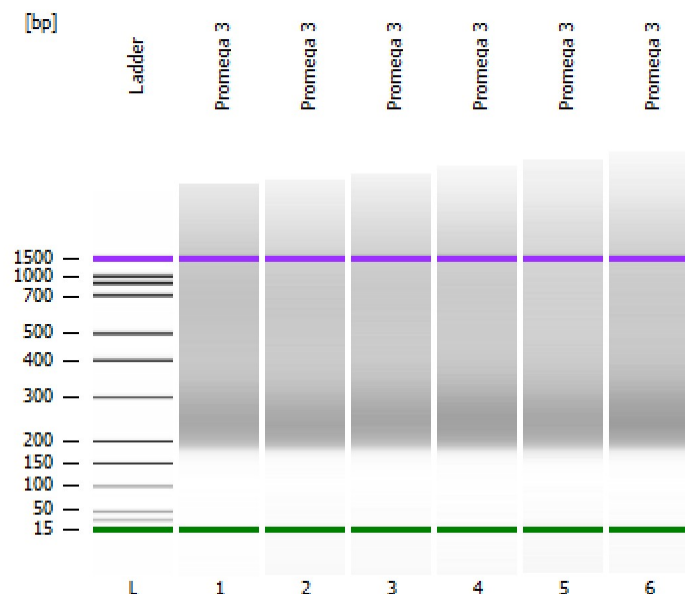


Assay Class: DNA 1000
Data Path: Z:\...S\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72905258 Firmware: C.01.069
Serial#: DE72905258 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\SecuredArea\Method\Templates\dsDNA\DNA 1000 Series II vsv
Assay Class: DNA 1000

Version: 2.3

Assay Comments: DNA Analysis 25 -1000 bp

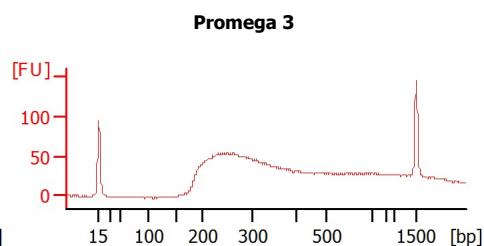
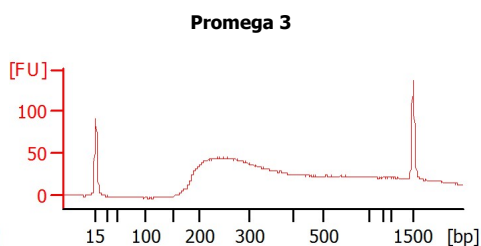
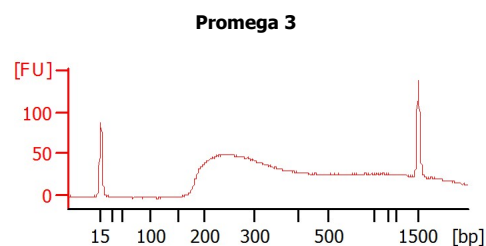
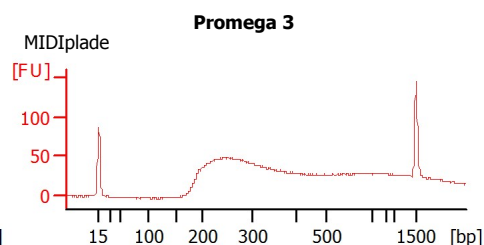
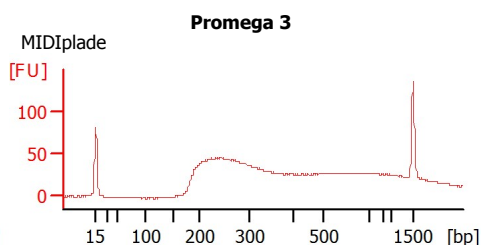
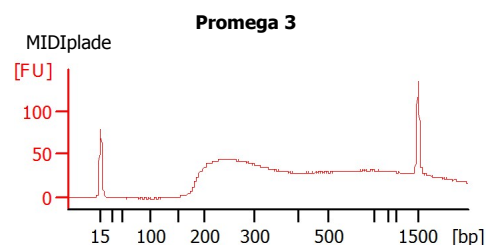
© Copyright 2003-2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #: QK25BK10

Reagent Kit Lot #: 1302

Chip Comments: Chip exp.: 25 okt 2013
Reagents exp.: 07 jan 2014
LHJ



Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Promega 3	MIDIplade	☐	✓			
Promega 3	MIDIplade	☐	✓			
Promega 3	MIDIplade	☐	✓			
Promega 3		☐	✓			
Promega 3		☐	✓			
Promega 3		☐	✓			
Ladder		☐	✓			

Chip Lot #

QK25BK10

Reagent Kit Lot #

1302

Chip Comments :

Chip exp.: 25 okt 2013
Reagens exp.: 07 jan 2014
LHJ

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 30
Maximum Visible Range [s] : 129
Start Analysis Time Range [s] : 30
End Analysis Time Range [s] : 128.95
Ladder Concentration [ng/μl] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 4.2
Upper Marker Concentration [ng/μl] : 2.1
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 30
Integration End Time [s] : 128.95
Slope Threshold : 0.5
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

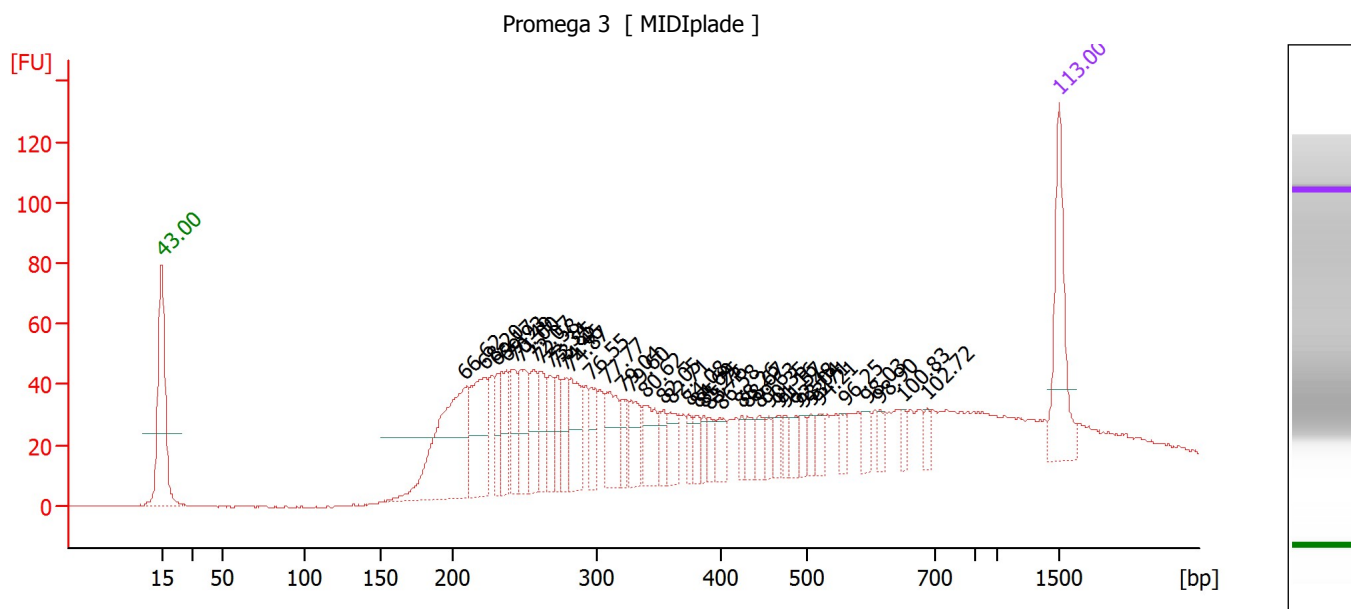
Ladder

Ladder Peak	Size	Area
1	15	25
2	25	26
3	50	34
4	100	41
5	150	45
6	200	52
7	300	63
8	400	76
9	500	83
10	700	88
11	850	86
12	1000	90
13	1500	52

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Electropherogram Summary



Overall Results for sample 1 : Promega 3

Number of peaks found: 39

Peak table for sample 1 : Promega 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	208	3.83	27.8	
3	222	2.18	14.8	
4	231	0.73	4.8	
5	238	0.73	4.6	
6	243	0.87	5.4	
7	247	1.21	7.4	
8	257	0.90	5.3	
9	261	0.81	4.7	
10	268	0.77	4.4	
11	273	0.69	3.8	
12	278	0.62	3.4	
13	282	1.24	6.7	
14	297	0.59	3.0	
15	309	1.11	5.4	
16	322	0.44	2.1	
17	328	0.80	3.7	
18	338	0.95	4.3	
19	353	0.42	1.8	
20	360	0.54	2.3	
21	374	0.31	1.3	
22	381	0.33	1.3	
23	386	0.29	1.1	
24	392	0.34	1.3	
25	400	0.49	1.9	
26	425	0.27	1.0	
27	431	0.37	1.3	

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

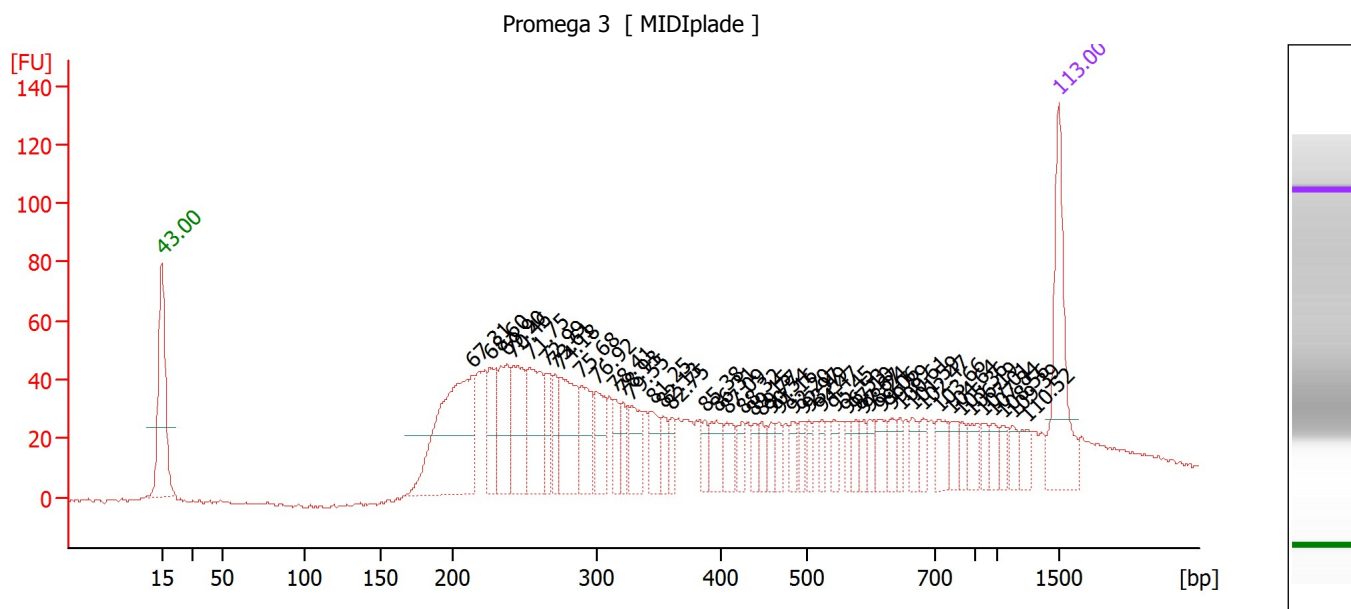
Electropherogram Summary Continued ...**... Peak table for sample 1 : Promega 3**

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
28	445	0.42	1.4	
29	455	0.28	0.9	
30	467	0.36	1.2	
31	473	0.25	0.8	
32	486	0.34	1.1	
33	495	0.27	0.8	
34	506	0.24	0.7	
35	516	0.34	1.0	
36	558	0.29	0.8	
37	594	0.36	0.9	
38	611	0.26	0.6	
39	651	0.23	0.5	
40	689	0.25	0.5	
41	 1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Promega 3

Number of peaks found: 47

Peak table for sample 2 : Promega 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	215	3.87	27.3	
3	226	1.01	6.8	
4	237	1.26	8.0	
5	243	1.48	9.3	
6	254	1.58	9.4	
7	265	0.56	3.2	
8	271	0.55	3.1	
9	276	1.54	8.4	
10	289	1.03	5.4	
11	300	0.82	4.2	
12	315	0.39	1.9	
13	321	0.41	1.9	
14	327	0.74	3.4	
15	345	0.57	2.5	
16	354	0.33	1.4	
17	360	0.32	1.3	
18	388	0.29	1.1	
19	397	0.56	2.1	
20	408	0.44	1.6	
21	426	0.27	1.0	
22	438	0.24	0.8	
23	447	0.31	1.0	
24	458	0.31	1.0	
25	467	0.26	0.8	
26	482	0.23	0.7	
27	494	0.26	0.8	

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

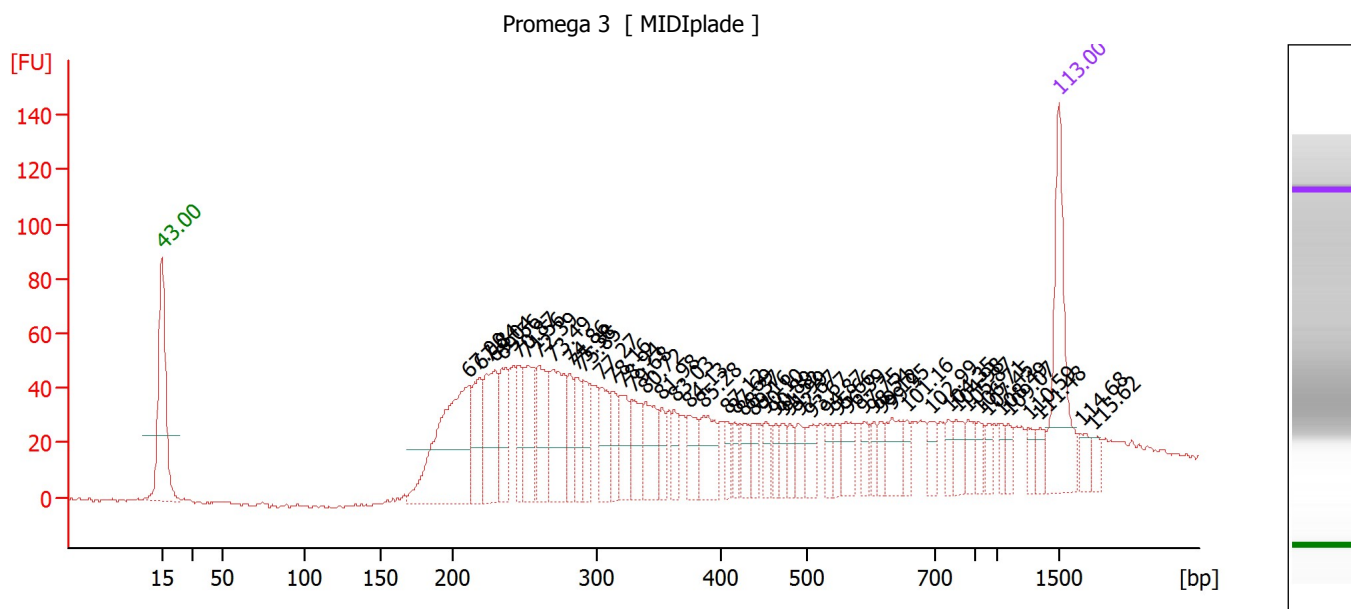
Electropherogram Summary Continued ...**... Peak table for sample 2 : Promega 3**

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
28	501	0.23	0.7	
29	521	0.24	0.7	
30	541	0.30	0.9	
31	563	0.23	0.6	
32	575	0.28	0.7	
33	586	0.23	0.6	
34	598	0.28	0.7	
35	615	0.39	1.0	
36	632	0.32	0.8	
37	646	0.23	0.5	
38	666	0.32	0.7	
39	684	0.32	0.7	
40	719	0.46	1.0	
41	766	0.29	0.6	
42	800	0.24	0.5	
43	840	0.36	0.7	
44	901	0.23	0.4	
45	970	0.28	0.4	
46	1,037	0.25	0.4	
47	1,123	0.28	0.4	
48	1,242	0.33	0.4	
49	 1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Promega 3

Number of peaks found: 48

Peak table for sample 3 : Promega 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	212	3.36	24.1	
3	219	1.04	7.2	
4	230	1.52	10.0	
5	235	1.04	6.7	
6	246	0.71	4.4	
7	252	1.02	6.1	
8	260	1.17	6.8	
9	269	1.64	9.2	
10	282	0.55	3.0	
11	286	0.59	3.1	
12	290	0.68	3.5	
13	304	0.81	4.0	
14	313	0.49	2.4	
15	321	0.68	3.2	
16	329	0.68	3.1	
17	339	0.90	4.0	
18	352	0.38	1.6	
19	363	0.43	1.8	
20	375	0.59	2.4	
21	387	0.82	3.2	
22	408	0.27	1.0	
23	416	0.27	1.0	
24	426	0.39	1.4	
25	438	0.31	1.1	
26	452	0.35	1.2	
27	463	0.27	0.9	

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

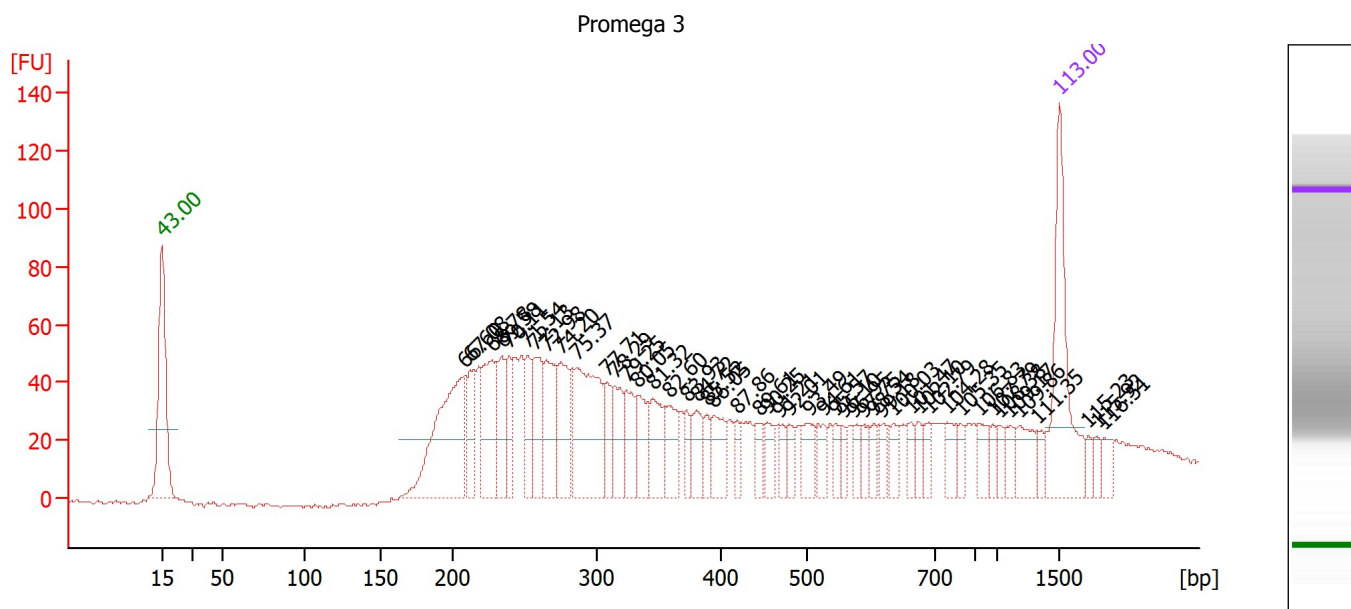
Electropherogram Summary Continued ...**... Peak table for sample 3 : Promega 3**

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
28	472	0.25	0.8	
29	479	0.26	0.8	
30	489	0.36	1.1	
31	505	0.38	1.1	
32	530	0.26	0.7	
33	546	0.28	0.8	
34	560	0.45	1.2	
35	588	0.31	0.8	
36	604	0.25	0.6	
37	616	0.23	0.6	
38	633	0.64	1.5	
39	657	0.30	0.7	
40	695	0.32	0.7	
41	752	0.28	0.6	
42	782	0.42	0.8	
43	825	0.37	0.7	
44	876	0.27	0.5	
45	937	0.24	0.4	
46	1,030	0.21	0.3	
47	1,090	0.22	0.3	
48	1,249	0.24	0.3	
49	1,342	0.27	0.3	
50	1,500	2.10	2.1	Upper Marker
51	1,675	0.00	0.0	
52	1,773	0.00	0.0	

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Promega 3

Number of peaks found: 45

Peak table for sample 4 : Promega 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	208	2.75	20.0	
3	212	0.69	4.9	
4	228	1.38	9.2	
5	235	0.79	5.1	
6	239	0.60	3.8	
7	252	0.59	3.6	
8	257	0.93	5.5	
9	265	1.06	6.1	
10	276	1.02	5.6	
11	286	2.30	12.2	
12	308	0.52	2.6	
13	314	0.65	3.2	
14	324	0.62	2.9	
15	332	0.68	3.1	
16	346	0.77	3.4	
17	359	0.59	2.5	
18	373	0.31	1.3	
19	381	0.47	1.9	
20	389	0.29	1.1	
21	395	0.59	2.3	
22	419	0.26	1.0	
23	444	0.30	1.0	
24	454	0.34	1.1	
25	468	0.24	0.8	
26	479	0.28	0.9	
27	502	0.45	1.4	

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

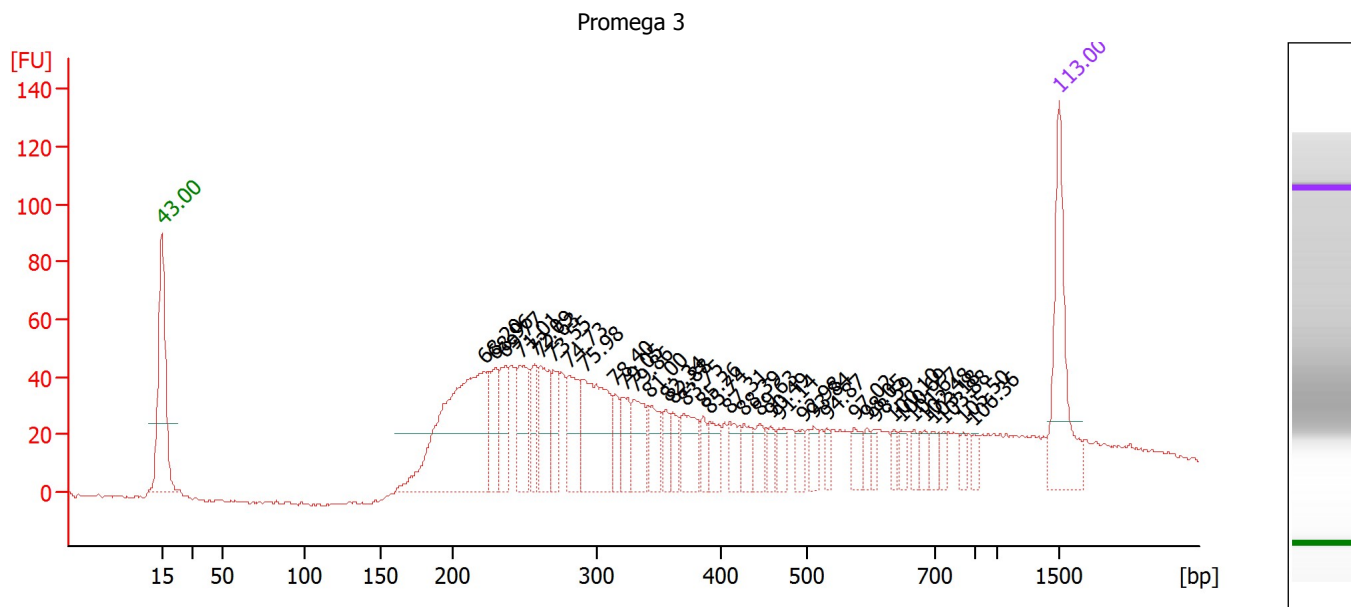
Electropherogram Summary Continued ...**... Peak table for sample 4 : Promega 3**

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
28	524	0.32	0.9	
29	544	0.21	0.6	
30	555	0.21	0.6	
31	572	0.23	0.6	
32	588	0.25	0.6	
33	604	0.23	0.6	
34	617	0.25	0.6	
35	634	0.27	0.6	
36	664	0.25	0.6	
37	677	0.25	0.6	
38	691	0.25	0.5	
39	749	0.35	0.7	
40	800	0.23	0.4	
41	886	0.35	0.6	
42	966	0.24	0.4	
43	1,018	0.21	0.3	
44	1,101	0.28	0.4	
45	1,173	0.57	0.7	
46	1,328	0.20	0.2	
47	1,500	2.10	2.1	Upper Marker
48	1,733	0.00	0.0	
49	1,805	0.00	0.0	
50	1,866	0.00	0.0	

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Promega 3

Number of peaks found: 37

Peak table for sample 5 : Promega 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	222	4.83	32.9	
3	229	0.80	5.3	
4	236	0.87	5.5	
5	247	1.09	6.7	
6	257	0.59	3.5	
7	262	0.98	5.7	
8	270	0.72	4.1	
9	281	1.08	5.9	
10	292	2.06	10.7	
11	315	0.45	2.1	
12	322	0.62	2.9	
13	330	0.81	3.7	
14	342	0.63	2.8	
15	356	0.38	1.6	
16	362	0.39	1.6	
17	371	0.80	3.3	
18	386	0.32	1.2	
19	391	0.45	1.7	
20	411	0.41	1.5	
21	427	0.44	1.6	
22	445	0.39	1.3	
23	457	0.28	0.9	
24	467	0.36	1.2	
25	494	0.29	0.9	
26	509	0.27	0.8	
27	530	0.20	0.6	

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

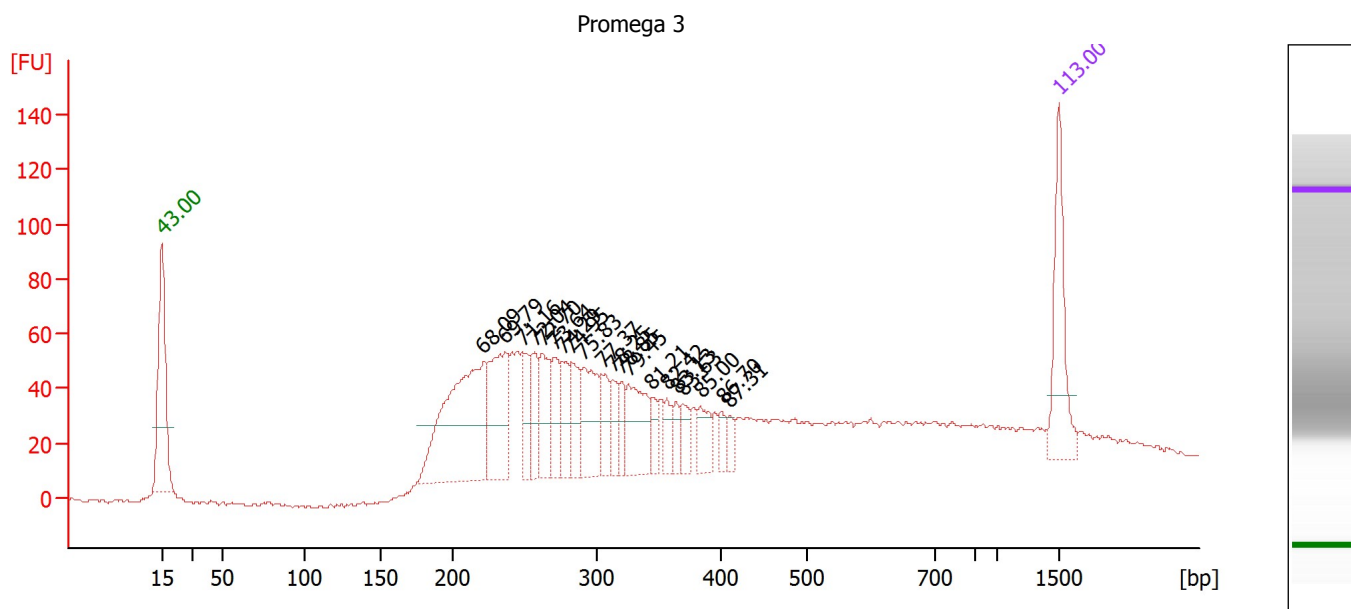
Electropherogram Summary Continued ...**... Peak table for sample 5 : Promega 3**

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
28	573	0.38	1.0	
29	594	0.22	0.5	
30	605	0.20	0.5	
31	636	0.21	0.5	
32	648	0.21	0.5	
33	668	0.23	0.5	
34	684	0.28	0.6	
35	698	0.24	0.5	
36	730	0.22	0.5	
37	807	0.20	0.4	
38	848	0.20	0.4	
39	 1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Promega 3

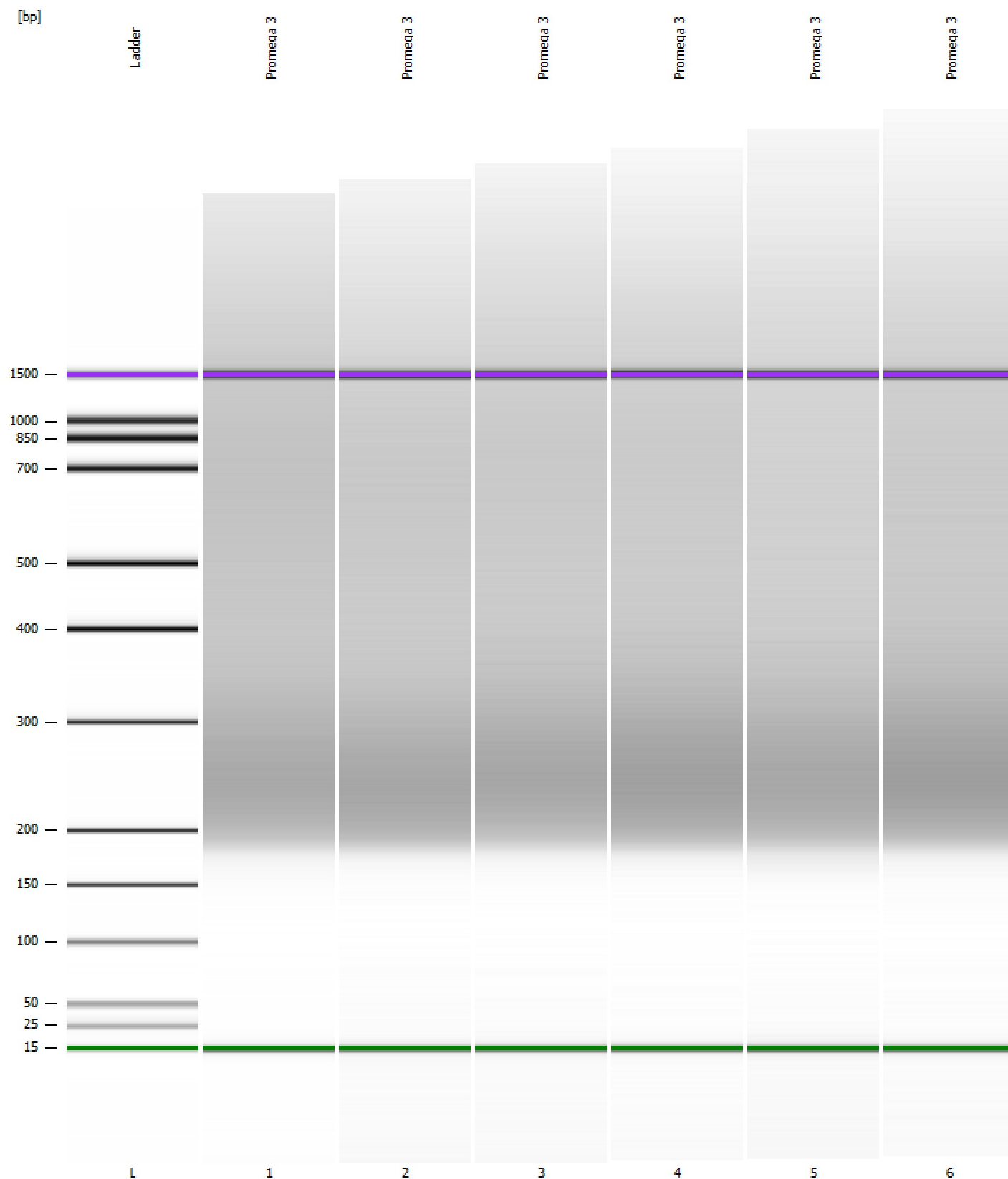
Number of peaks found: 20

Peak table for sample 6 : Promega 3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	221	5.12	35.1	
3	237	2.34	15.0	
4	249	0.93	5.7	
5	257	0.83	4.9	
6	262	1.24	7.2	
7	271	0.98	5.5	
8	277	0.81	4.4	
9	282	0.97	5.2	
10	290	1.74	9.1	
11	305	0.72	3.6	
12	314	0.57	2.7	
13	320	0.49	2.3	
14	326	1.57	7.3	
15	344	0.39	1.7	
16	357	0.43	1.8	
17	364	0.41	1.7	
18	369	0.49	2.0	
19	384	0.62	2.5	
20	402	0.32	1.2	
21	411	0.30	1.1	
22	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
Modified: 5/20/2014 8:17:19 AM

Gel Image

Assay Class: DNA 1000
 Data Path: Z:\...\Sciclone test\Agilent\Sciclone test 5 NLS_1000_190514.xad

Created: 5/19/2014 12:19:40 PM
 Modified: 5/20/2014 8:17:19 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 3 (Number of wells acquired: 13)		Instrument	Run		5/19/2014 1:01:31 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Run started on port 3 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\Secured Area\Data\dsDNA\DNA 1000\DNA 1000 Series II\2100 expert_DNA 1000_DE72905258_2014-05-19_12-19-32.xad)		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Product Number : G2938C		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Name :		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Vendor : Agilent Technologies		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Serial# : DE72905258		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Firmware : C.01.069		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Cartridge : Electrode		Instrument	Run		5/19/2014 12:19:45 PM	(GMT +02:00) Romance Standard Time	linda	agilent1