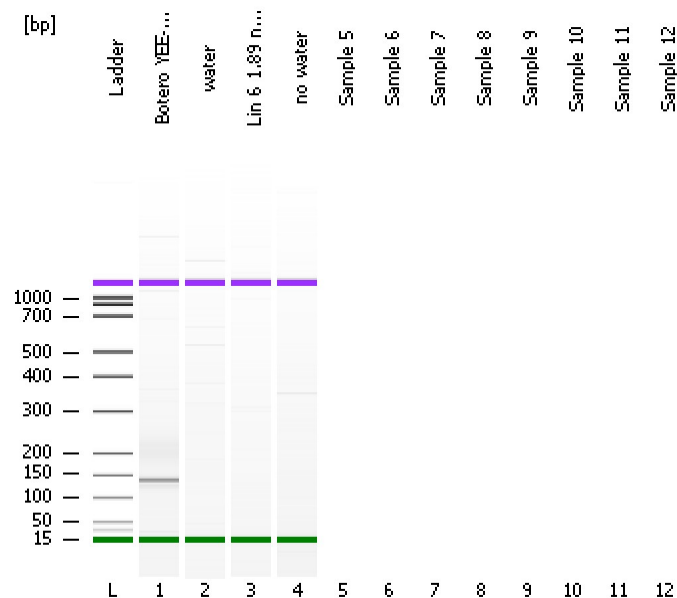


Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE20901513 Firmware: C.01.069
Serial#: DE20901513 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

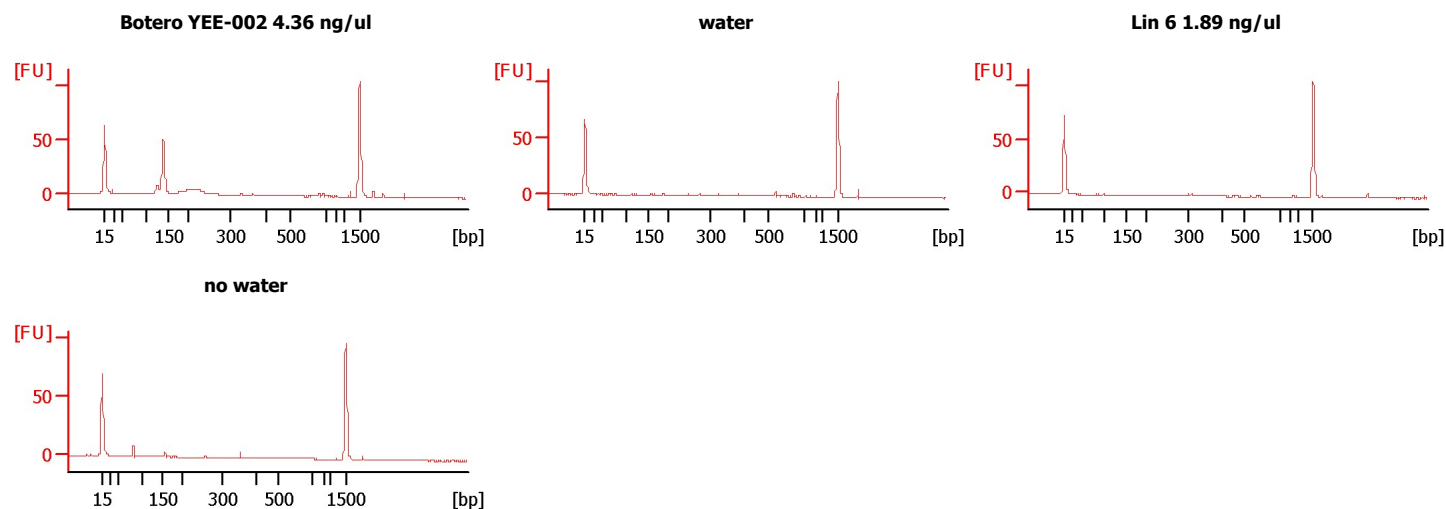
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Electrophoresis File Run Summary (Chip Summary)

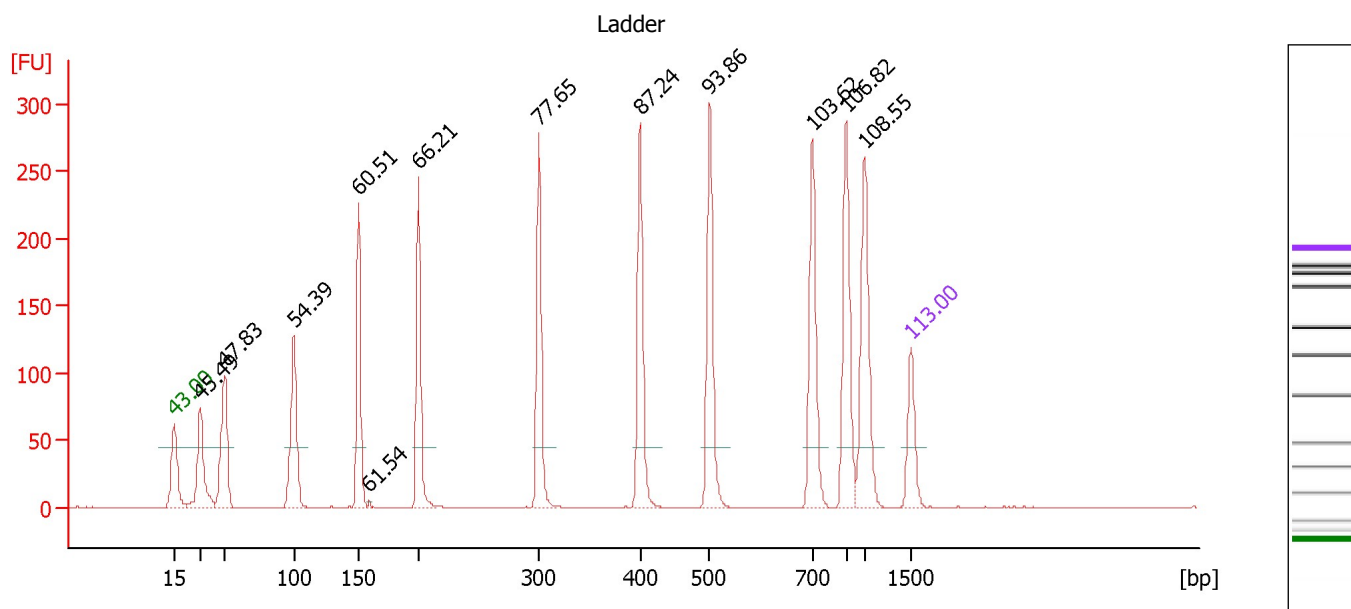
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Botero YEE-002 4.36 ng/ul		<input type="checkbox"/>	✓			
water		<input type="checkbox"/>	✓			
Lin 6 1.89 ng/ul		<input type="checkbox"/>	✓			
no water		<input type="checkbox"/>	✓			
Sample 5		<input type="checkbox"/>				
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"/>				
Ladder		<input type="checkbox"/>	✓			

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

Assay Class: DNA 1000
 Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
 Modified: 5/11/2017 5:03:52 PM

Electropherogram Summary

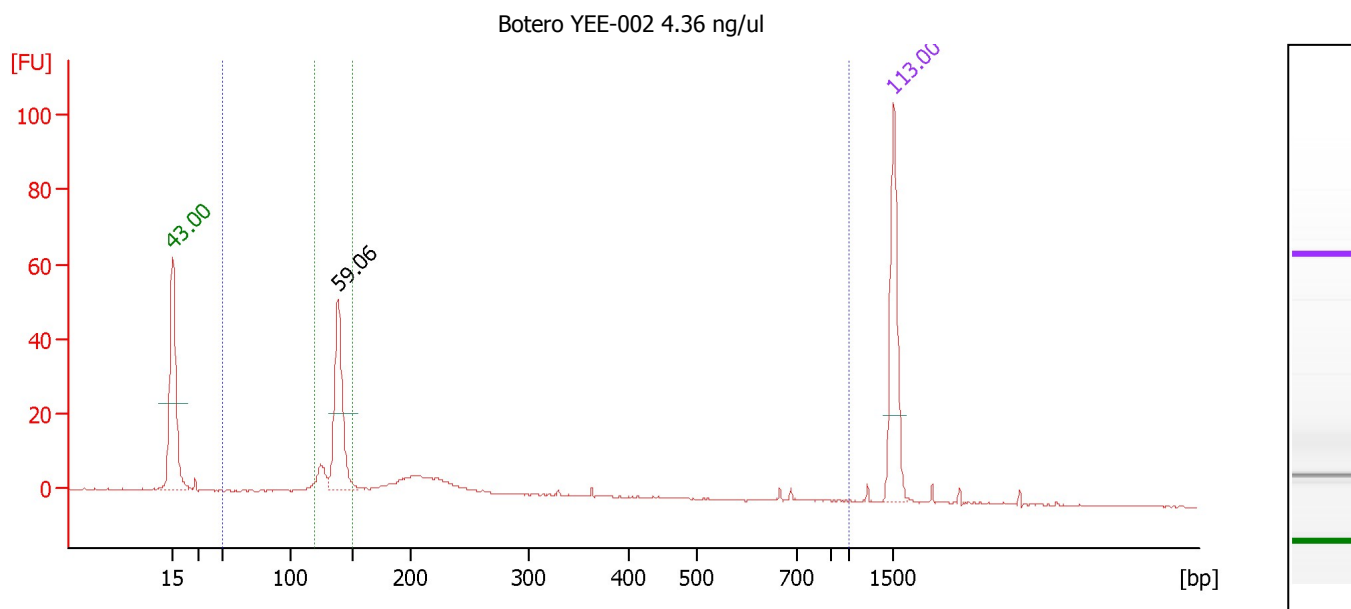


Peak table for Ladder

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	159	0.00	0.0	
7	200	4.00	30.3	Ladder Peak
8	300	4.00	20.2	Ladder Peak
9	400	4.00	15.2	Ladder Peak
10	500	4.00	12.1	Ladder Peak
11	700	4.00	8.7	Ladder Peak
12	850	4.00	7.1	Ladder Peak
13	1,000	4.00	6.1	Ladder Peak
14	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
 Modified: 5/11/2017 5:03:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 1 : Botero YEE-002 4.36 ng/ul**

Number of peaks found: 1 Area 2: 50.9
 Area 1: 114.7

Peak table for sample 1 : Botero YEE-002 4.36 ng/ul

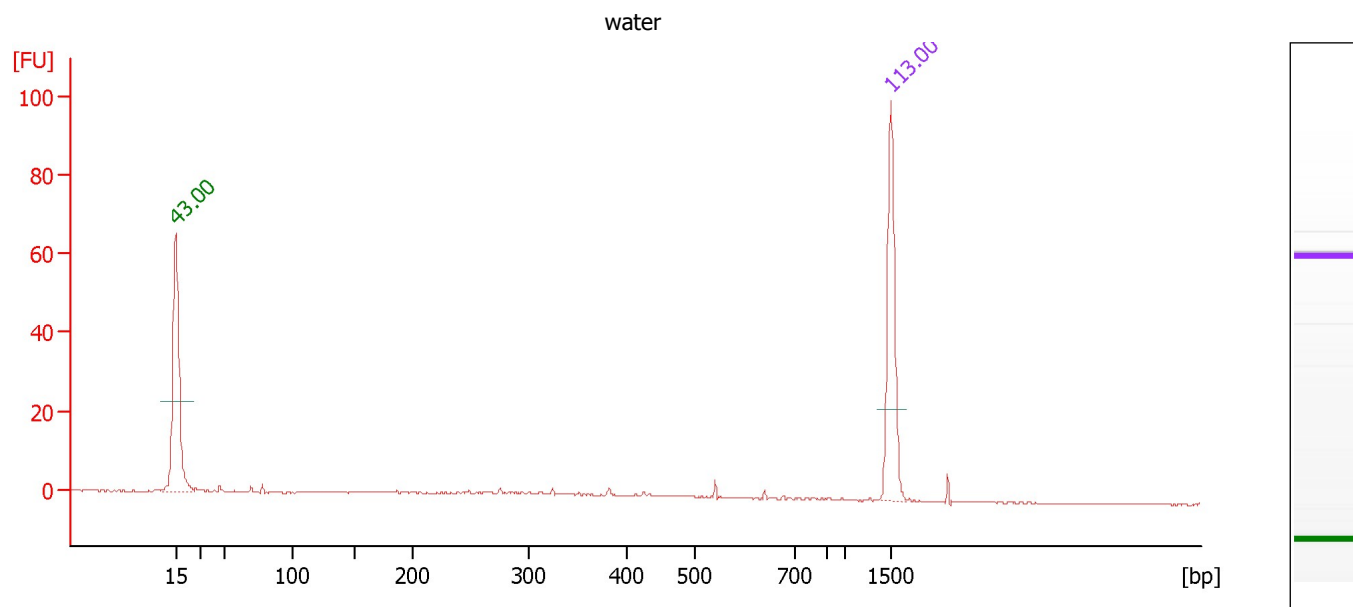
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	138	2.49	27.3	
3	1,500	2.10	2.1	Upper Marker

Region table for sample 1 : Botero YEE-002 4.36 ng/ul

From [bp]	To [bp]	Area	% of Total	Average Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Size distribution in CV [%]	Color
50	1,000	114.7	86	213	6.17	59.0	67.0	Blue
120	150	50.9	38	137	3.09	34.2	4.3	Green

Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : water**

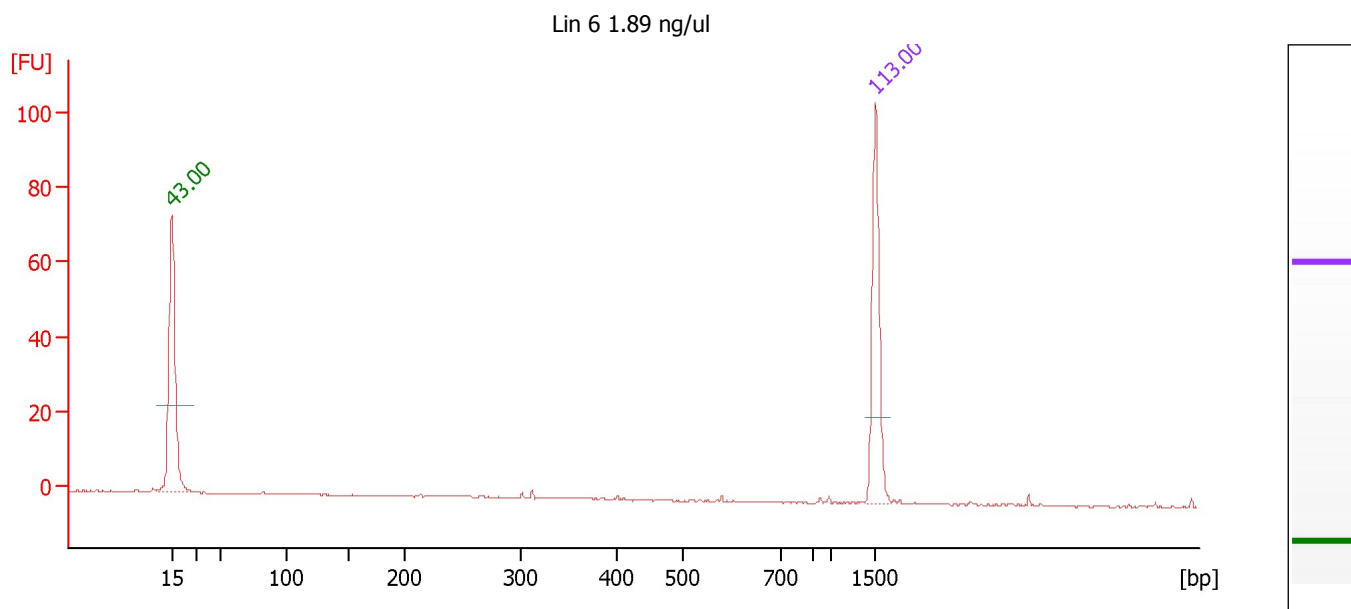
Number of peaks found: 0

Peak table for sample 2 : water

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : Lin 6 1.89 ng/ul**

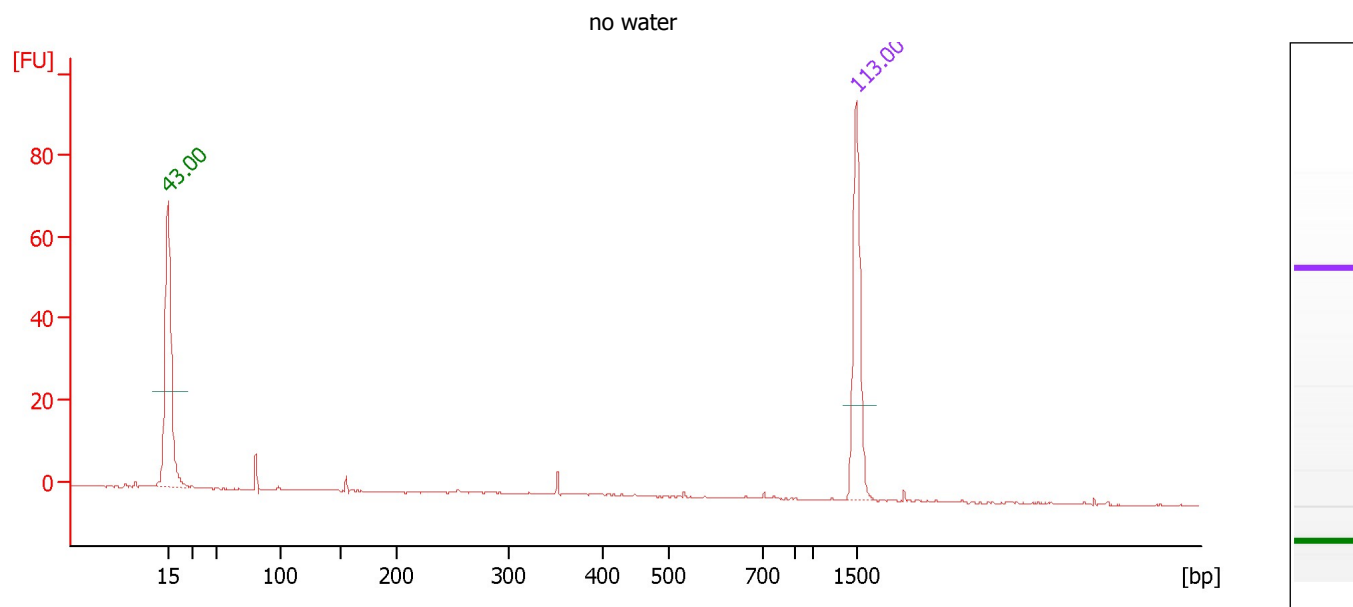
Number of peaks found: 0

Peak table for sample 3 : Lin 6 1.89 ng/ul

Peak	Size [bp]	Conc. [ng/ul]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : no water**

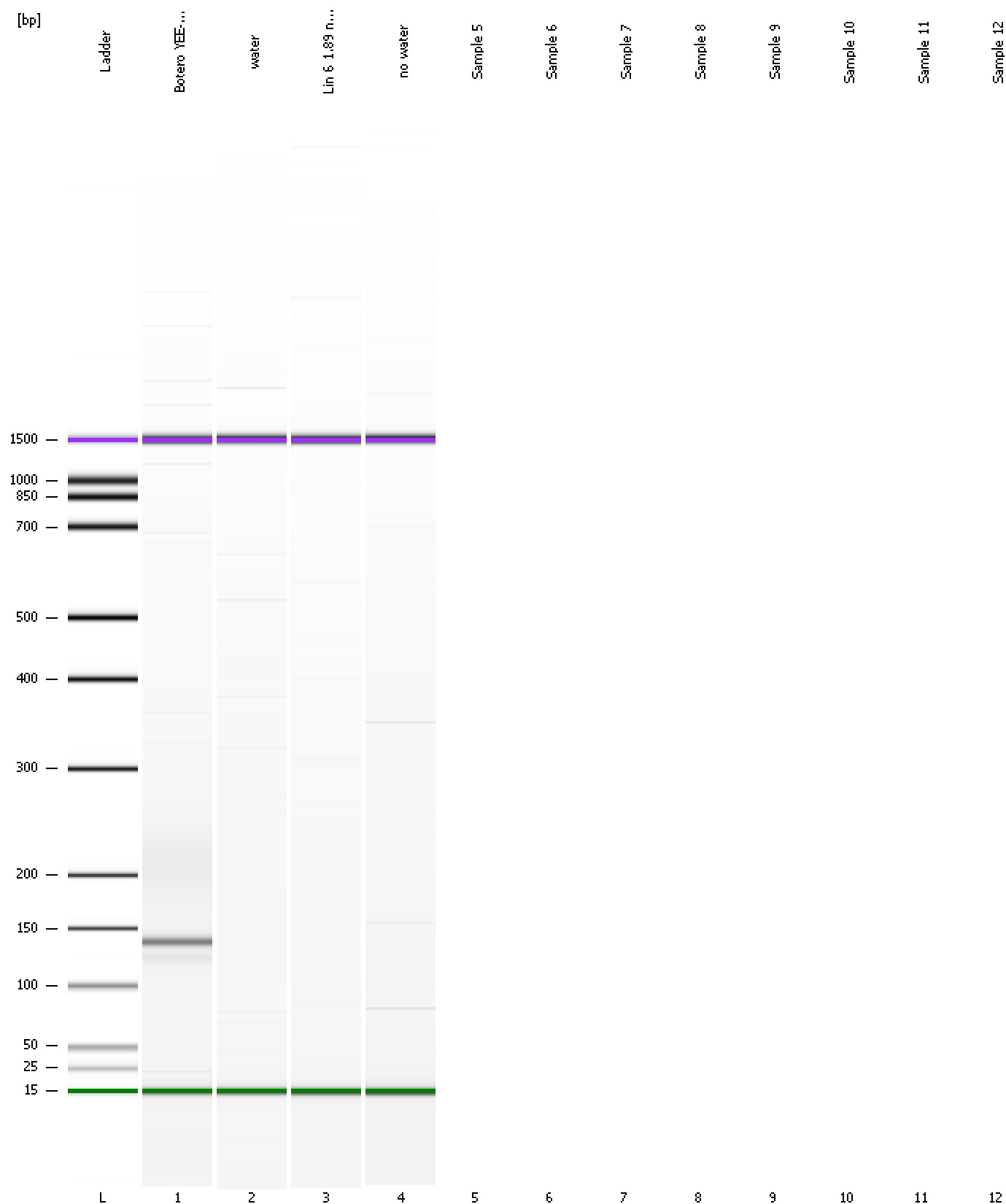
Number of peaks found: 0

Peak table for sample 4 : no water

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Gel Image

Assay Class: DNA 1000
Data Path: C:\...7-05-11\Agilent_DNA 1000_DE20901513_2017-05-11_16-34-15.xad

Created: 5/11/2017 4:34:14 PM
Modified: 5/11/2017 5:03:52 PM

Invalid Samples

Sample 5 has not been run, no results available.

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.

Sample 12 has not been run, no results available.