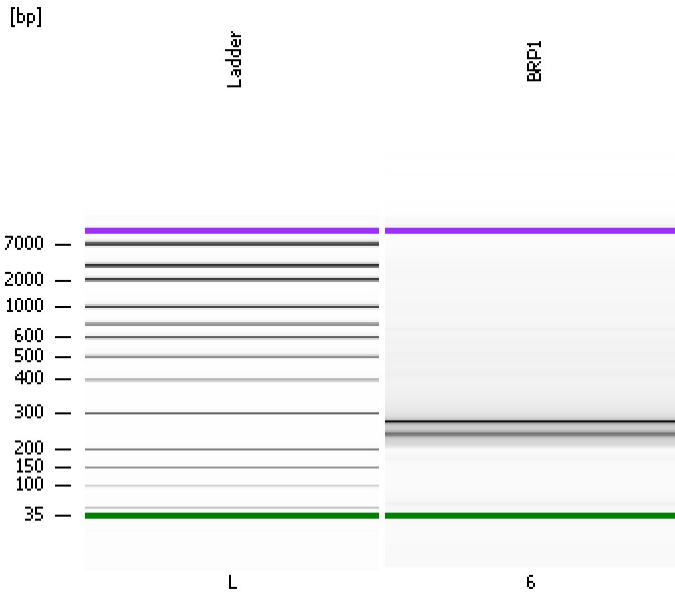


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...alyzer\2100 expert\data\2017-04-21\2017-04-21\_001\_QC163.xad

Created: 4/21/2017 9:56:37 AM  
Modified: 4/21/2017 10:31:02 AM

**Electrophoresis File Run Summary**



Instrument Information:

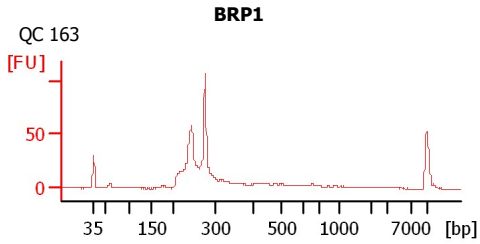
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

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:\...alyzer\2100 expert\data\2017-04-21\2017-04-21\_001\_QC163.xad

Created: 4/21/2017 9:56:37 AM  
Modified: 4/21/2017 10:31:02 AM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
BRP1	QC 163	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

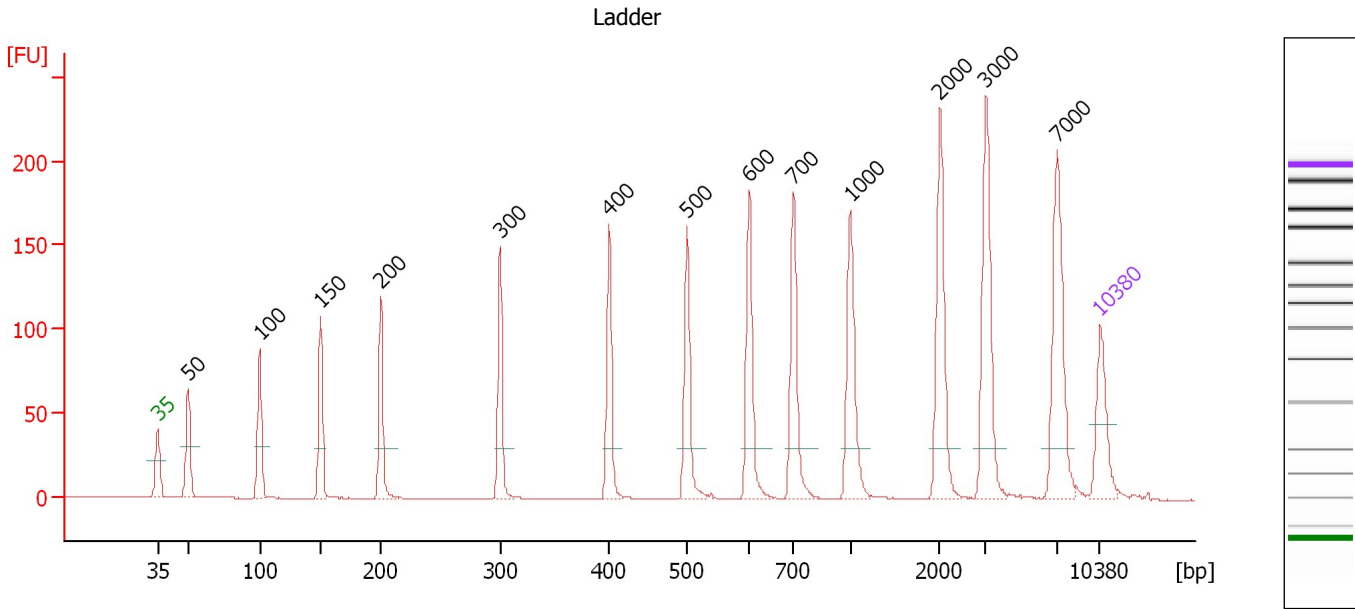
**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...alyzer\2100 expert\data\2017-04-21\2017-04-21\_001\_QC163.xad

Created: 4/21/2017 9:56:37 AM  
 Modified: 4/21/2017 10:31:02 AM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

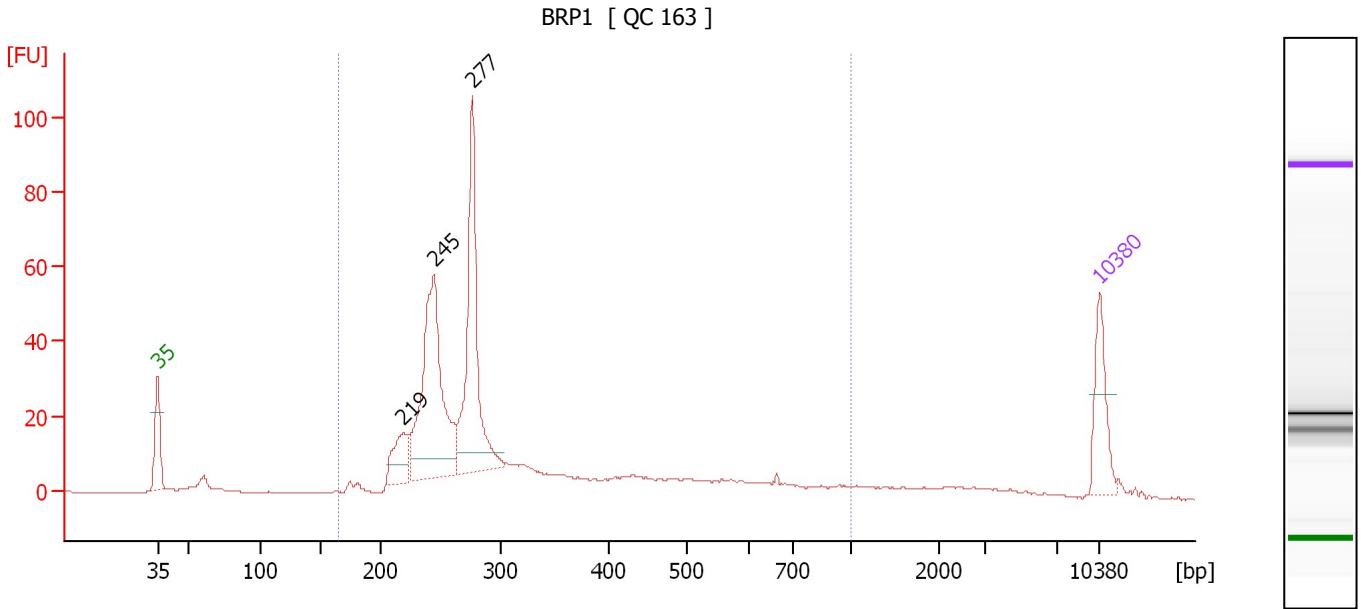
**Peak table for Ladder**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.25
3	100	150.00	2,272.7	Ladder Peak	50.57
4	150	150.00	1,515.2	Ladder Peak	55.11
5	200	150.00	1,136.4	Ladder Peak	59.61
6	300	150.00	757.6	Ladder Peak	68.44
7	400	150.00	568.2	Ladder Peak	76.53
8	500	150.00	454.5	Ladder Peak	82.33
9	600	150.00	378.8	Ladder Peak	86.96
10	700	150.00	324.7	Ladder Peak	90.24
11	1,000	150.00	227.3	Ladder Peak	94.44
12	2,000	150.00	113.6	Ladder Peak	101.10
13	3,000	150.00	75.8	Ladder Peak	104.52
14	7,000	150.00	32.5	Ladder Peak	109.84
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...alyzer\2100 expert\data\2017-04-21\2017-04-21\_001\_QC163.xad

Created: 4/21/2017 9:56:37 AM  
 Modified: 4/21/2017 10:31:02 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : BRP1**

Number of peaks found: 3                      Corr. Area 1: 521.6  
 Noise: 0.2

**Peak table for sample 6 : BRP1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	219	78.59	544.7		61.25
3	245	414.64	2,569.3		63.54
4	277	346.54	1,895.1		66.41
5	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 6 : BRP1**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
165	1,000	329	521.6	7,497.2	1,395.96	90	43.5

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...alyzer\2100 expert\data\2017-04-21\2017-04-21\_001\_QC163.xad

Created: 4/21/2017 9:56:37 AM  
Modified: 4/21/2017 10:31:02 AM

**Gel Image**

