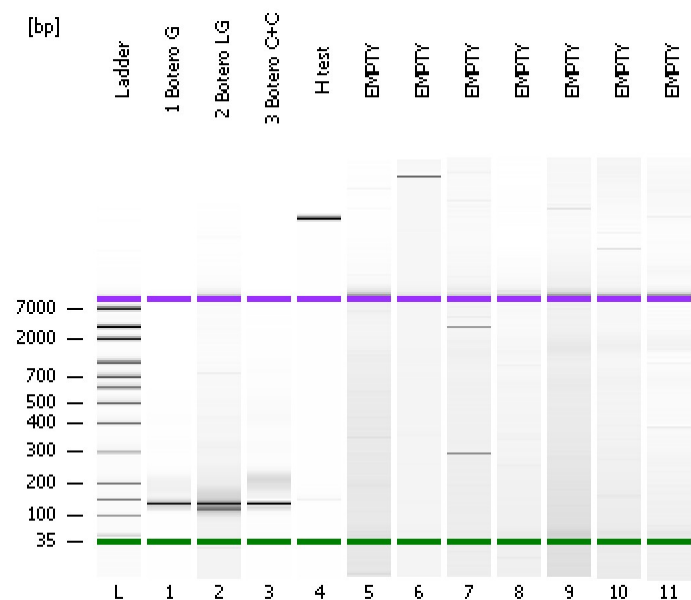


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE20901513_2018-03-14_10-36-04.xad

Created: 3/14/2018 10:36:04 AM
Modified: 3/14/2018 11:24:26 AM

Electrophoresis File Run Summary



Instrument Information:

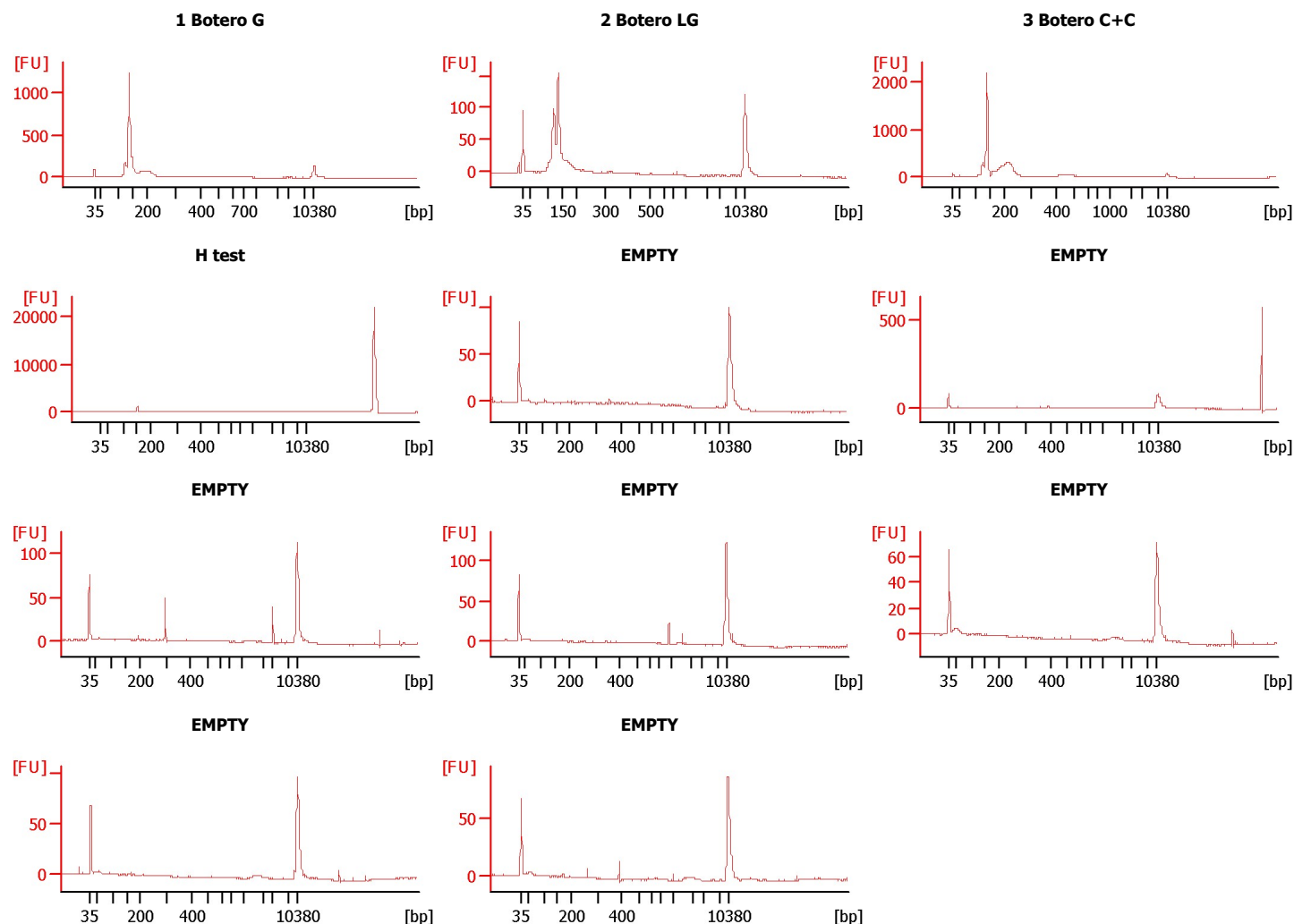
Instrument Name: DE20901513 Firmware: C.01.069
Serial#: DE20901513 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE20901513_2018-03-14_10-36-04.xad

Created: 3/14/2018 10:36:04 AM
Modified: 3/14/2018 11:24:26 AM

Electrophoresis File Run Summary (Chip Summary)

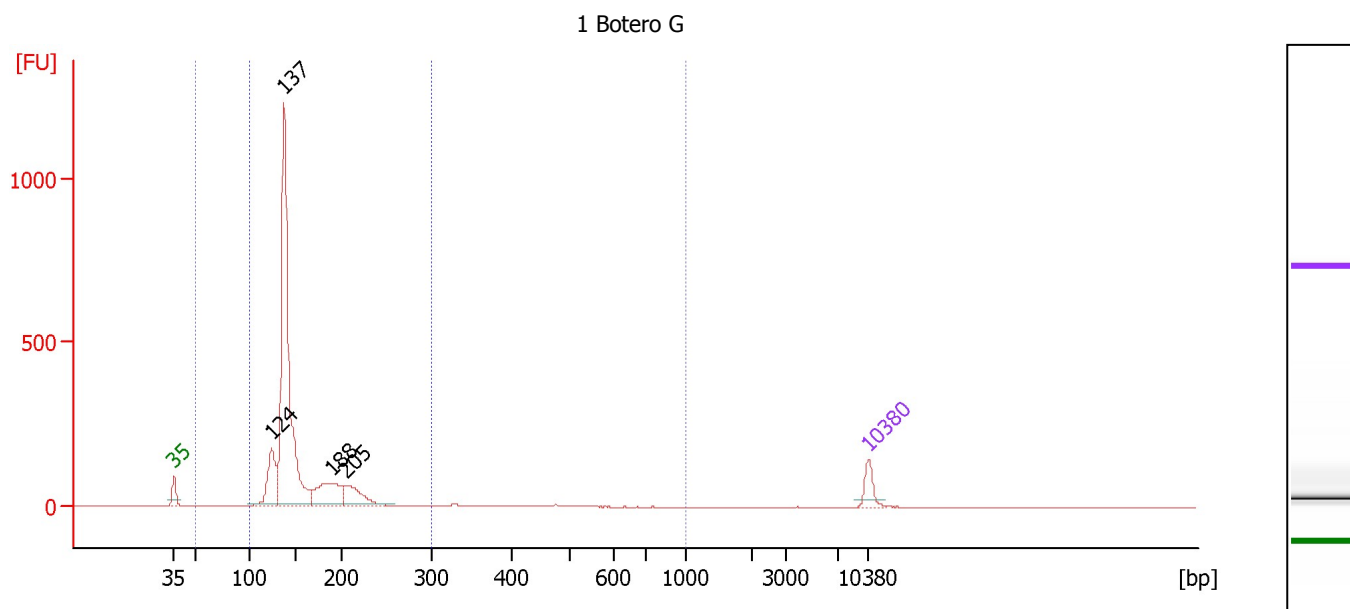
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1 Botero G		<input type="checkbox"/>	✓			
2 Botero LG		<input type="checkbox"/>	✓			
3 Botero C+C		<input type="checkbox"/>	✓			
H test		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
EMPTY		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			
Chip Lot #			Reagent Kit Lot #			

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901513_2018-03-14_10-36-04.xad

Created: 3/14/2018 10:36:04 AM
 Modified: 3/14/2018 11:24:26 AM

Electropherogram Summary



Overall Results for sample 1 : 1 Botero G

Number of peaks found: 4 Corr. Area 1: 2,919.4
 Noise: 0.3 Corr. Area 2: 2,832.7

Peak table for sample 1 : 1 Botero G

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	124	398.24	4,881.7	
3	137	2,234.73	24,754.1	
4	188	353.02	2,844.1	
5	205	230.62	1,703.4	
6	10,380	75.00	10.9	Upper Marker

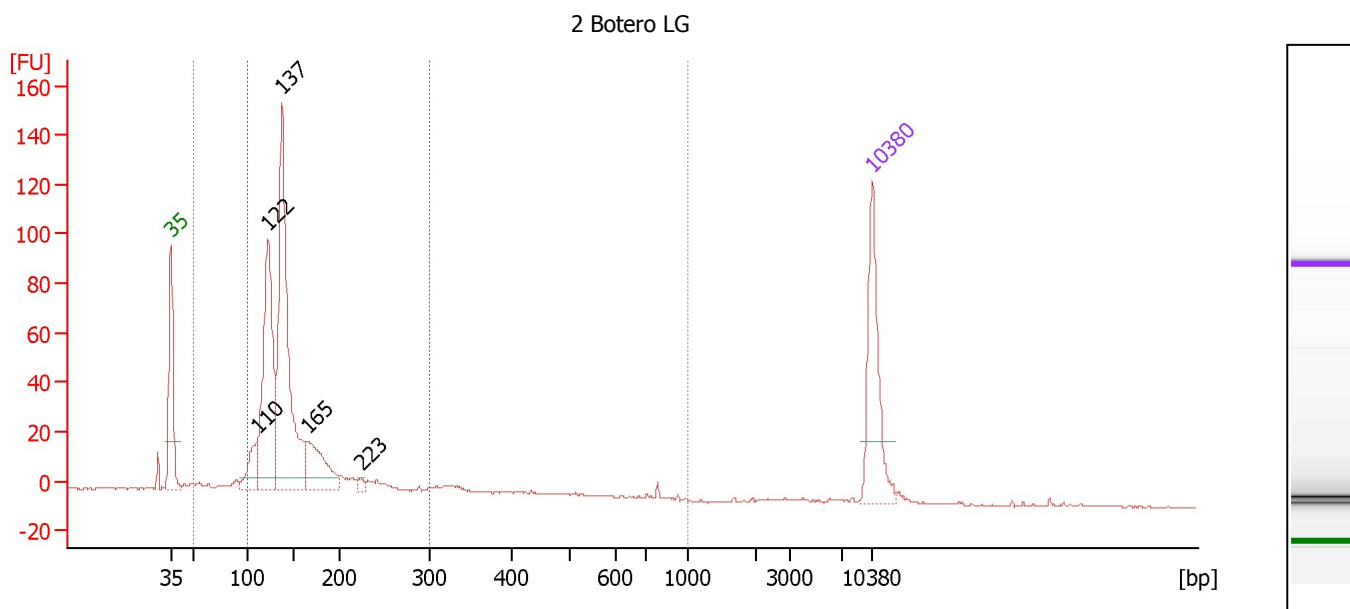
Region table for sample 1 : 1 Botero G

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	1,000	2,919.4	99	159	34.3	3,303.19	34,024.0	Blue
100	300	2,832.7	96	152	18.9	3,223.15	33,386.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901513_2018-03-14_10-36-04.xad

Created: 3/14/2018 10:36:04 AM
 Modified: 3/14/2018 11:24:26 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 2 Botero LG

Number of peaks found: 5 Corr. Area 1: 722.8
 Noise: 0.3 Corr. Area 2: 671.2

Peak table for sample 2 : 2 Botero LG

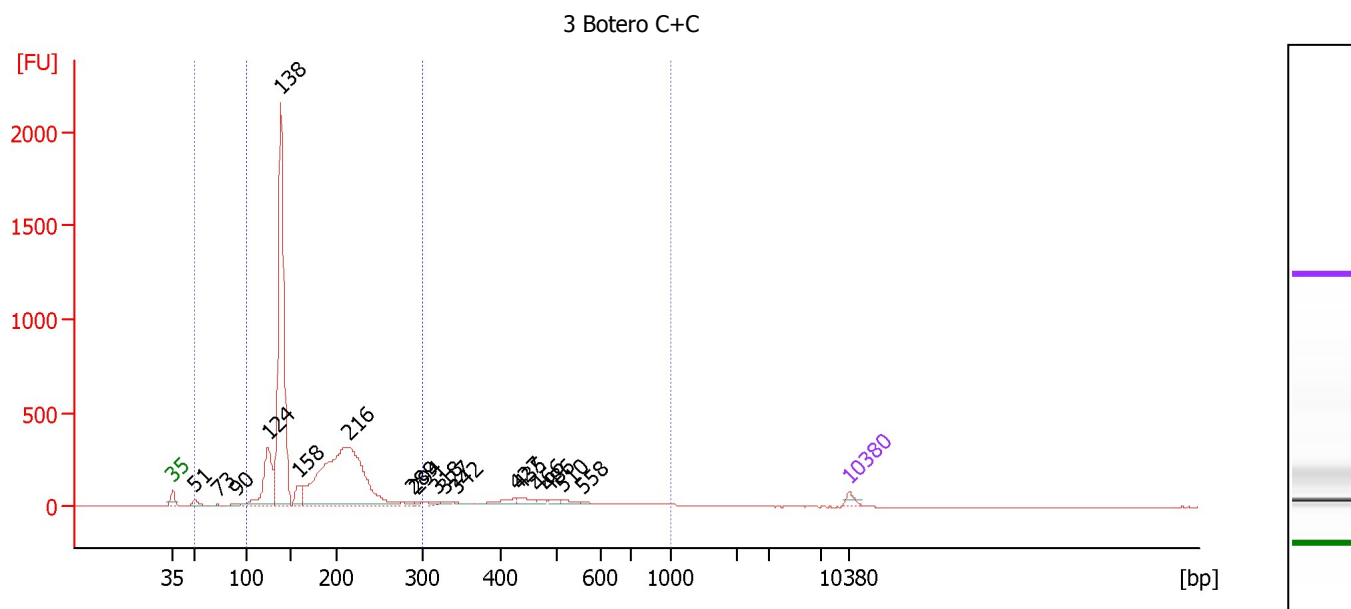
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	110	41.58	573.1	
3	122	233.86	2,906.6	
4	137	336.75	3,731.8	
5	165	79.86	733.4	
6	223	4.71	32.0	
7	10,380	75.00	10.9	Upper Marker

Region table for sample 2 : 2 Botero LG

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	1,000	722.8	98	159	49.7	775.09	8,480.7	Blue
100	300	671.2	91	145	22.8	725.74	7,902.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901513_2018-03-14_10-36-04.xad

Created: 3/14/2018 10:36:04 AM
 Modified: 3/14/2018 11:24:26 AM

Electropherogram Summary Continued ...**Overall Results for sample 3 : 3 Botero C+C**

Number of peaks found: 18 Corr. Area 1: 7,089.5
 Noise: 0.5 Corr. Area 2: 6,213.8

Peak table for sample 3 : 3 Botero C+C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	51	131.47	3,928.1	
3	73	27.40	572.5	
4	90	44.90	758.0	
5	124	1,607.48	19,644.7	
6	138	6,709.27	73,616.6	
7	158	359.47	3,441.5	
8	216	5,600.93	39,365.1	
9	289	37.81	198.1	
10	294	35.62	183.5	
11	318	59.09	281.3	
12	327	54.17	251.0	
13	342	42.38	187.9	
14	427	165.36	586.8	
15	435	130.25	454.1	
16	466	65.89	214.3	
17	486	61.92	193.1	
18	510	71.76	213.3	
19	558	18.14	49.2	
20	10,380	75.00	10.9	Upper Marker

Region table for sample 3 : 3 Botero C+C

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	1,000	7,089.5	99	216	61.4	16,571.46	152,964.3	Blue
100	300	6,213.8	87	171	24.3	14,909.70	142,132.7	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE20901513_2018-03-14_10-36-04.xad

Created: 3/14/2018 10:36:04 AM
Modified: 3/14/2018 11:24:26 AM

Gel Image