1



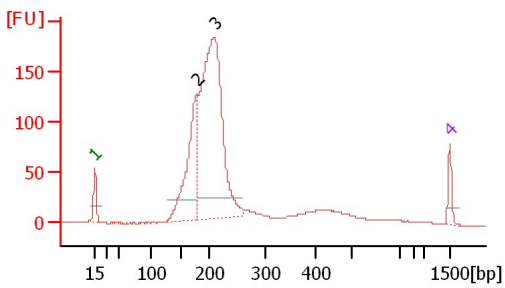
Overall Results for sample 1 : **Sample 1**

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	291	61,94	322,8	
3	1 500	2,10	2,1	Upper Marker

Sample 2



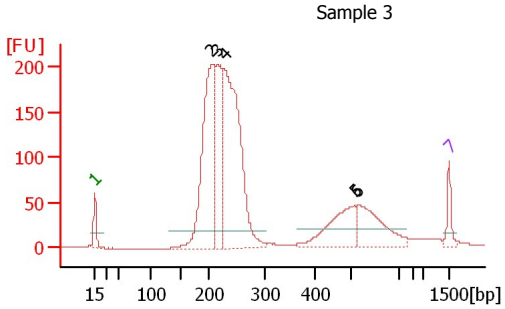
Overall Results for sample 2 : **Sample 2**

Number of peaks found: 2

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	177	19,46	166,8	
3	209	52,33	380,0	
4	1 500	2,10	2,1	Upper Marker

Sample 3



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

Number of peaks found: 5

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	205	26,91	199,3	
3	215	11,92	84,1	
4	227	34,08	227,6	
5	519	8,22	24,0	
6	530	8,06	23,0	
7	1 500	2,10	2,1	Upper Marker

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Gel Image