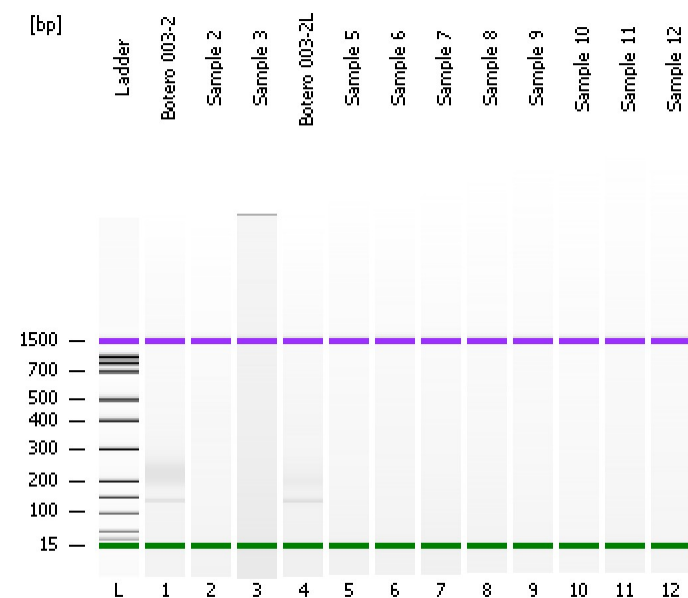


Assay Class: DNA 1000  
Data Path: C:\...7-08-03\Agilent\_DNA 1000\_DE20901513\_2017-08-03\_13-25-37.xad

Created: 8/3/2017 1:25:37 PM  
Modified: 8/3/2017 2:17:46 PM

### Electrophoresis File Run Summary



#### Instrument Information:

Instrument Name: DE20901513 Firmware: C.01.069  
Serial#: DE20901513 Type: G2938B

#### Assay Information:

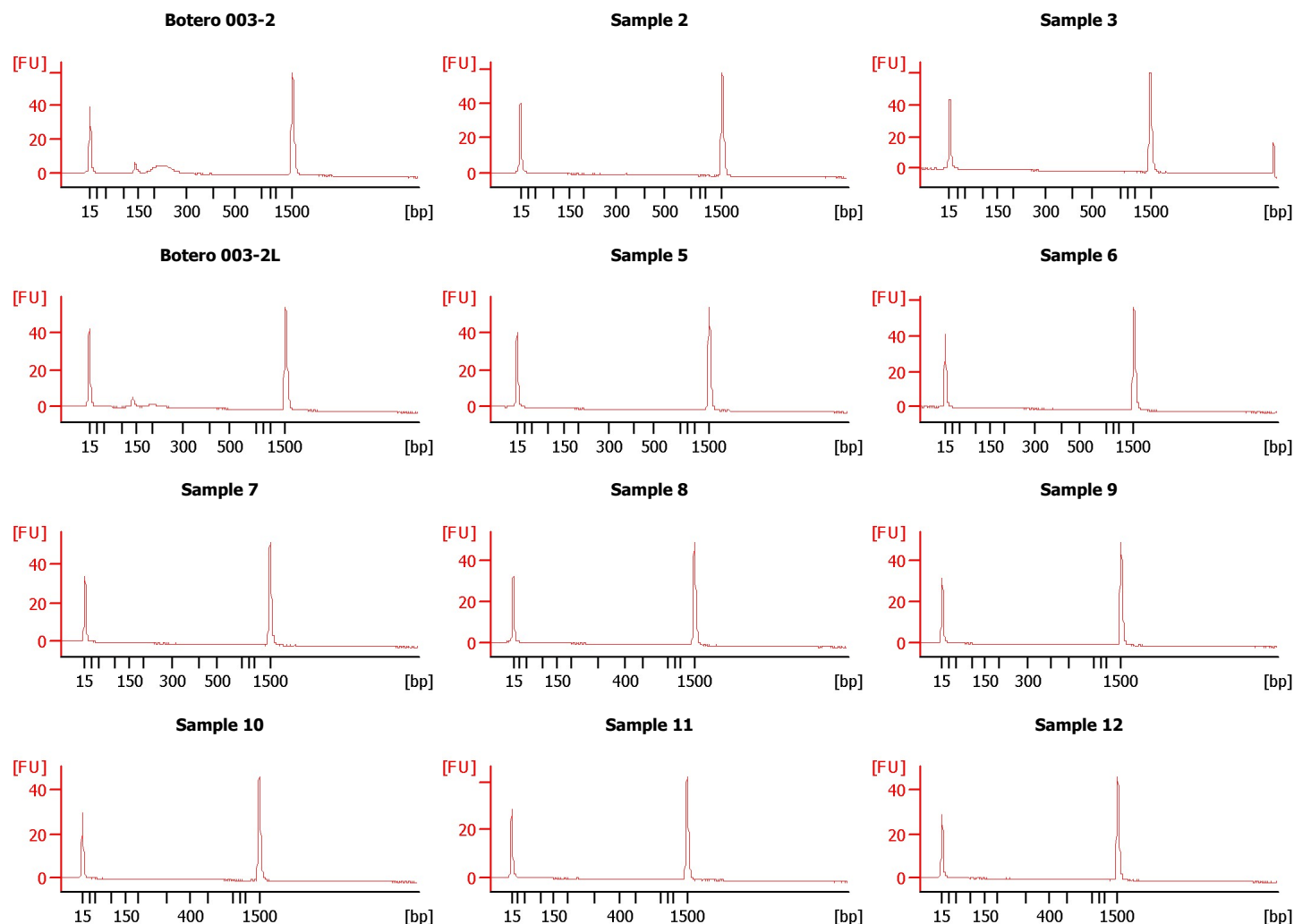
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

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:\...7-08-03\Agilent\_DNA 1000\_DE20901513\_2017-08-03\_13-25-37.xad

Created: 8/3/2017 1:25:37 PM  
Modified: 8/3/2017 2:17:46 PM

**Electrophoresis File Run Summary (Chip Summary)**

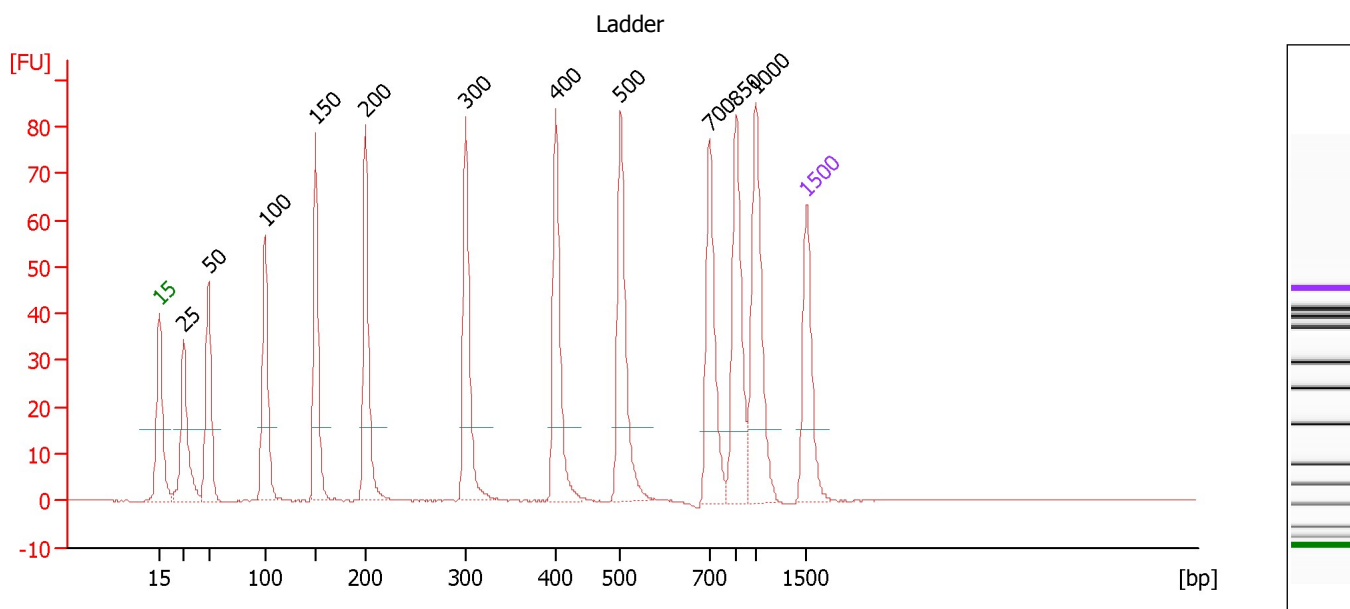
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Botero 003-2		<input type="checkbox"/>	✓			
Sample 2		<input type="checkbox"/>	✓			
Sample 3		<input type="checkbox"/>	✓			
Botero 003-2L		<input type="checkbox"/>	✓			
Sample 5		<input type="checkbox"/>	✓			
Sample 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:\...7-08-03\Agilent\_DNA 1000\_DE20901513\_2017-08-03\_13-25-37.xad

Created: 8/3/2017 1:25:37 PM  
 Modified: 8/3/2017 2:17:46 PM

### Electropherogram Summary



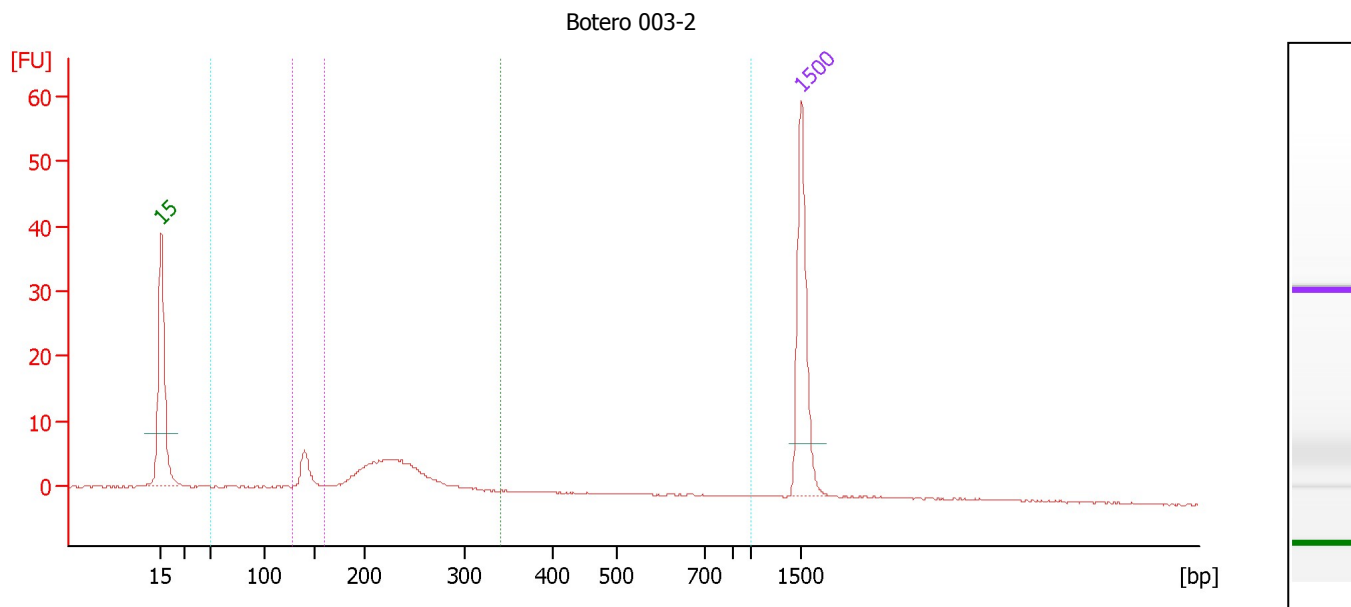
### Peak table for Ladder

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	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

Assay Class: DNA 1000  
 Data Path: C:\...7-08-03\Agilent\_DNA 1000\_DE20901513\_2017-08-03\_13-25-37.xad

Created: 8/3/2017 1:25:37 PM  
 Modified: 8/3/2017 2:17:46 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 1 : Botero 003-2

Number of peaks found:	0	Area 3:	48.3
Area 1:	8.9	Area 4:	6.3
Area 2:	34.6		

### Peak table for sample 1 : Botero 003-2

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

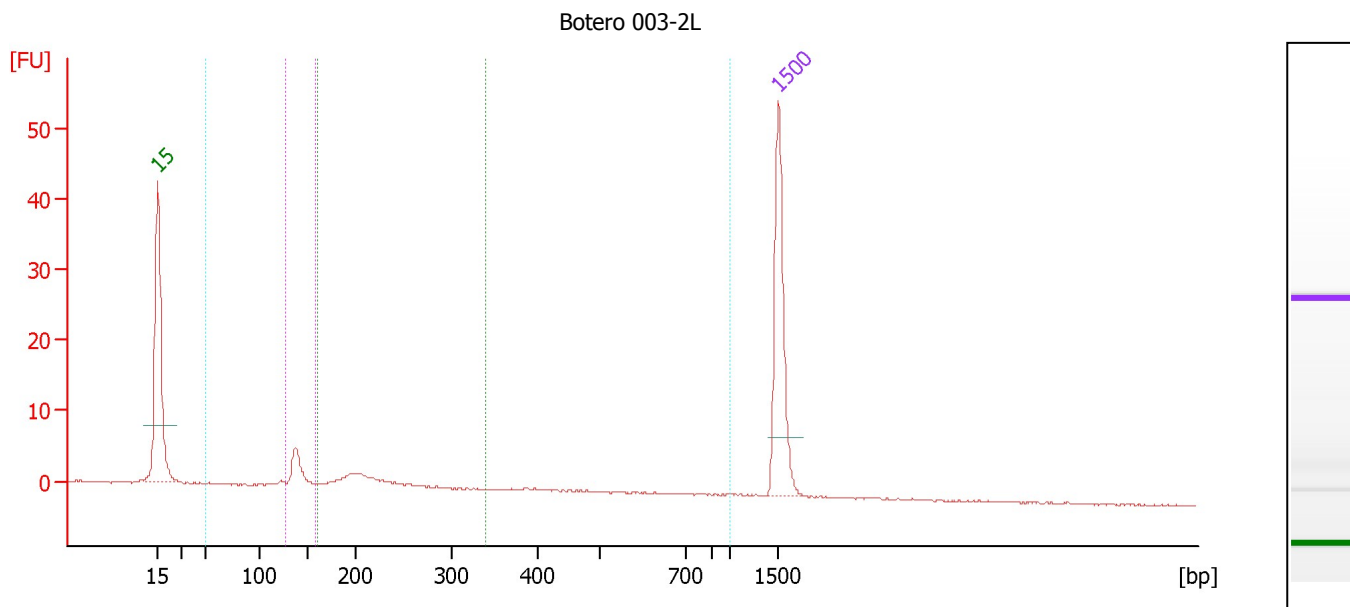
### Region table for sample 1 : Botero 003-2

From [bp]	To [bp]	Area	% of Total	Average Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Size distribution in CV [%]	Color
50	160	8.9	16	127	0.77	9.8	20.5	Blue
50	1,000	48.3	86	243	3.32	26.0	50.7	Cyan
128	159	6.3	11	141	0.53	5.7	4.3	Magenta
160	340	34.6	61	232	2.32	15.5	14.7	Green

Assay Class: DNA 1000  
 Data Path: C:\...7-08-03\Agilent\_DNA 1000\_DE20901513\_2017-08-03\_13-25-37.xad

Created: 8/3/2017 1:25:37 PM  
 Modified: 8/3/2017 2:17:46 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 4 : Botero 003-2L

Number of peaks found:	0	Area 3:	17.2
Area 1:	6.1	Area 4:	5.2
Area 2:	9.6		

### Peak table for sample 4 : Botero 003-2L

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

### Region table for sample 4 : Botero 003-2L

From [bp]	To [bp]	Area	% of Total	Average Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Size distribution in CV [%]	Color
50	160	6.1	34	136	0.57	6.6	12.0	Blue
50	1,000	17.2	96	211	1.39	12.1	47.0	Cyan
128	159	5.2	29	140	0.49	5.3	4.0	Magenta
160	340	9.6	53	217	0.74	5.2	15.1	Green

Assay Class: DNA 1000  
Data Path: C:\...7-08-03\Agilent\_DNA 1000\_DE20901513\_2017-08-03\_13-25-37.xad

Created: 8/3/2017 1:25:37 PM  
Modified: 8/3/2017 2:17:46 PM

**Gel Image**