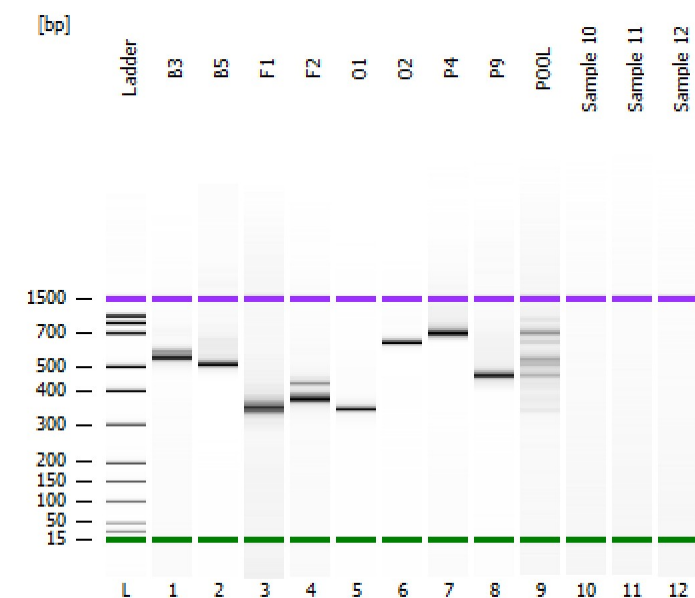


Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72902543
Serial#: DE72902543

Firmware: C.01.069
Type: G2939A

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

Assay Class: DNA 1000

Version: 2.3

Assay Comments: DNA Analysis 25 -1000 bp

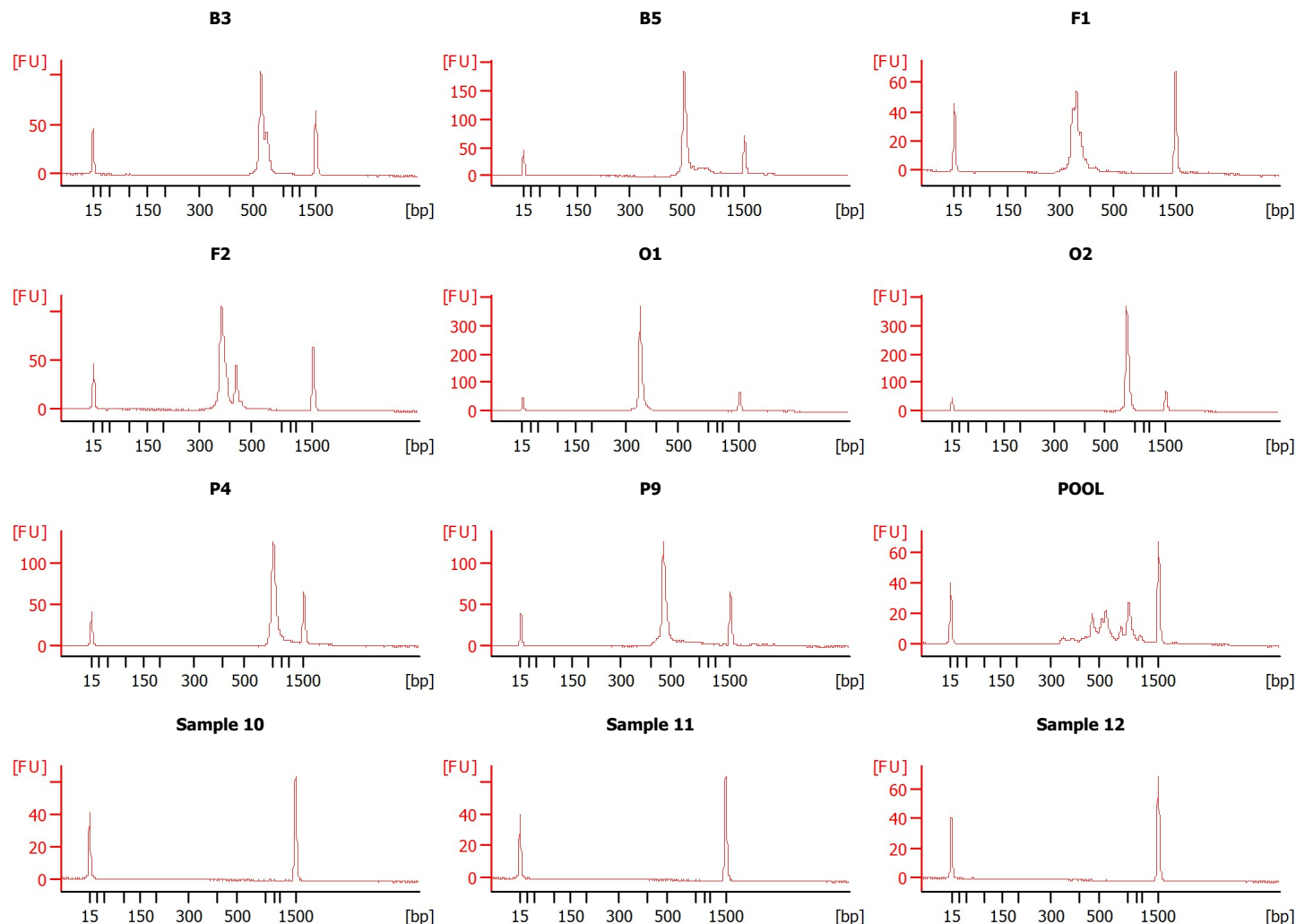
© Copyright 2003-2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #: VA31BK10

Reagent Kit Lot #: 1336

Chip Comments:



Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
B3		<input type="checkbox"/>	✓			
B5		<input type="checkbox"/>	✓			
F1		<input type="checkbox"/>	✓			
F2		<input type="checkbox"/>	✓			
O1		<input type="checkbox"/>	✓			
O2		<input type="checkbox"/>	✓			
P4		<input type="checkbox"/>	✓			
P9		<input type="checkbox"/>	✓			
POOL		<input type="checkbox"/>	✓			
Sample 10		<input type="checkbox"/>	✓			
Sample 11		<input type="checkbox"/>	✓			
Sample 12		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

VA31BK10

Reagent Kit Lot #

1336

Chip Comments :

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

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

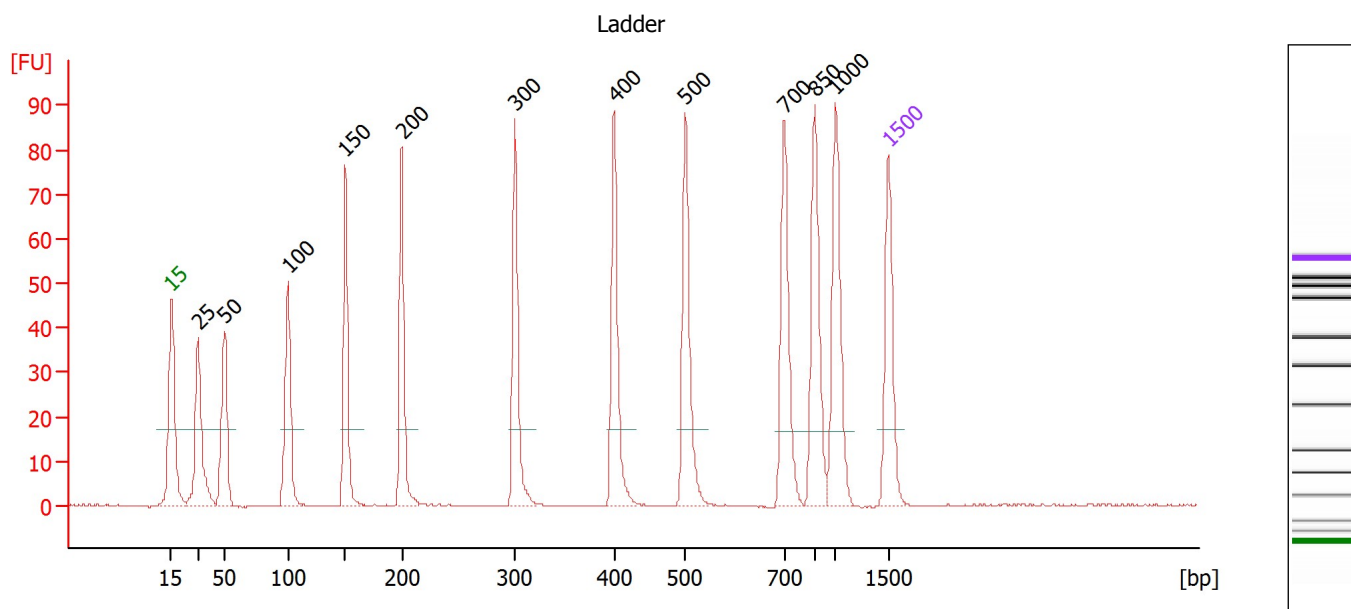
Ladder

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:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
 Modified: 13.06.2017 13:40:02

Electropherogram Summary

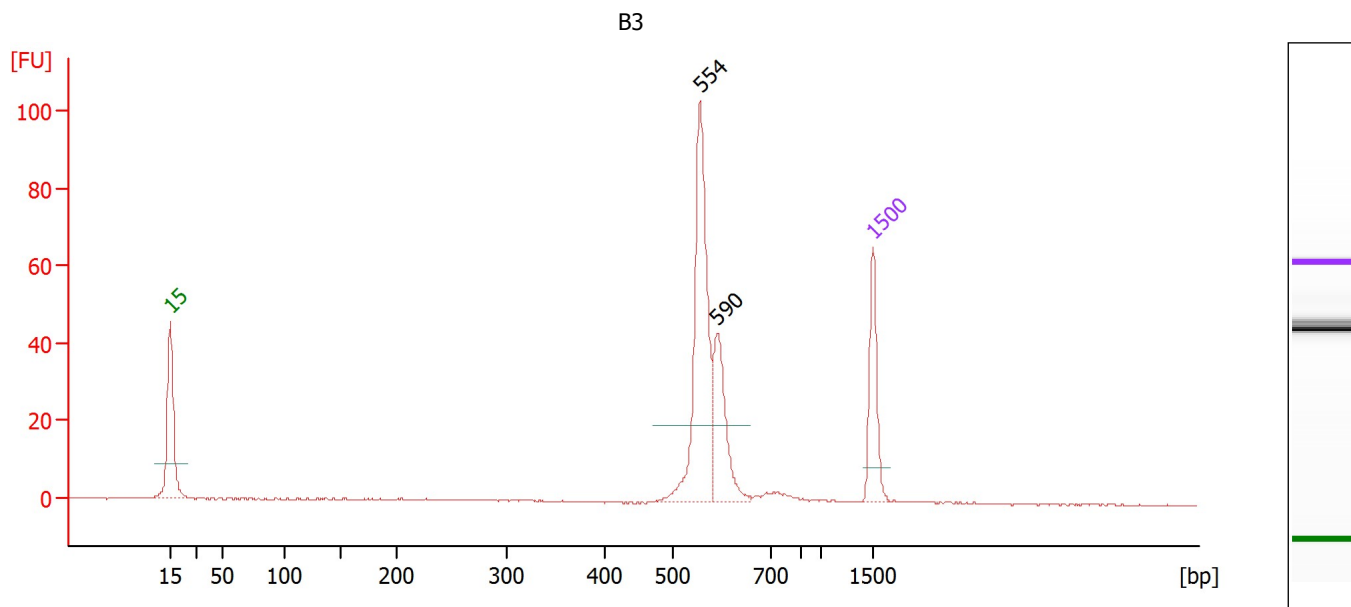


Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	25	4,00	242,4	Ladder Peak
3	50	4,00	121,2	Ladder Peak
4	100	4,00	60,6	Ladder Peak
5	150	4,00	40,4	Ladder Peak
6	200	4,00	30,3	Ladder Peak
7	300	4,00	20,2	Ladder Peak
8	400	4,00	15,2	Ladder Peak
9	500	4,00	12,1	Ladder Peak
10	700	4,00	8,7	Ladder Peak
11	850	4,00	7,1	Ladder Peak
12	1.000	4,00	6,1	Ladder Peak
13	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 1 : B3**

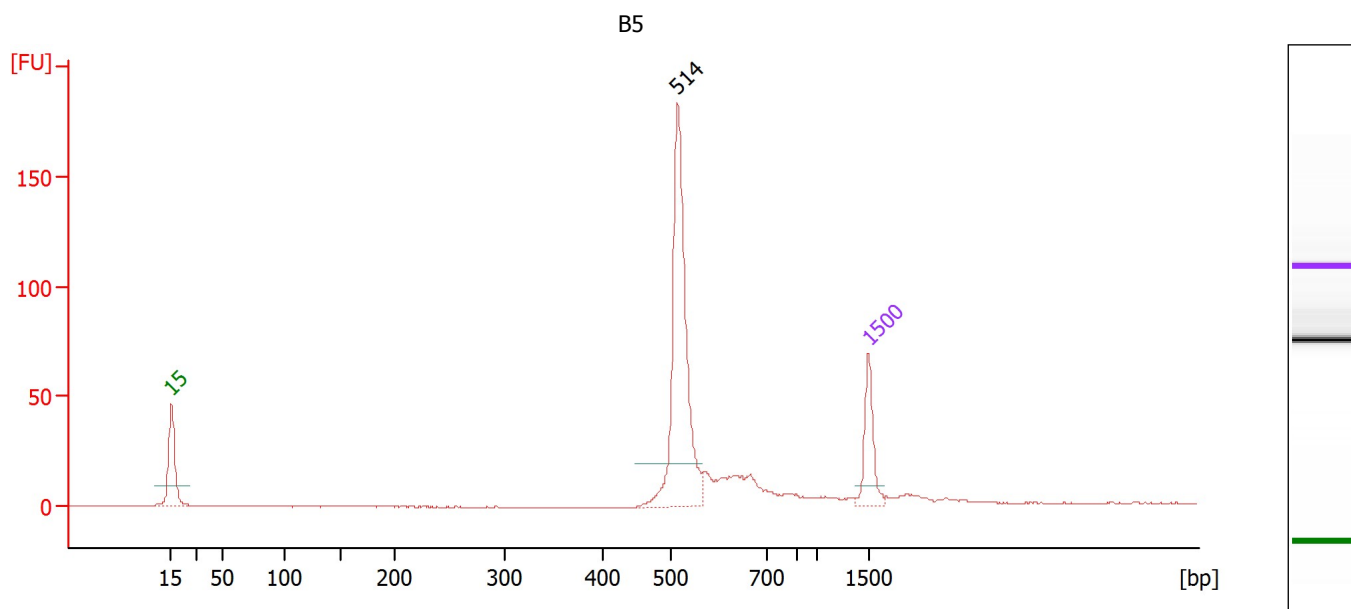
Number of peaks found: 2

Peak table for sample 1 : B3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	554	6,52	17,8	
3	590	2,74	7,0	
4	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 2 : B5**

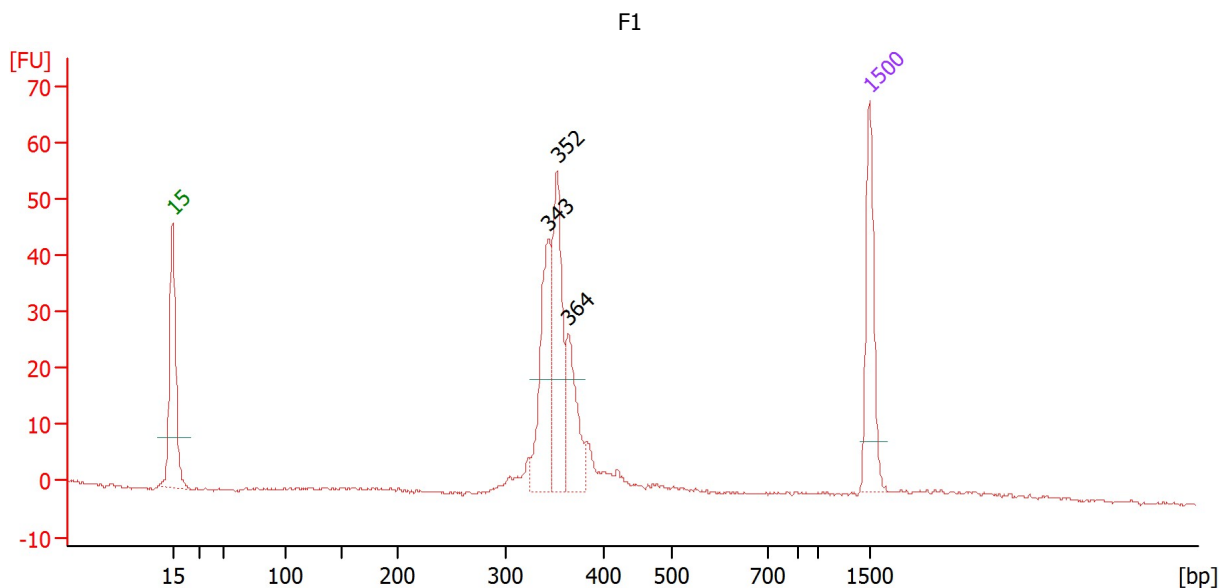
Number of peaks found: 1

Peak table for sample 2 : B5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	514	10,04	29,6	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 3 : F1**

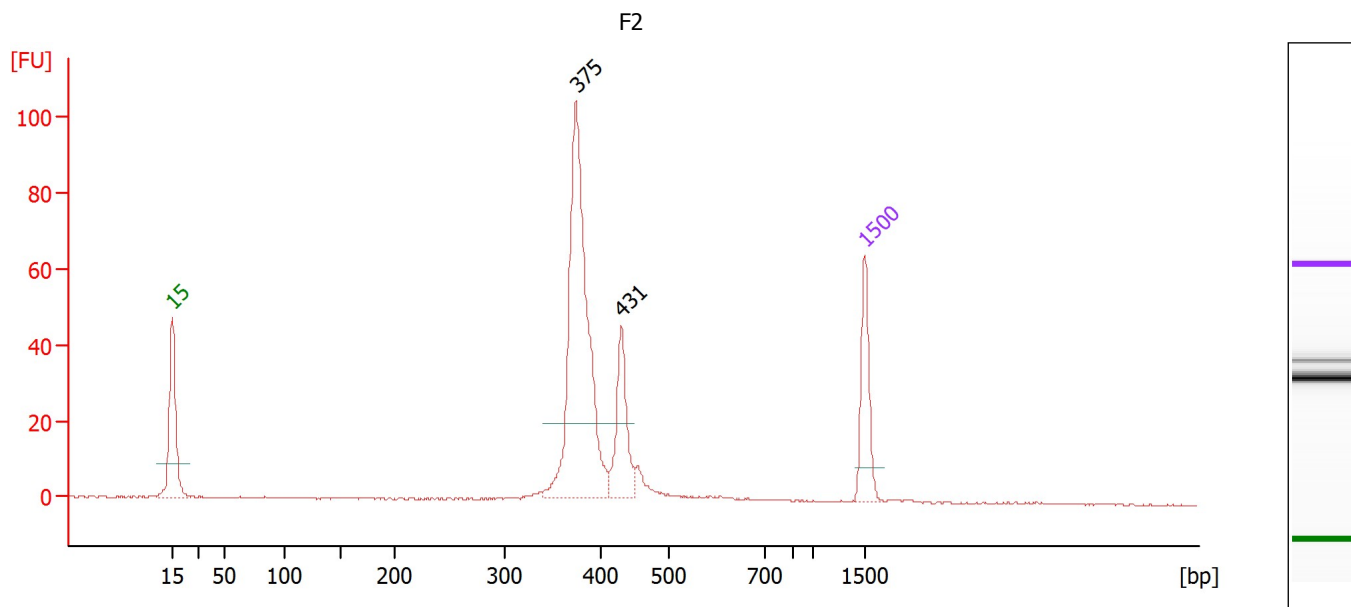
Number of peaks found: 3

Peak table for sample 3 : F1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	343	2,68	11,8	
3	352	2,88	12,4	
4	364	1,62	6,7	
5	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 4 : F2**

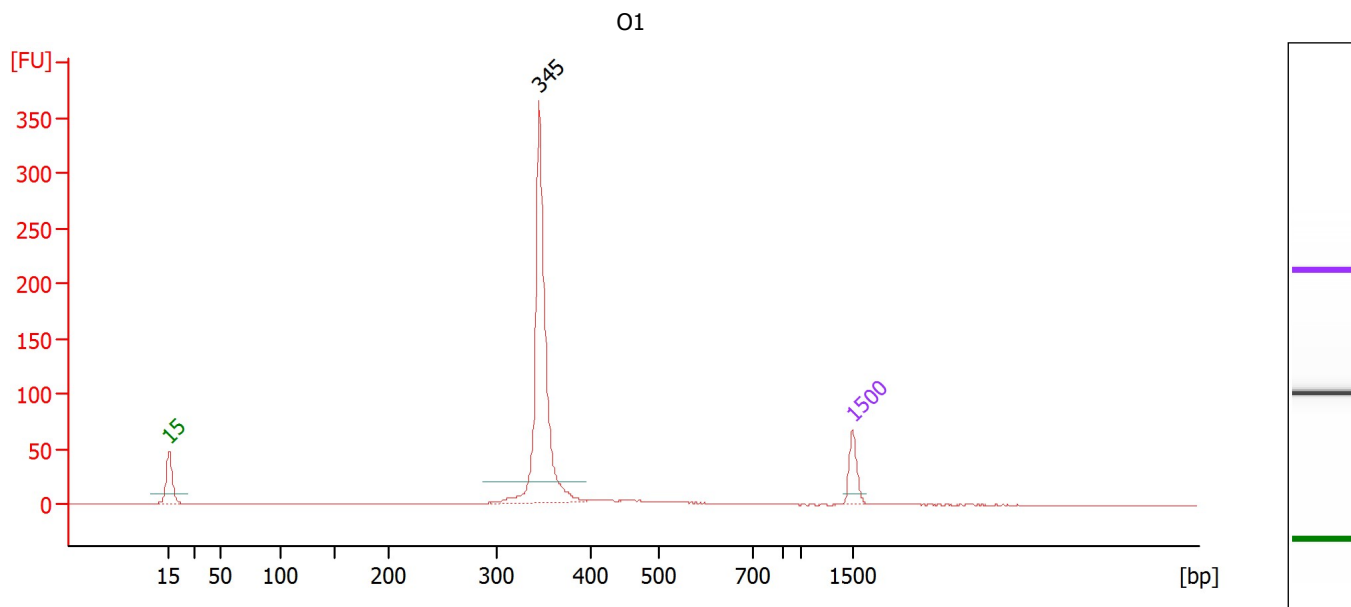
Number of peaks found: 2

Peak table for sample 4 : F2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	375	10,31	41,7	
3	431	2,36	8,3	
4	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 5 : O1**

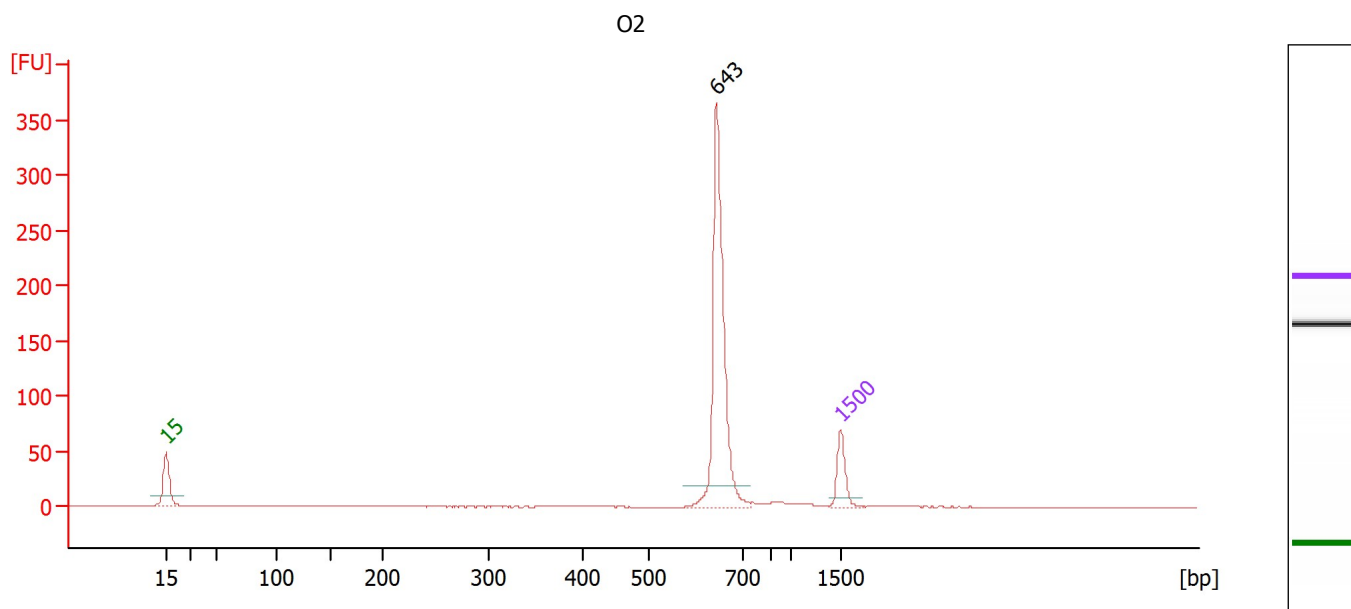
Number of peaks found: 1

Peak table for sample 5 : O1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	345	21,02	92,4	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 6 : O2**

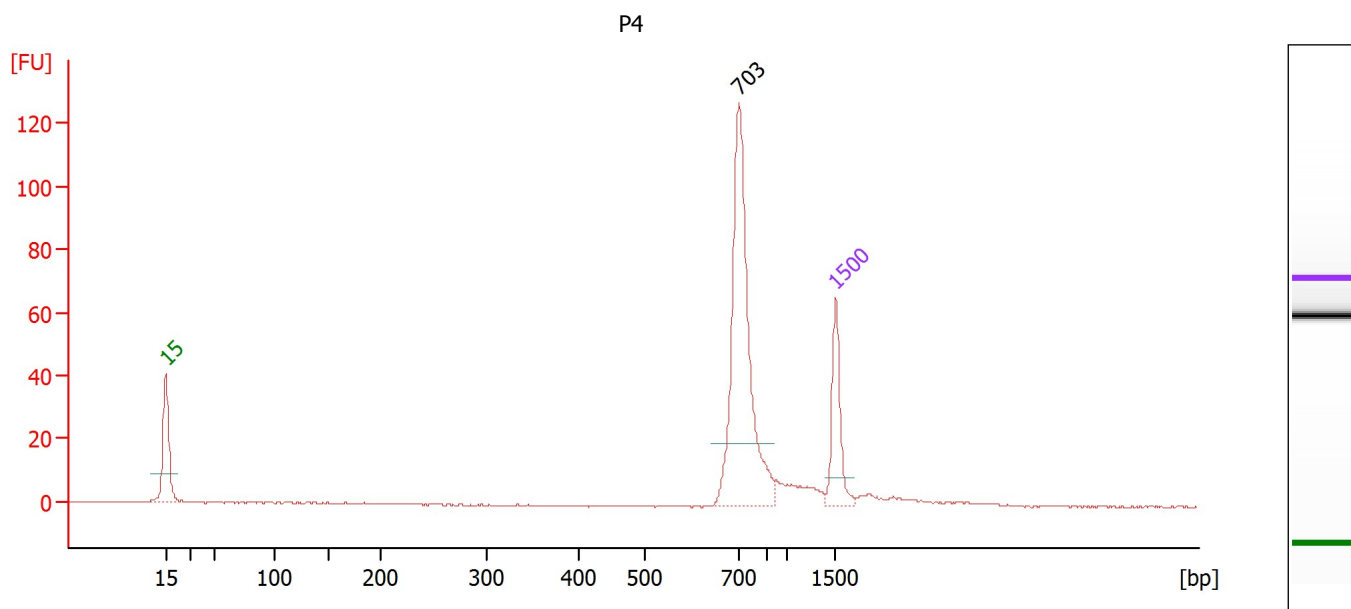
Number of peaks found: 1

Peak table for sample 6 : O2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	643	16,14	38,0	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 7 : P4**

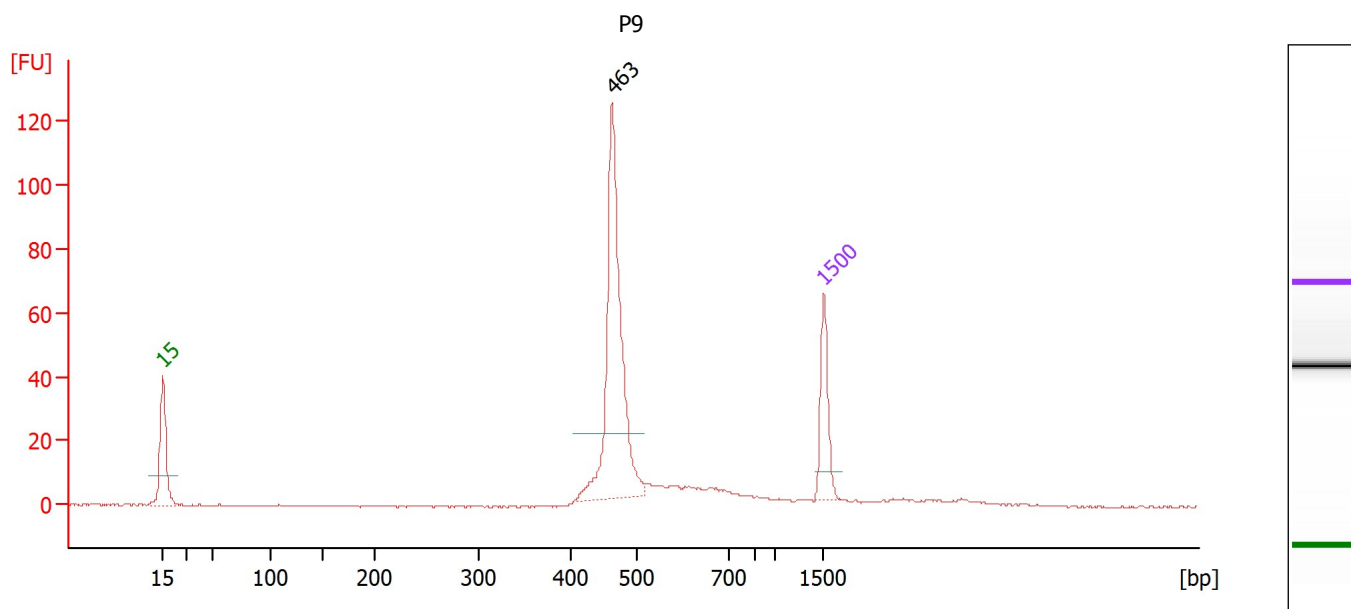
Number of peaks found: 1

Peak table for sample 7 : P4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	703	9,05	19,5	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 8 : P9**

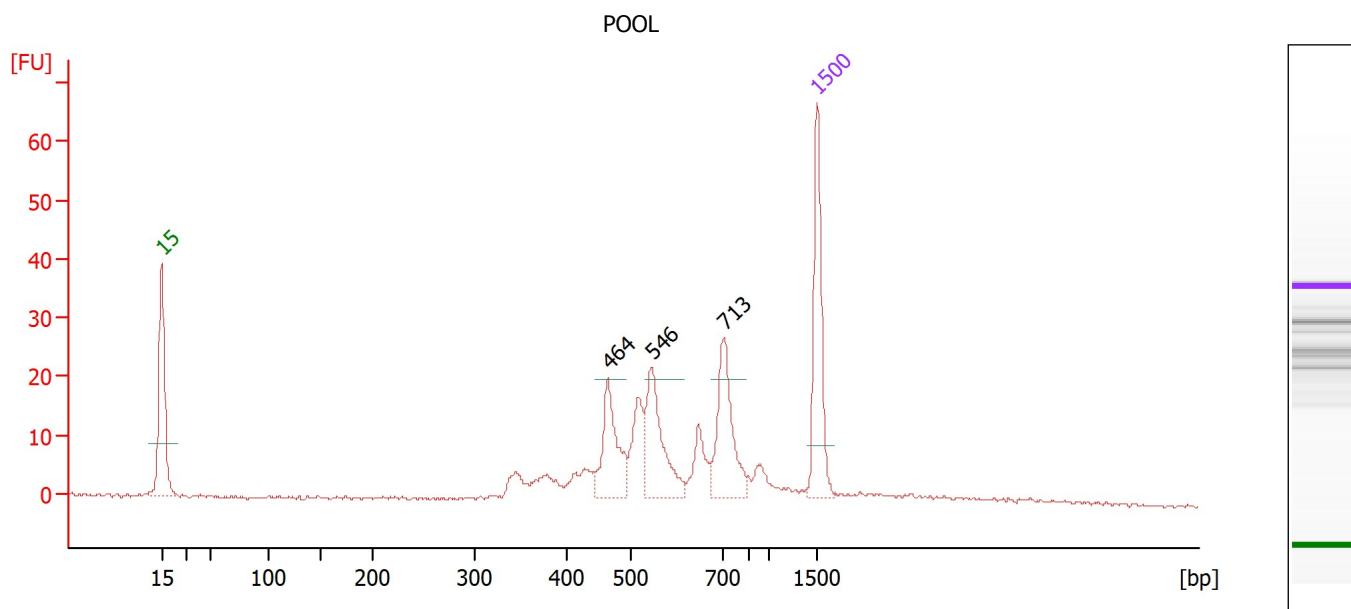
Number of peaks found: 1

Peak table for sample 8 : P9

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	463	9,08	29,7	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 9 : POOL**

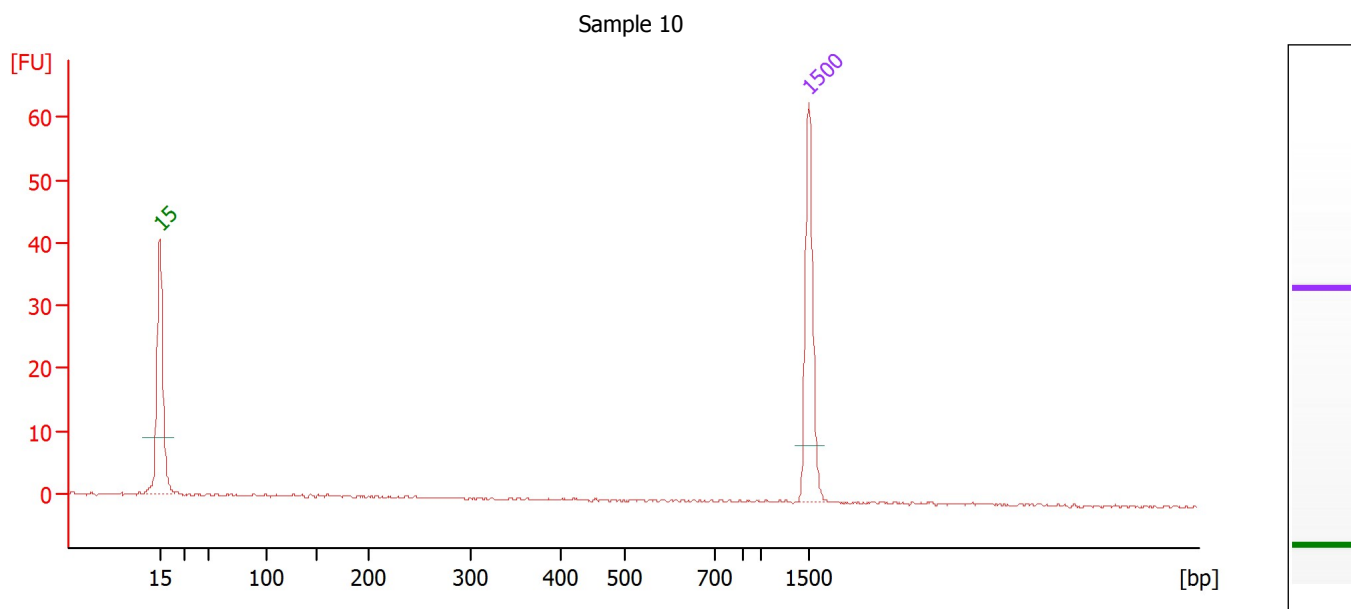
Number of peaks found: 3

Peak table for sample 9 : POOL

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	464	1,44	4,7	
3	546	1,70	4,7	
4	713	1,81	3,8	
5	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 10 : Sample 10**

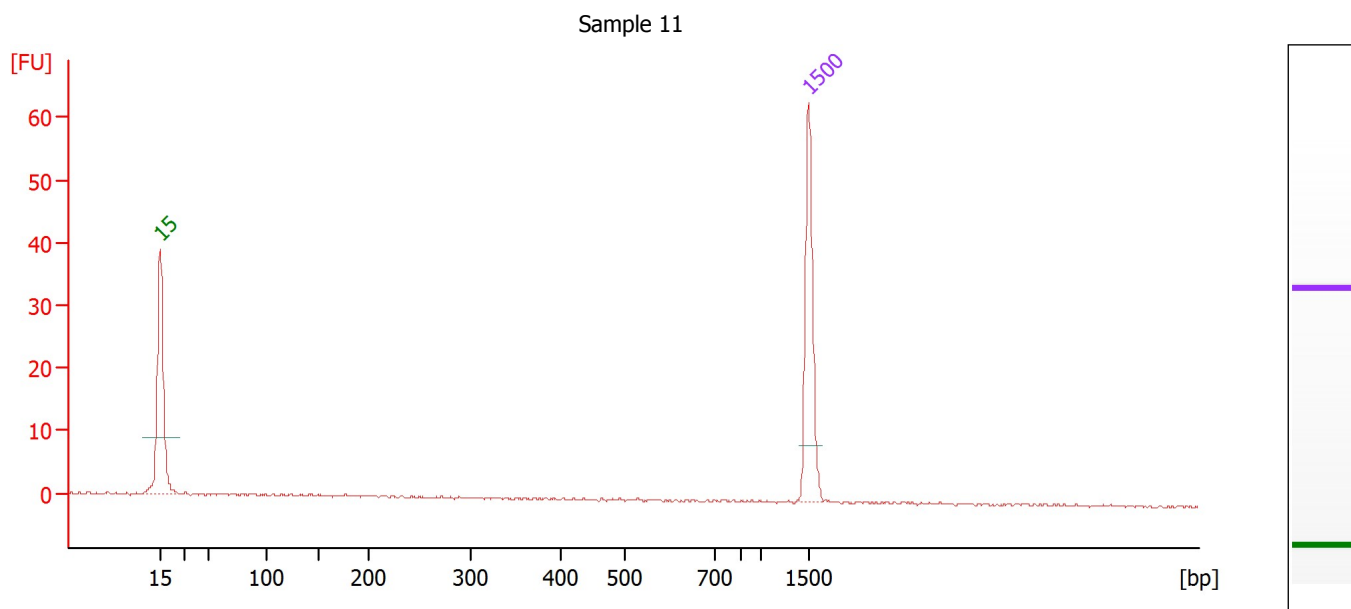
Number of peaks found: 0

Peak table for sample 10 : Sample 10

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 11 : Sample 11**

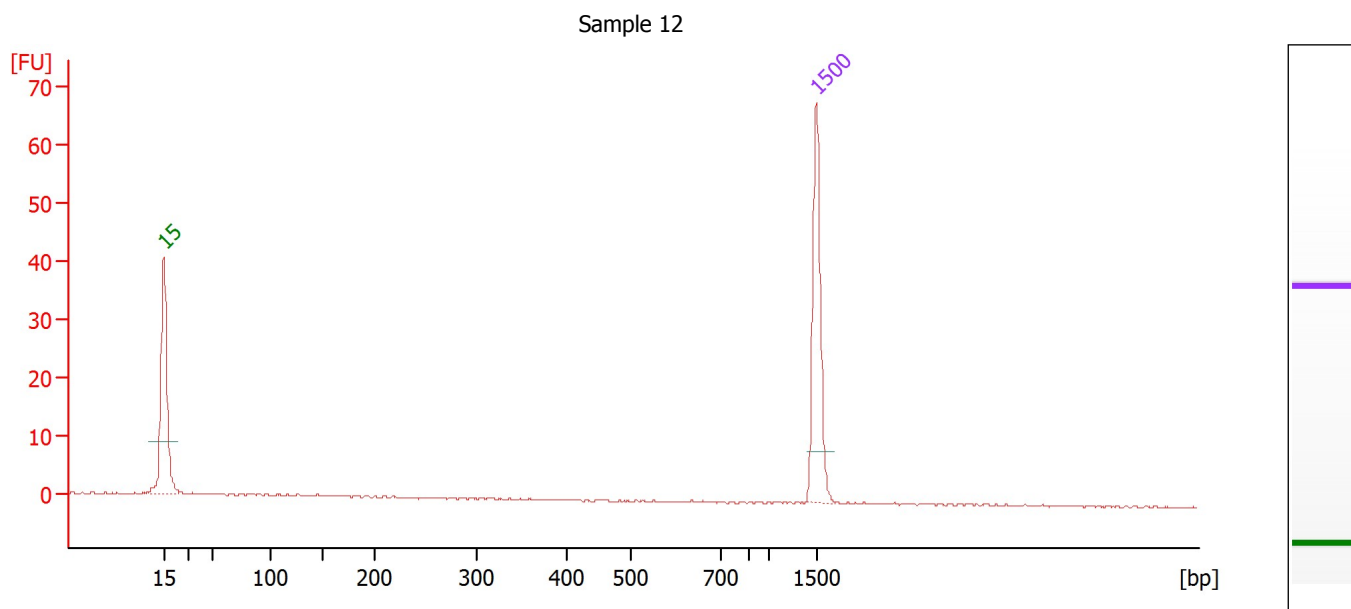
Number of peaks found: 0

Peak table for sample 11 : Sample 11

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Electropherogram Summary Continued ...**Overall Results for sample 12 : Sample 12**

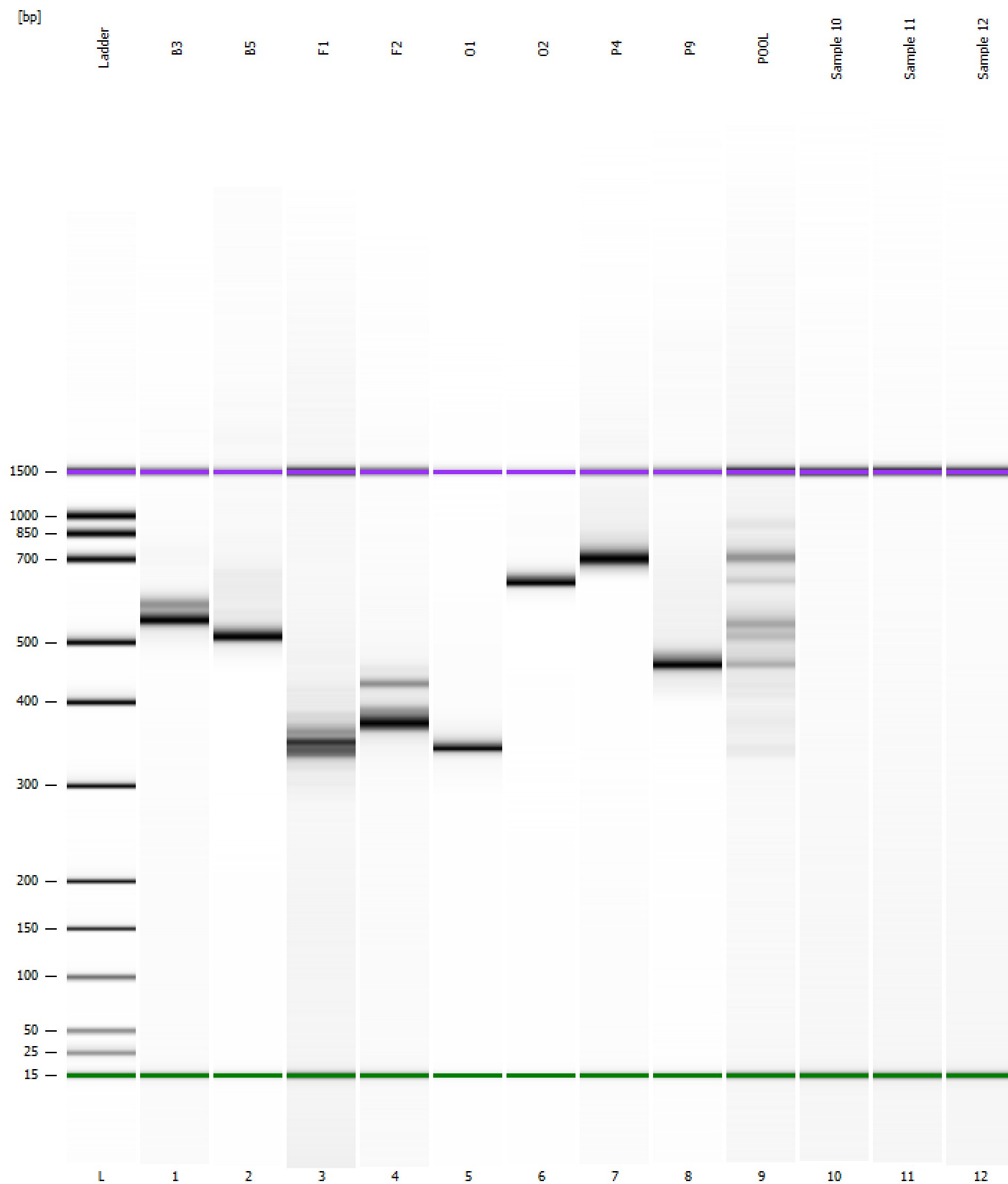
Number of peaks found: 0

Peak table for sample 12 : Sample 12

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad

Created: 13.06.2017 12:56:58
Modified: 13.06.2017 13:40:02

Gel Image

Assay Class:	DNA 1000	Created:	13.06.2017 12:56:58
Data Path:	Z:\...ari\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad	Modified:	13.06.2017 13:40:02

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		13.06.2017 13:38:44	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Run started on port 1 (File: C:\Data\2017-06-13\2100 expert_DNA 1000_DE72902543_2017-06-13_12-56-59.xad)		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Product Number : G2939A		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Name :		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Vendor : Agilent Technologies		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Serial# : DE72902543		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Firmware : C.01.069		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER
Cartridge : Electrode		Instrument	Run		13.06.2017 12:57:04	(GMT +02:00) W. Europe Standard Time	mpgc	BIOANALYZER