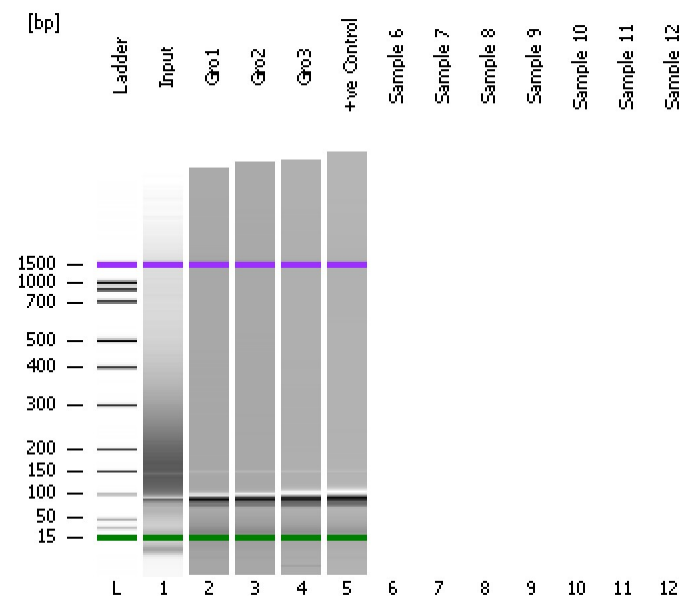


Assay Class: DNA 1000
Data Path: C:\...100 expert\Data\2012-05-21\DNA 1000_2012-05-21_11-28-53.xad

Created: 21/05/2012 11:28:53
Modified: 21/05/2012 11:52:10

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72902869 Firmware: C.01.069
Serial#: DE72902869 Type: G2939A

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

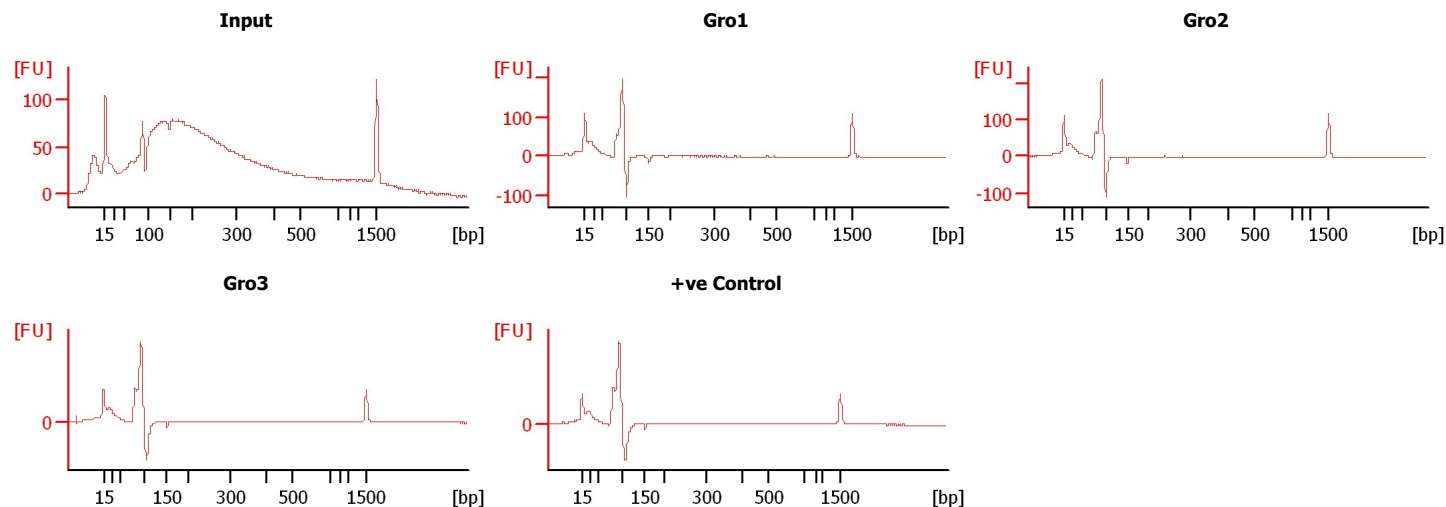
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 1000
Data Path: C:\...100 expert\Data\2012-05-21\DNA 1000_2012-05-21_11-28-53.xad

Created: 21/05/2012 11:28:53
Modified: 21/05/2012 11:52:10

Electrophoresis File Run Summary (Chip Summary)

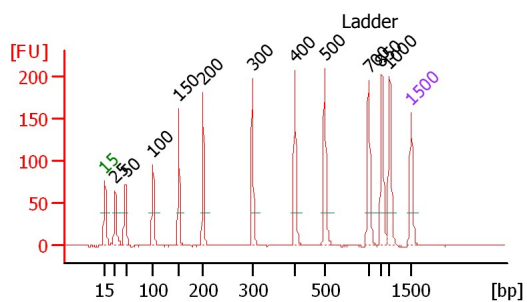
Sample Name	Sample Comment	Rest. Digest	Status Observation	Result Label	Result Color
Input		☐	✓		
Gro1		☐	✓		
Gro2		☐	✓		
Gro3		☐	✓		
+ve Control		☐	✓		
Sample 6		☐			
Sample 7		☐			
Sample 8		☐			
Sample 9		☐			
Sample 10		☐			
Sample 11		☐			
Sample 12		☐			

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

Assay Class: DNA 1000
 Data Path: C:\...100 expert\Data\2012-05-21\DNA 1000_2012-05-21_11-28-53.xad

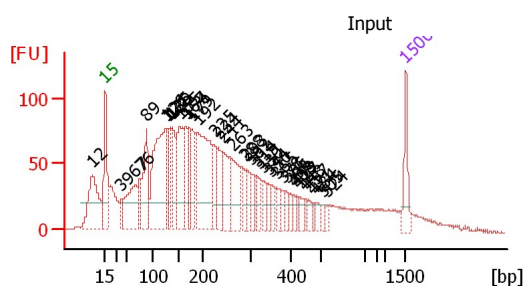
Created: 21/05/2012 11:28:53
 Modified: 21/05/2012 11:52:10

Electropherogram Summary



Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	25	4.00	242.4	Ladder Peak
3	50	4.00	121.2	Ladder Peak
4	100	4.00	60.6	Ladder Peak
5	150	4.00	40.4	Ladder Peak
6	200	4.00	30.3	Ladder Peak
7	300	4.00	20.2	Ladder Peak
8	400	4.00	15.2	Ladder Peak
9	500	4.00	12.1	Ladder Peak
10	700	4.00	8.7	Ladder Peak
11	850	4.00	7.1	Ladder Peak
12	1,000	4.00	6.1	Ladder Peak
13	1,500	2.10	2.1	Upper Marker



Overall Results for sample 1 : Input

Number of peaks found: 38

Peak table for sample 1 : Input

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	12	0.00	0.0	
2	15	4.20	424.2	Lower Marker
3	39	0.83	31.8	
4	67	4.71	106.2	
5	76	1.30	25.9	
6	89	4.16	71.1	
7	126	10.27	123.4	
8	131	1.59	18.5	
9	135	1.60	18.0	
10	139	2.90	31.6	
11	155	5.75	56.1	
12	167	2.52	22.9	
13	174	1.58	13.7	

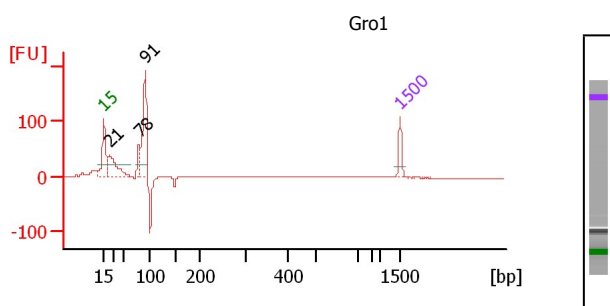
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
14	179	2.50	21.1	
15	192	9.04	71.3	
16	225	1.68	11.3	
17	234	2.17	14.0	
18	244	3.51	21.7	
19	263	3.24	18.7	
20	288	0.82	4.3	
21	293	1.24	6.4	
22	302	1.28	6.4	
23	314	0.68	3.3	
24	319	0.98	4.7	
25	330	1.20	5.5	
26	344	0.60	2.7	
27	350	0.87	3.8	
28	365	0.88	3.6	
29	378	0.52	2.1	
30	386	0.60	2.4	
31	396	0.63	2.4	
32	408	0.35	1.3	
33	419	0.43	1.5	
34	427	0.72	2.5	
35	448	0.32	1.1	
36	457	0.57	1.9	
37	471	0.31	1.0	
38	484	0.56	1.7	
39	505	0.44	1.3	

Assay Class: DNA 1000
Data Path: C:\...100 expert\Data\2012-05-21\DNA 1000_2012-05-21_11-28-53.xad

Created: 21/05/2012 11:28:53
Modified: 21/05/2012 11:52:10

Electropherogram Summary Continued ...

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
40	524	0.28	0.8	
41	1,500	2.10	2.1	Upper Marker

**Overall Results for sample 2 : Gro1**

Number of peaks found: 3

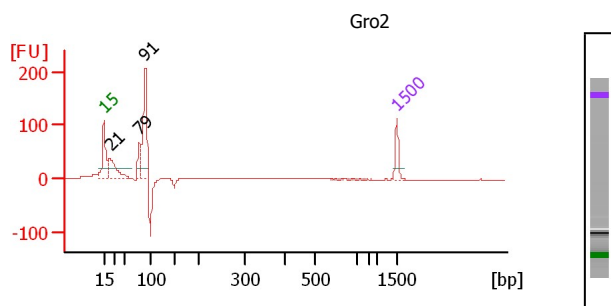
Peak table for sample 2 : Gro1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	21	8.15	592.8	
3	78	2.39	46.3	
4	91	11.40	190.5	
5	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...100 expert\Data\2012-05-21\DNA 1000_2012-05-21_11-28-53.xad

Created: 21/05/2012 11:28:53
 Modified: 21/05/2012 11:52:10

Electropherogram Summary Continued ...

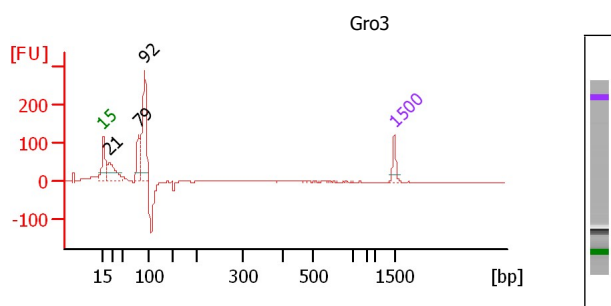


Overall Results for sample 3 : Gro2

Number of peaks found: 3

Peak table for sample 3 : Gro2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	21	7.61	551.2	
3	79	2.75	52.9	
4	91	11.70	194.3	
5	1,500	2.10	2.1	Upper Marker



Overall Results for sample 4 : Gro3

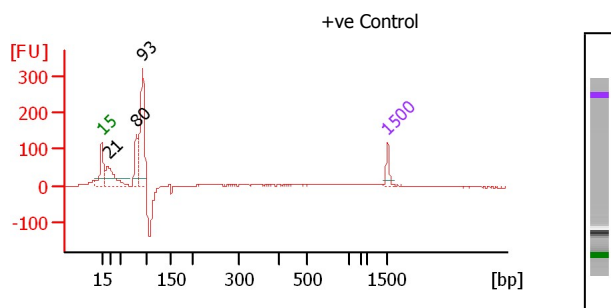
Number of peaks found: 3

Peak table for sample 4 : Gro3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	21	8.90	637.1	
3	79	5.53	105.7	
4	92	17.08	282.1	
5	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...100 expert\Data\2012-05-21\DNA 1000_2012-05-21_11-28-53.xad

Created: 21/05/2012 11:28:53
Modified: 21/05/2012 11:52:10

Electropherogram Summary Continued ...**Overall Results for sample 5 : +ve Control**

Number of peaks found: 3

Peak table for sample 5 : +ve Control

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	21	9.38	667.9	
3	80	5.82	110.2	
4	93	17.57	287.4	
5	1,500	2.10	2.1	Upper Marker