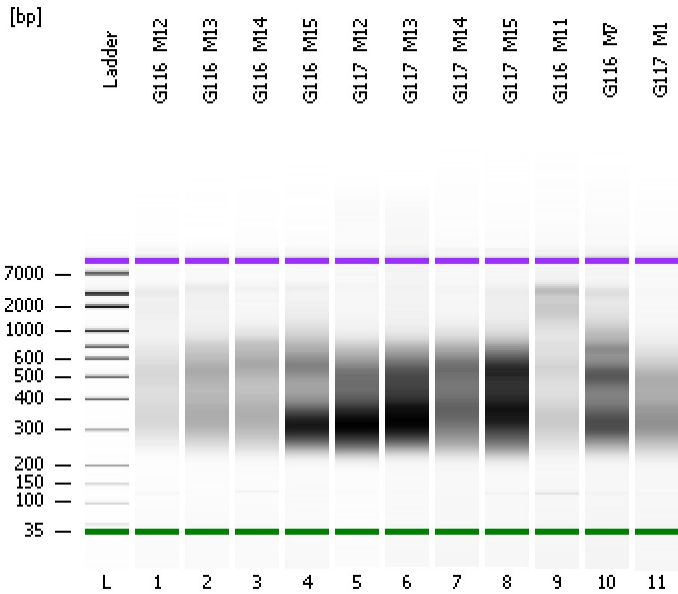


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
Modified: 5/5/2015 10:21:32 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72900959 Firmware: C.01.069
Serial#: DE72900959 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

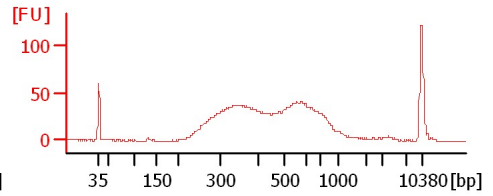
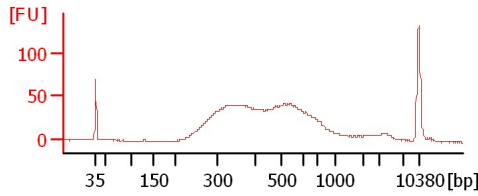
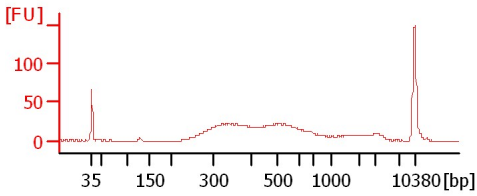
Chip Information:

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

G116_M12

G116_M13

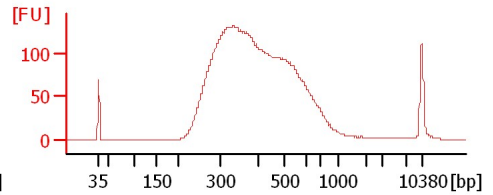
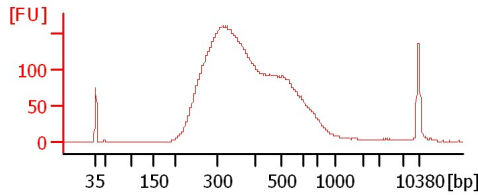
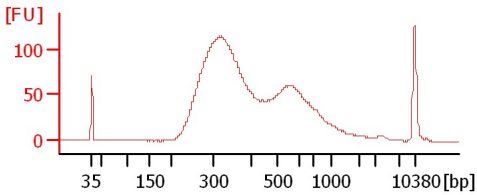
G116_M14



G116_M15

G117_M12

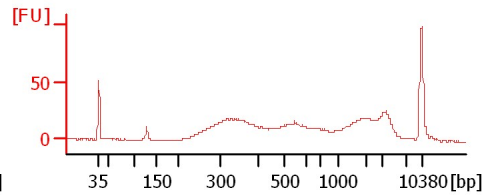
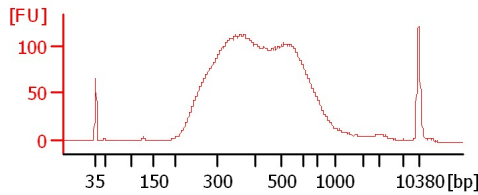
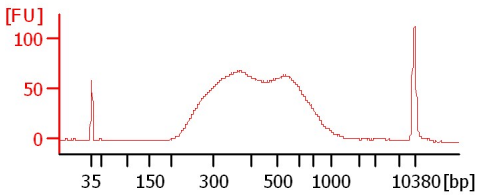
G117_M13



G117_M14

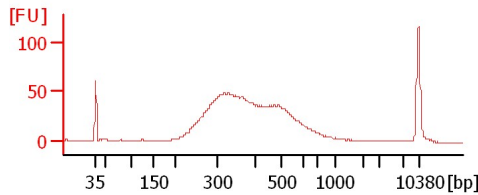
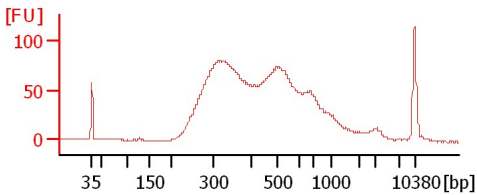
G117_M15

G116_M11



G116_M7

G117_M1



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
 Modified: 5/5/2015 10:21:32 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
G116_M12		<input type="checkbox"/>		✓		
G116_M13		<input type="checkbox"/>		✓		
G116_M14		<input type="checkbox"/>		✓		
G116_M15		<input type="checkbox"/>		✓		
G117_M12		<input type="checkbox"/>		✓		
G117_M13		<input type="checkbox"/>		✓		
G117_M14		<input type="checkbox"/>		✓		
G117_M15		<input type="checkbox"/>		✓		
G116_M11		<input type="checkbox"/>		✓		
G116_M7		<input type="checkbox"/>		✓		
G117_M1		<input type="checkbox"/>		✓		
Ladder		<input type="checkbox"/>		✓		

Chip Lot #

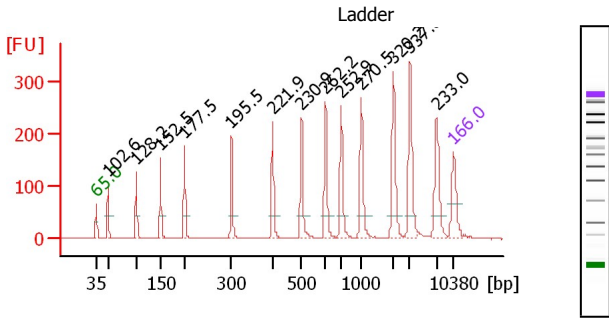
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
 Modified: 5/5/2015 10:21:32 AM

Electropherogram Summary



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

Overall Results for Ladder

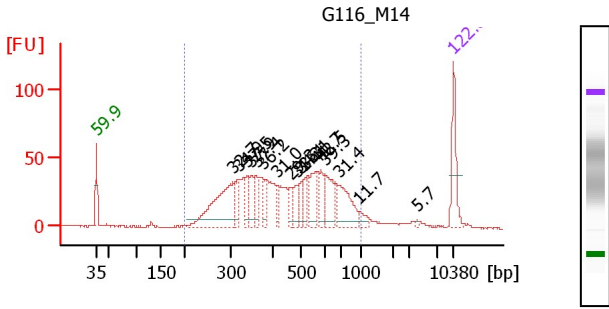
Noise: 0.4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
 Modified: 5/5/2015 10:21:32 AM

Electropherogram Summary Continued ...



Peak table for sample 3 :

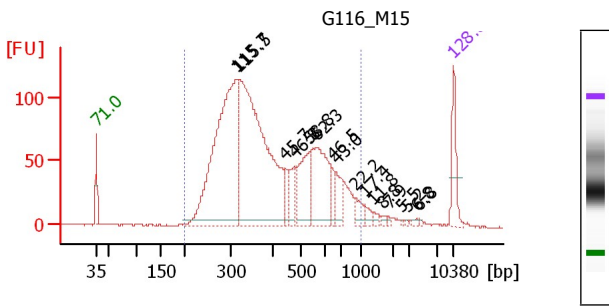
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	304	248.99	1,240.0	
3	316	46.24	221.4	
4	339	54.14	242.0	
5	347	53.59	233.7	
6	360	40.61	171.1	
7	377	37.40	150.2	
8	418	26.04	94.5	
9	465	31.34	102.0	
10	484	39.99	125.2	
11	500	32.33	97.9	
12	517	29.77	87.2	
13	560	71.97	194.8	
14	580	37.63	98.2	
15	597	77.17	195.8	
16	687	103.43	228.2	
17	978	16.11	25.0	
18	4,010	3.05	1.2	
19	10,380	75.00	10.9	Upper Marker

Overall Results for sample 3 : G116 M14

Number of peaks found: 17
 Noise: 0.4
 Corr. Area 1: 1,254.9

Region table for sample 3 : G116 M14

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,254.9	93	468	34.6	1,317.97	5,030.1	Blue



Peak table for sample 4 :

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	314	889.35	4,294.4	
3	319	1,023.11	4,863.6	
4	445	52.75	179.8	
5	474	65.75	210.2	
6	531	144.96	413.9	
7	564	252.88	678.8	
8	646	28.54	66.9	
9	669	64.11	145.2	
10	914	29.69	49.2	
11	1,121	19.19	25.9	
12	1,389	11.00	12.0	
13	1,665	6.18	5.6	
14	1,838	4.17	3.4	
15	2,491	2.26	1.4	
16	2,808	2.51	1.4	
17	4,000	5.83	2.2	
18	4,418	3.28	1.1	
19	10,380	75.00	10.9	Upper Marker

Overall Results for sample 4 : G116 M15

Number of peaks found: 17
 Noise: 0.4
 Corr. Area 1: 2,670.5

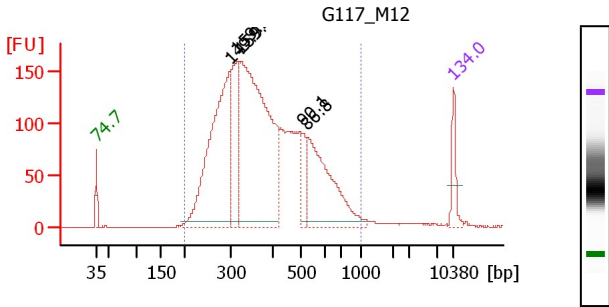
Region table for sample 4 : G116 M15

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,670.5	95	419	36.6	2,629.37	11,098.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
 Modified: 5/5/2015 10:21:32 AM

Electropherogram Summary Continued ...



Peak table for sample 5 : G117 M12

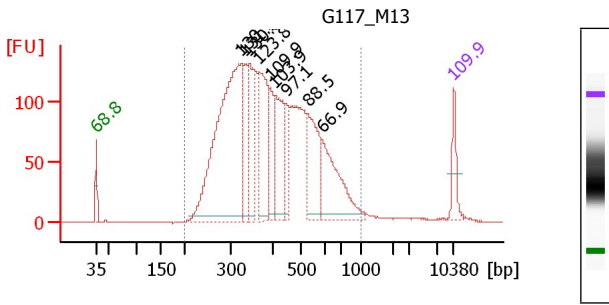
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	296	1,048.81	5,361.3	
3	313	378.76	1,831.4	
4	321	1,528.91	7,219.9	
5	508	105.68	315.4	
6	523	530.61	1,538.2	
7	10,380	75.00	10.9	Upper Marker

Overall Results for sample 5 : G117 M12

Number of peaks found: 5
 Noise: 0.4
 Corr. Area 1: 4,018.1

Region table for sample 5 : G117 M12

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	4,018.1	97	397	32.3	3,985.76	17,218.7	Blue



Peak table for sample 6 : G117 M13

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	323	1,334.65	6,260.0	
3	333	213.74	974.0	
4	344	277.77	1,223.8	
5	368	415.50	1,711.1	
6	394	152.46	585.6	
7	410	280.97	1,038.4	
8	446	130.14	441.8	
9	526	292.19	841.1	
10	586	317.61	821.5	
11	10,380	75.00	10.9	Upper Marker

Overall Results for sample 6 : G117 M13

Number of peaks found: 9
 Noise: 0.4
 Corr. Area 1: 3,598.7

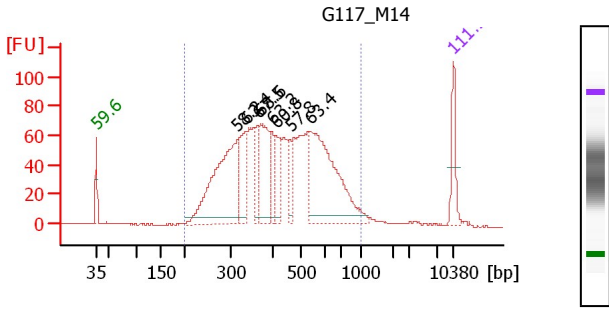
Region table for sample 6 : G117 M13

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	3,598.7	96	417	31.4	4,165.31	17,121.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
 Modified: 5/5/2015 10:21:32 AM

Electropherogram Summary Continued ...



Peak table for sample 7 :

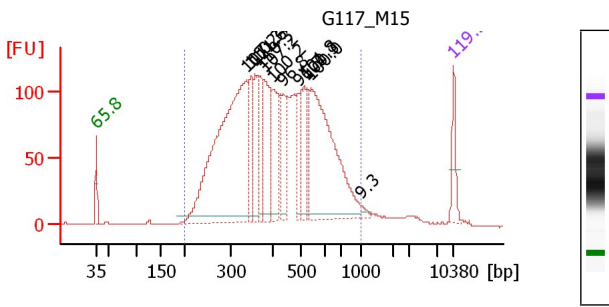
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	314	540.17	2,602.9	
3	336	176.81	797.4	
4	366	79.10	327.7	
5	371	226.31	924.9	
6	399	77.10	292.6	
7	413	82.23	301.6	
8	462	51.96	170.5	
9	537	490.58	1,384.8	
10	10,380	75.00	10.9	Upper Marker

Overall Results for sample 7 : G117 M14

Number of peaks found: 8
 Noise: 0.3
 Corr. Area 1: 2,089.2

Region table for sample 7 : G117 M14

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,089.2	97	442	32.4	2,358.72	9,290.1	Blue



Peak table for sample 8 :

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	337	1,293.50	5,823.6	
3	349	197.56	858.6	
4	358	205.72	870.3	
5	371	116.69	476.7	
6	379	268.37	1,072.5	
7	400	234.23	886.8	
8	436	156.65	544.6	
9	488	104.07	323.4	
10	510	153.25	455.5	
11	521	95.96	279.3	
12	540	723.99	2,030.5	
13	1,016	12.10	18.0	
14	10,380	75.00	10.9	Upper Marker

Overall Results for sample 8 : G117 M15

Number of peaks found: 12
 Noise: 0.3
 Corr. Area 1: 3,454.1

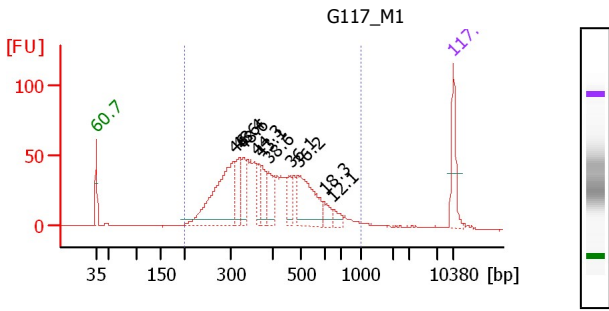
Region table for sample 8 : G117 M15

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	3,454.1	96	435	32.3	4,112.88	16,463.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
 Modified: 5/5/2015 10:21:32 AM

Electropherogram Summary Continued ...



Peak table for sample 11 :

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	306	364.36	1,804.0	
3	320	92.43	438.3	
4	329	67.23	309.5	
5	363	46.84	195.4	
6	373	66.54	270.0	
7	391	63.50	246.2	
8	461	44.92	147.7	
9	488	181.41	563.5	
10	594	33.10	84.5	
11	653	21.44	49.7	
12	10,380	75.00	10.9	Upper Marker

Overall Results for sample 11 : G117 M1

Number of peaks found: 10
 Noise: 0.2
 Corr. Area 1: 1,266.8

Region table for sample 11 : G117 M1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,266.8	95	406	31.2	1,398.07	5,882.4	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72900959_2015-05-05_09-40-11.xad

Created: 5/5/2015 9:40:10 AM
Modified: 5/5/2015 10:21:32 AM

Gel Image

