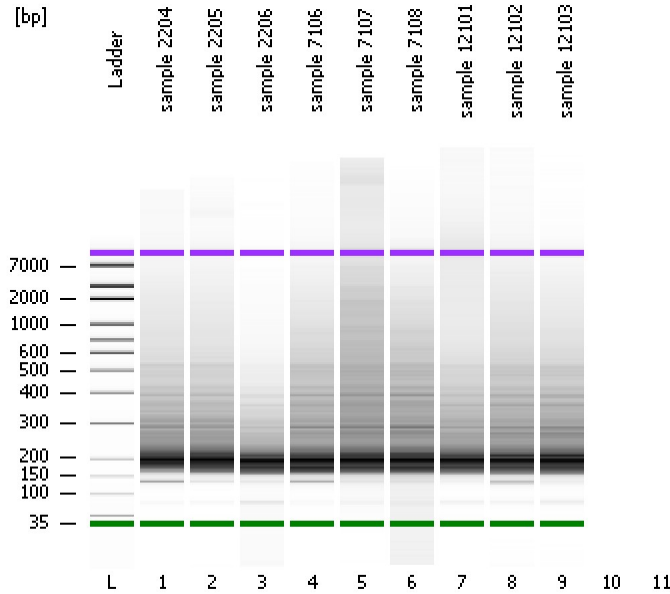


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-24\2017-04-24_001.xad

Created: 4/24/2017 11:01:19 AM
Modified: 4/24/2017 11:36:55 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

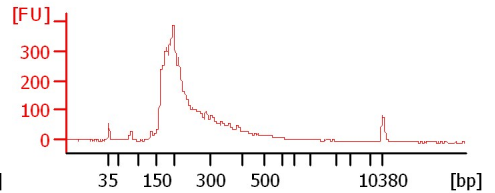
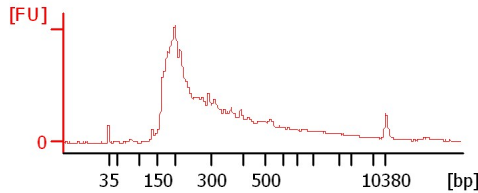
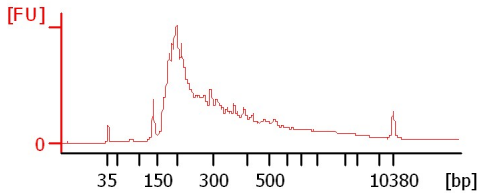
Chip Information:

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

sample 2204

sample 2205

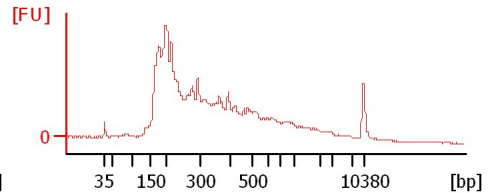
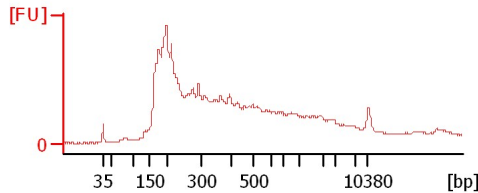
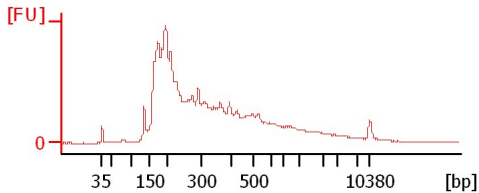
sample 2206



sample 7106

sample 7107

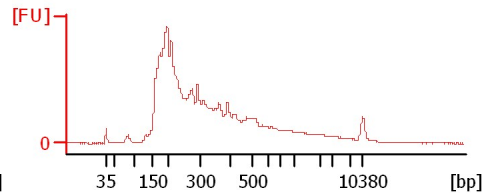
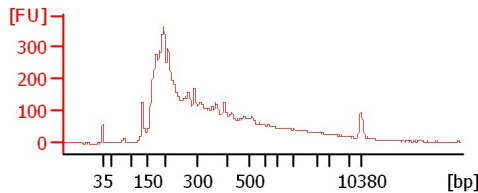
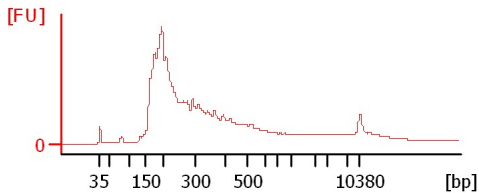
sample 7108



sample 12101

sample 12102

sample 12103



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-24\2017-04-24_001.xad

Created: 4/24/2017 11:01:19 AM
 Modified: 4/24/2017 11:36:55 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 2204		<input type="checkbox"/>	✓			
sample 2205		<input type="checkbox"/>	✓			
sample 2206		<input type="checkbox"/>	✓			
sample 7106		<input type="checkbox"/>	✓			
sample 7107		<input type="checkbox"/>	✓			
sample 7108		<input type="checkbox"/>	✓			
sample 12101		<input type="checkbox"/>	✓			
sample 12102		<input type="checkbox"/>	✓			
sample 12103		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

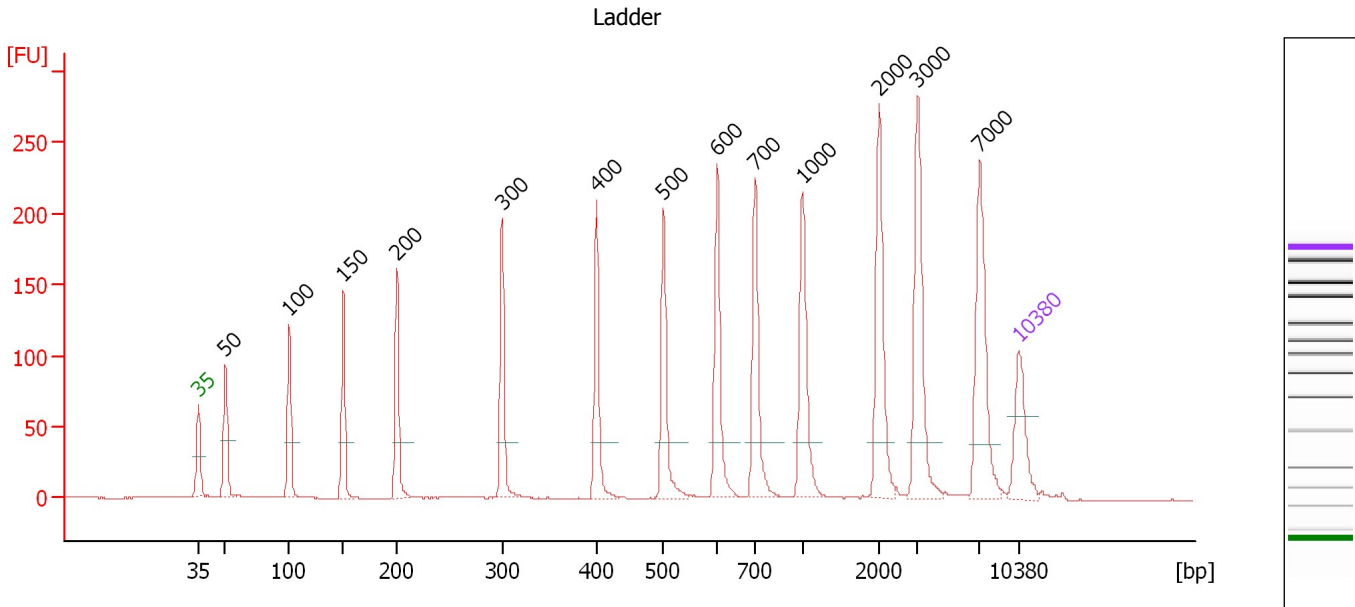
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-24\2017-04-24_001.xad

Created: 4/24/2017 11:01:19 AM
 Modified: 4/24/2017 11:36:55 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

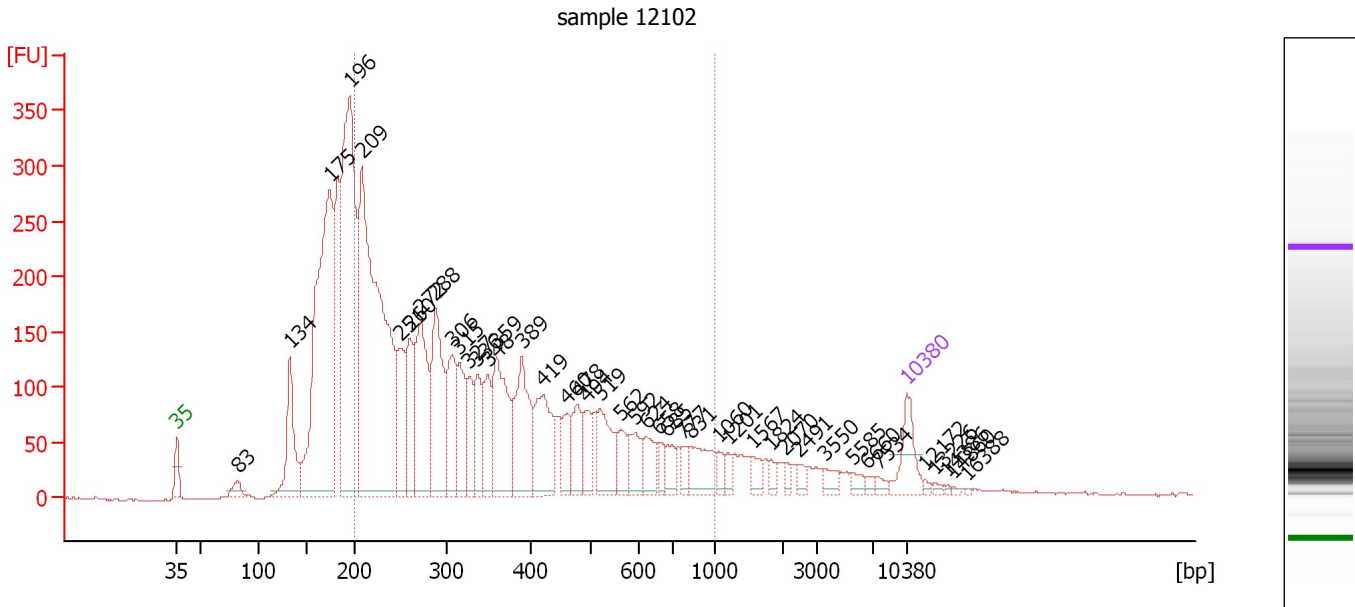
Peak table for Ladder

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	45.28
3	100	150.00	2,272.7	Ladder Peak	50.74
4	150	150.00	1,515.2	Ladder Peak	55.34
5	200	150.00	1,136.4	Ladder Peak	59.94
6	300	150.00	757.6	Ladder Peak	68.91
7	400	150.00	568.2	Ladder Peak	76.98
8	500	150.00	454.5	Ladder Peak	82.71
9	600	150.00	378.8	Ladder Peak	87.27
10	700	150.00	324.7	Ladder Peak	90.55
11	1,000	150.00	227.3	Ladder Peak	94.55
12	2,000	150.00	113.6	Ladder Peak	101.11
13	3,000	150.00	75.8	Ladder Peak	104.39
14	7,000	150.00	32.5	Ladder Peak	109.72
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-24\2017-04-24_001.xad

Created: 4/24/2017 11:01:19 AM
 Modified: 4/24/2017 11:36:55 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 12102

Number of peaks found: 43 Corr. Area 1: 4,790.9
 Noise: 1.0

Peak table for sample 8 : sample 12102

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	83	38.99	712.0		48.88
3	134	254.17	2,881.0		53.84
4	175	1,156.24	9,990.4		57.67
5	196	1,039.62	8,017.2		59.62
6	209	1,423.00	10,319.8		60.74
7	251	188.64	1,140.9		64.48
8	260	192.52	1,120.9		65.34
9	272	352.05	1,963.8		66.37
10	288	336.49	1,772.9		67.80
11	306	199.10	986.4		69.38
12	315	148.08	712.9		70.10
13	327	101.52	470.7		71.07
14	336	129.44	583.2		71.84
15	348	125.60	546.3		72.81
16	359	281.08	1,185.9		73.68
17	389	245.97	958.2		76.08
18	419	208.91	755.1		78.08
19	460	78.55	258.6		80.43
20	478	91.96	291.5		81.45
21	494	84.40	258.8		82.37
22	519	142.72	416.3		83.60
23	562	60.90	164.1		85.54
24	592	74.22	189.8		86.92
25	624	66.04	160.4		88.05

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-24\2017-04-24_001.xad

Created: 4/24/2017 11:01:19 AM
 Modified: 4/24/2017 11:36:55 AM

Electropherogram Summary Continued ...

... Peak table for sample 8 : sample 12102

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	658	33.10	76.2		89.17
27	685	47.41	104.9		90.04
28	777	31.87	62.1		91.58
29	831	95.13	173.5		92.29
30	1,060	27.47	39.3		94.95
31	1,201	19.72	24.9		95.87
32	1,567	29.36	28.4		98.27
33	1,824	18.94	15.7		99.96
34	2,070	12.92	9.5		101.34
35	2,491	15.63	9.5		102.72
36	3,550	24.23	10.3		105.13
37	5,585	16.71	4.5		107.84
38	6,660	10.38	2.4		109.27
39	7,534	11.43	2.3		110.24
40	10,380	75.00	10.9	Upper Marker	113.00
41	12,172	0.00	0.0		114.74
42	13,226	0.00	0.0		115.76
43	14,386	0.00	0.0		116.89
44	14,860	0.00	0.0		117.35
45	16,388	0.00	0.0		118.83

Region table for sample 8 : sample 12102

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	369	4,790.9	25,409.9	5,047.73	65	44.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-04-24\2017-04-24_001.xad

Created: 4/24/2017 11:01:19 AM
Modified: 4/24/2017 11:36:55 AM

Gel Image

