

Assay Class: High Sensitivity DNA Assay
Data Path: Y:\...\White- BS1512183-12232015\LibraryQC-BS1512183-12232015.xad

Created: 12/23/2015 2:08:48 PM
Modified: 12/23/2015 3:33:39 PM

Electrophoresis File Run Summary

Instrument Information:

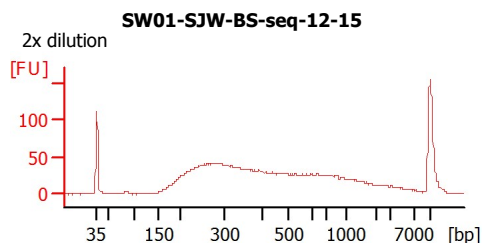
Instrument Name: DE13804761 Firmware: C.01.069
Serial#: DE13804761 Type: G2939A

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:



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Electrophoresis File Run Summary (Chip Summary)

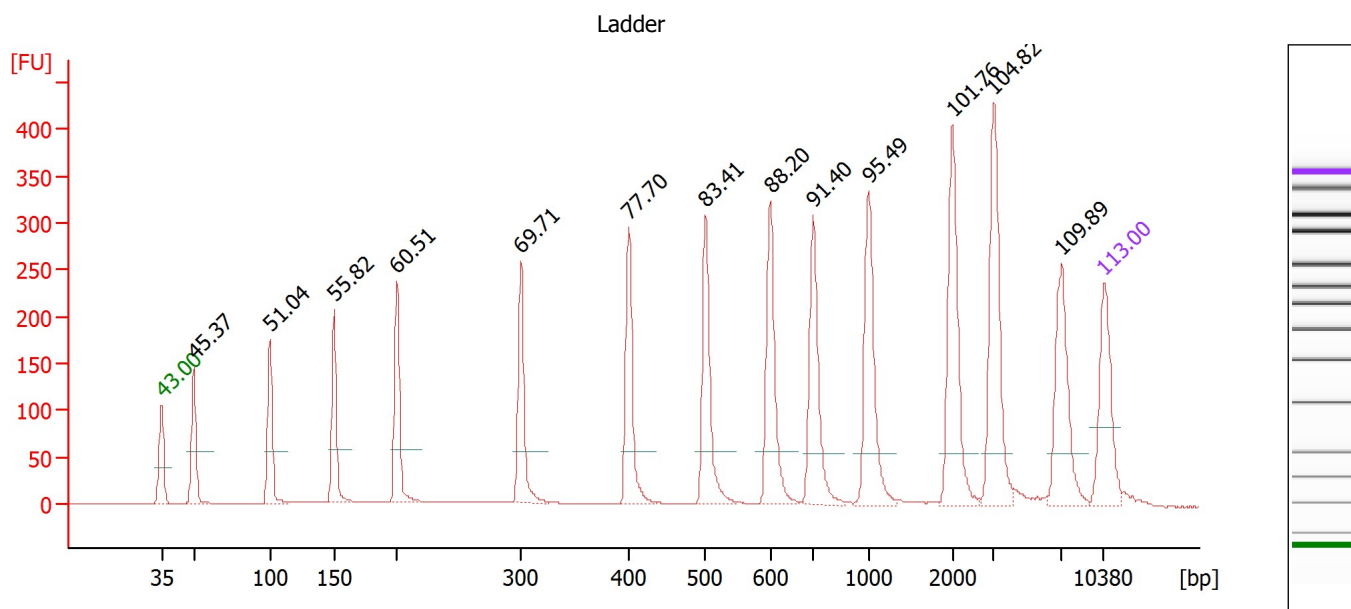
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SW01-SJW-BS 2x		<input type="checkbox"/>	✓			
-seq-12-15	dilution					
Ladder		<input type="checkbox"/>	✓			

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

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Electropherogram Summary



Overall Results for Ladder

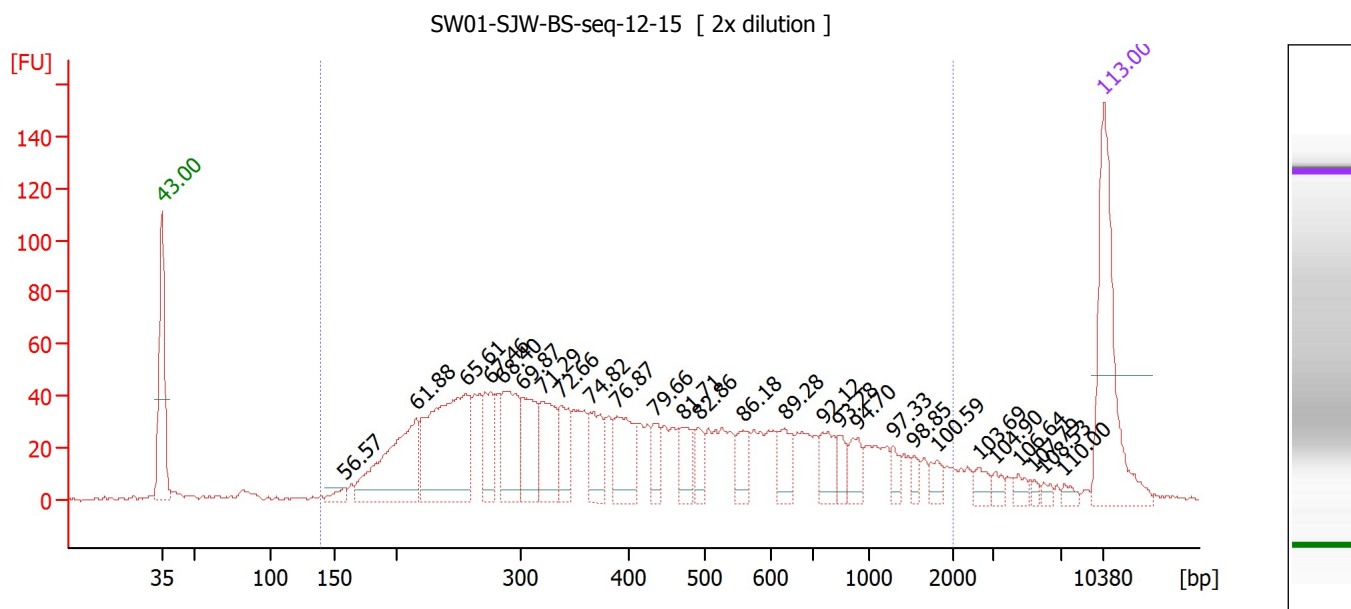
Noise: 0.3

Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

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Electropherogram Summary Continued ...**Overall Results for sample 11 : SW01-SJW-BS-seq-12-15**

Number of peaks found: 27 Corr. Area 1: 1,657.2
Noise: 0.9

Peak table for sample 11 : SW01-SJW-BS-seq-12-15

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	158	7.16	68.7	
3	215	103.87	732.4	
4	255	142.64	845.9	
5	275	36.23	199.3	
6	286	60.16	319.0	
7	302	47.10	236.2	
8	320	44.92	212.8	
9	337	30.27	136.1	
10	364	29.44	122.6	
11	390	40.07	155.8	
12	434	15.63	54.5	
13	470	21.99	70.9	
14	490	14.15	43.7	
15	558	17.08	46.4	
16	634	18.86	45.1	
17	753	20.86	42.0	
18	838	10.11	18.3	
19	942	14.30	23.0	
20	1,293	7.09	8.3	
21	1,537	5.51	5.4	
22	1,813	7.57	6.3	
23	2,630	6.61	3.8	
24	3,060	4.85	2.4	
25	4,431	4.84	1.7	
26	5,345	2.46	0.7	

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Electropherogram Summary Continued ...**... Peak table for sample 11 : SW01-SJW-BS-seq-12-15**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	5,927	3.10	0.8	
28	7,124	3.64	0.8	
29	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : SW01-SJW-BS-seq-12-15

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	% of Total
140	1,996	507	1,006.44	4,567.6	90