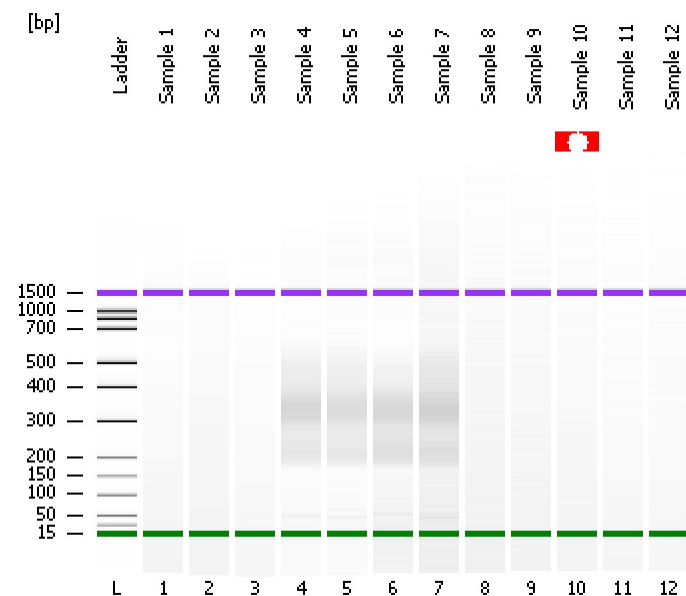


Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72905120

Firmware: C.01.069

Serial#: DE72905120

Type: G2938C

Assay Information:

Assay Origin Path: C:\Programme\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

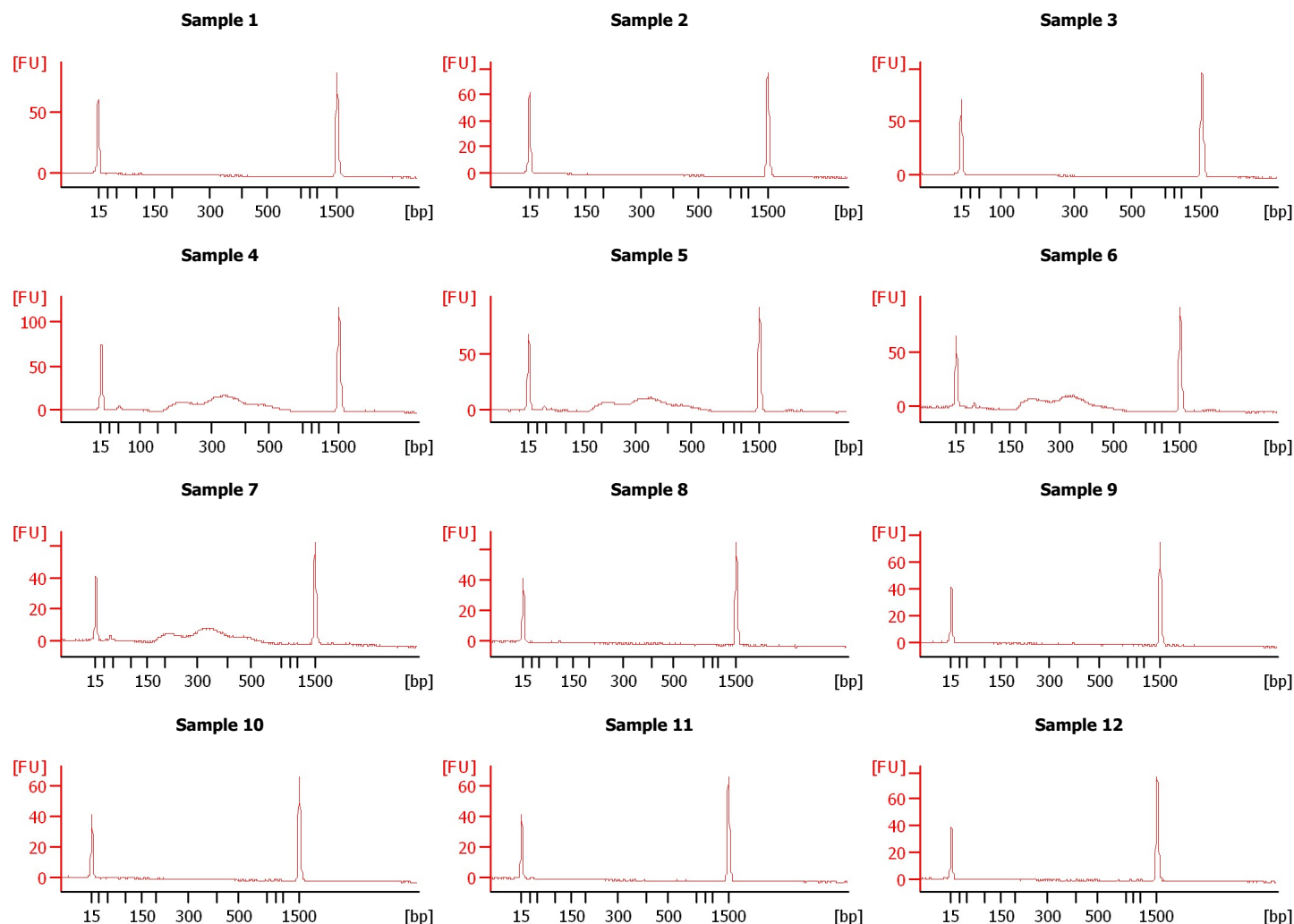
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status Observation	Result Label	Result Color
Sample 1		<input type="checkbox"/>	✓		
Sample 2		<input type="checkbox"/>	✓		
Sample 3		<input type="checkbox"/>	✓		
Sample 4		<input type="checkbox"/>	✓		
Sample 5		<input type="checkbox"/>	✓		
Sample 6		<input type="checkbox"/>	✓		
Sample 7		<input type="checkbox"/>	✓		
Sample 8		<input type="checkbox"/>	✓		
Sample 9		<input type="checkbox"/>	✓		
Sample 10		<input type="checkbox"/>	✗		
Sample 11		<input type="checkbox"/>	✓		
Sample 12		<input type="checkbox"/>	✓		

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

Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

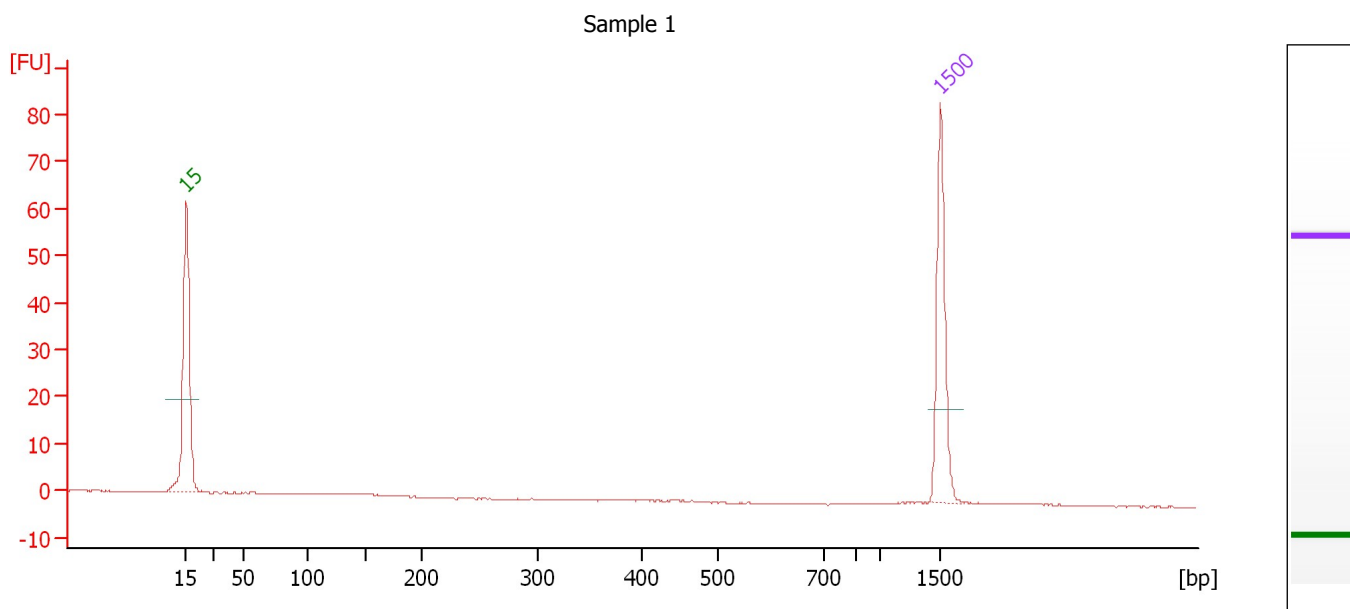
Filter Width [s] : 0,5
Polynomial Order : 4

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

Electropherogram Summary**Overall Results for sample 1 : Sample 1**

Number of peaks found: 0

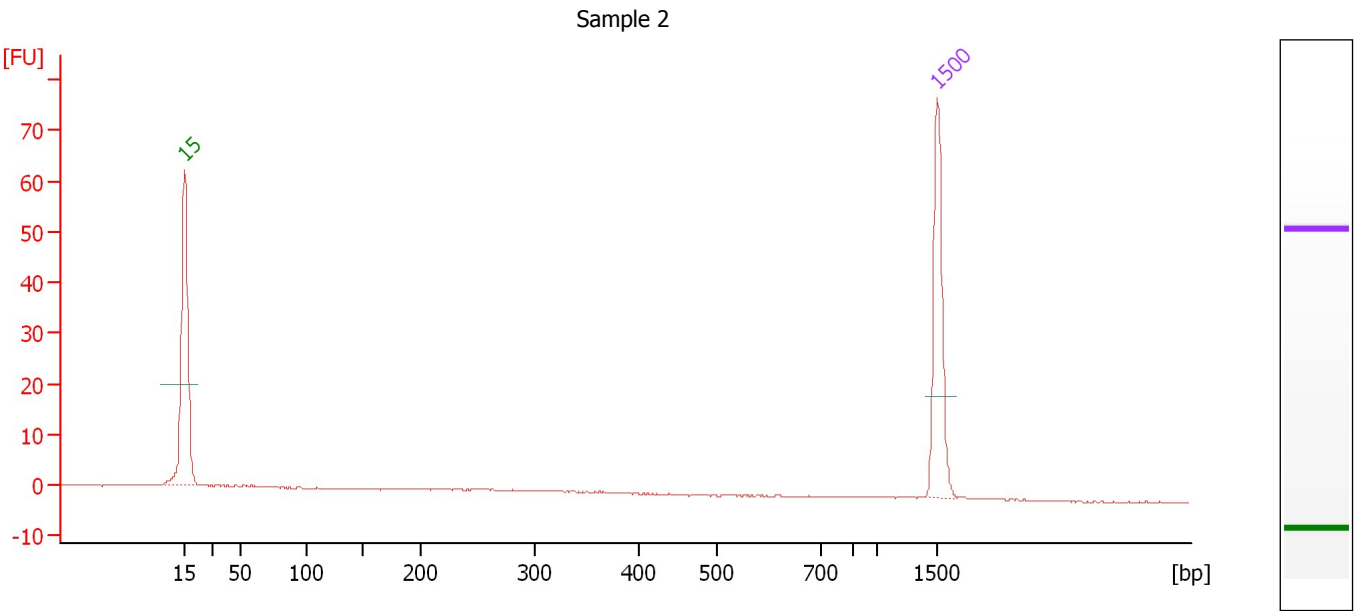
Peak table for sample 1 : Sample 1

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

Electropherogram Summary Continued ...



Overall Results for sample 2 : Sample 2

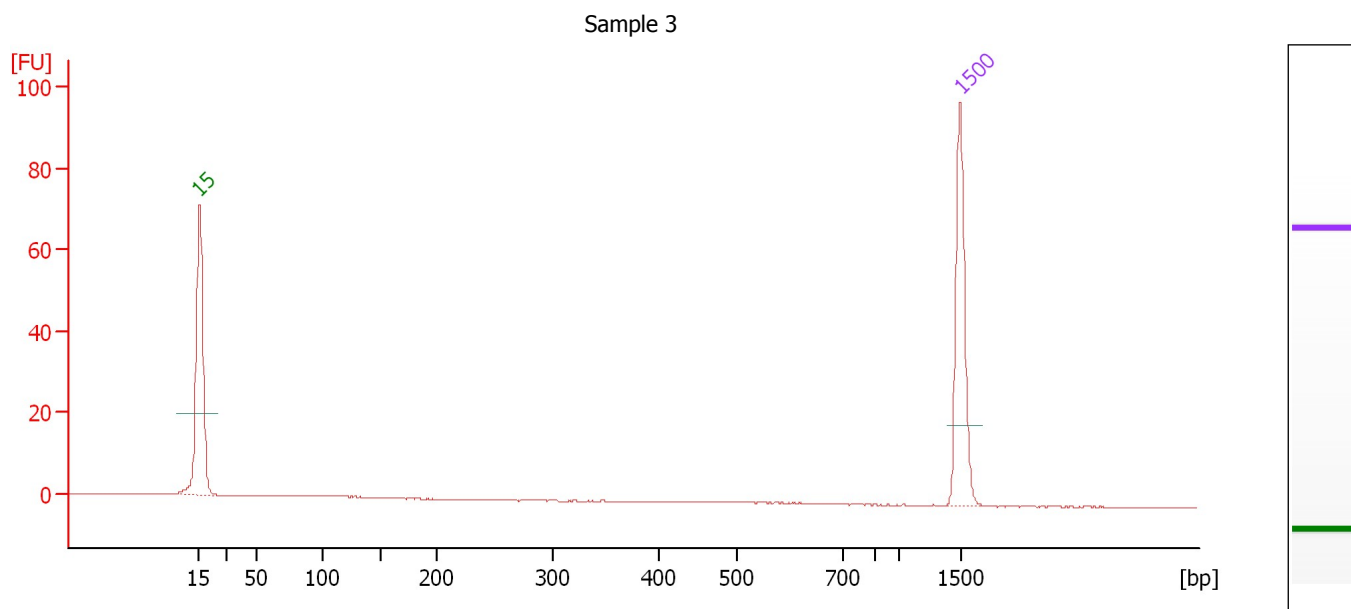
Number of peaks found: 0

Peak table for sample 2 : Sample 2

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

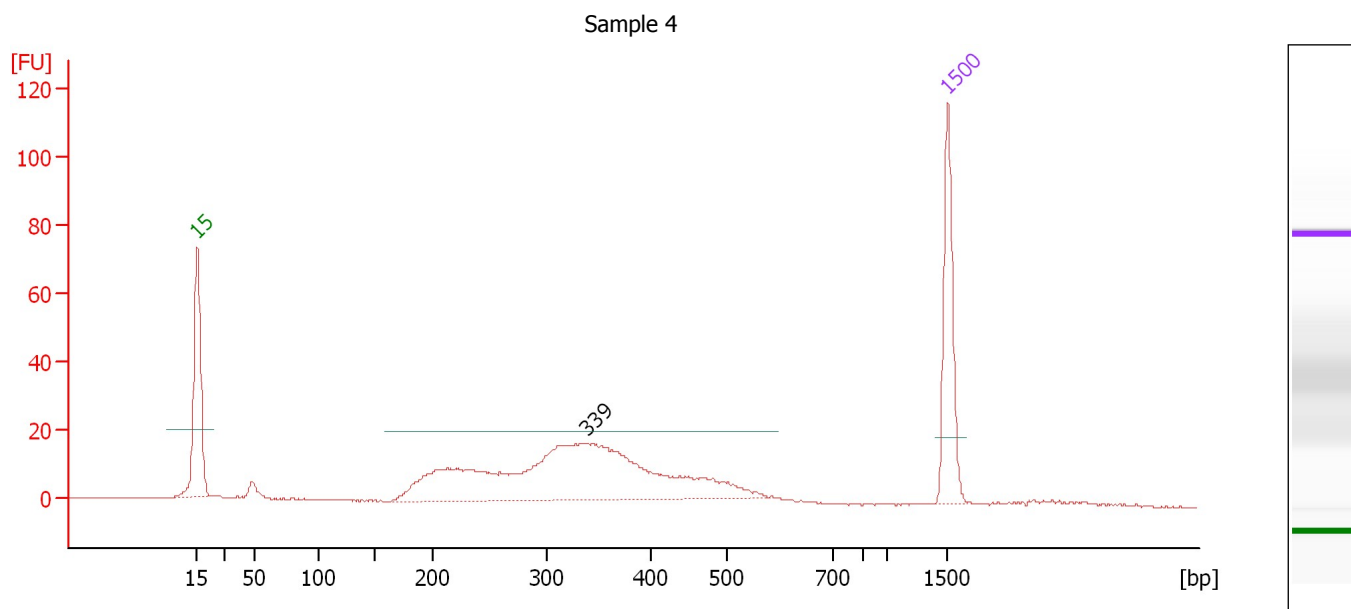
Number of peaks found: 0

Peak table for sample 3 : Sample 3

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

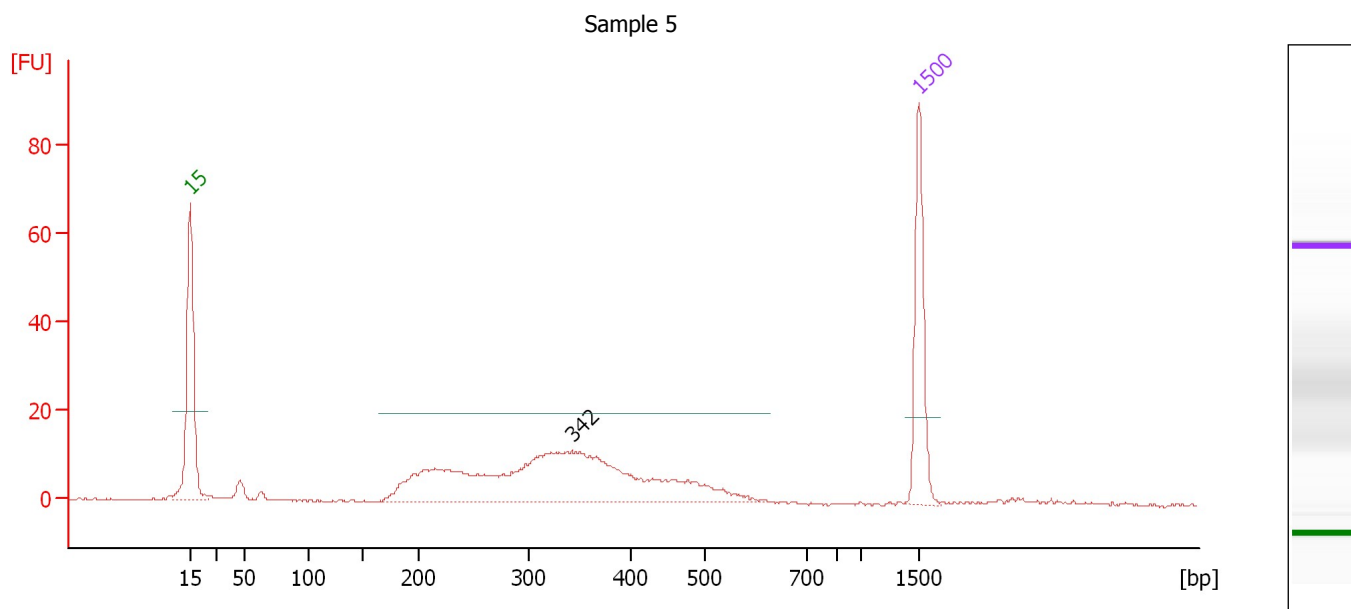
Number of peaks found: 1

Peak table for sample 4 : Sample 4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	339	7,88	35,3	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

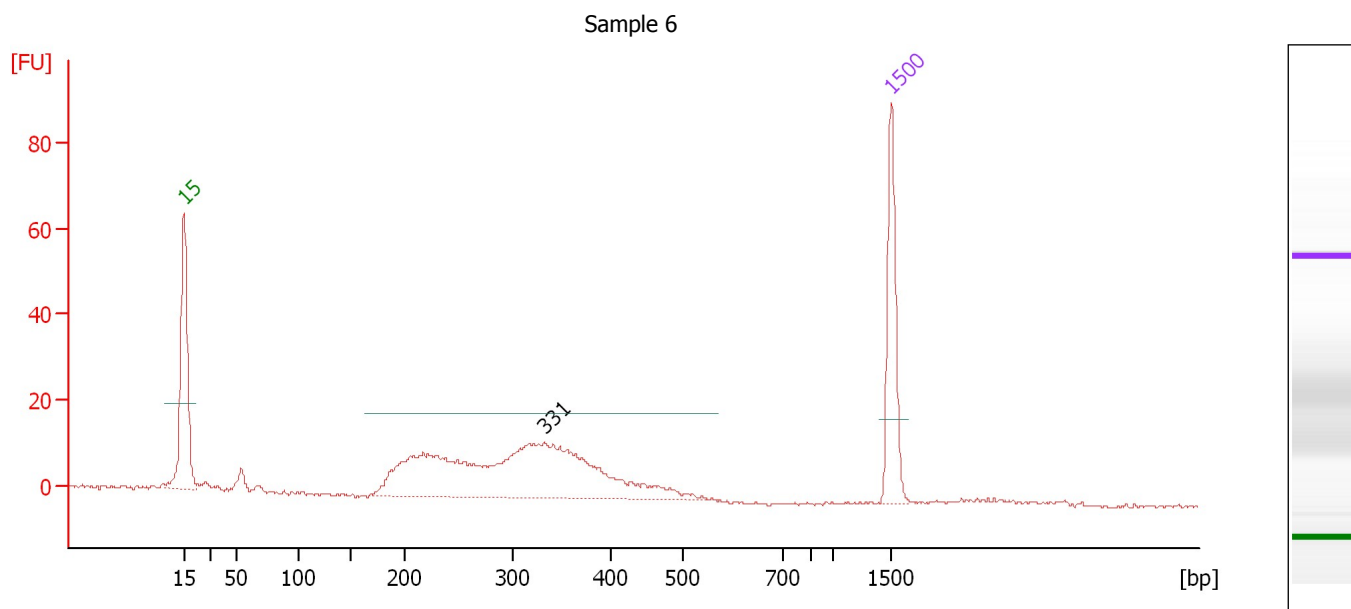
Number of peaks found: 1

Peak table for sample 5 : Sample 5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	342	7,70	34,1	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

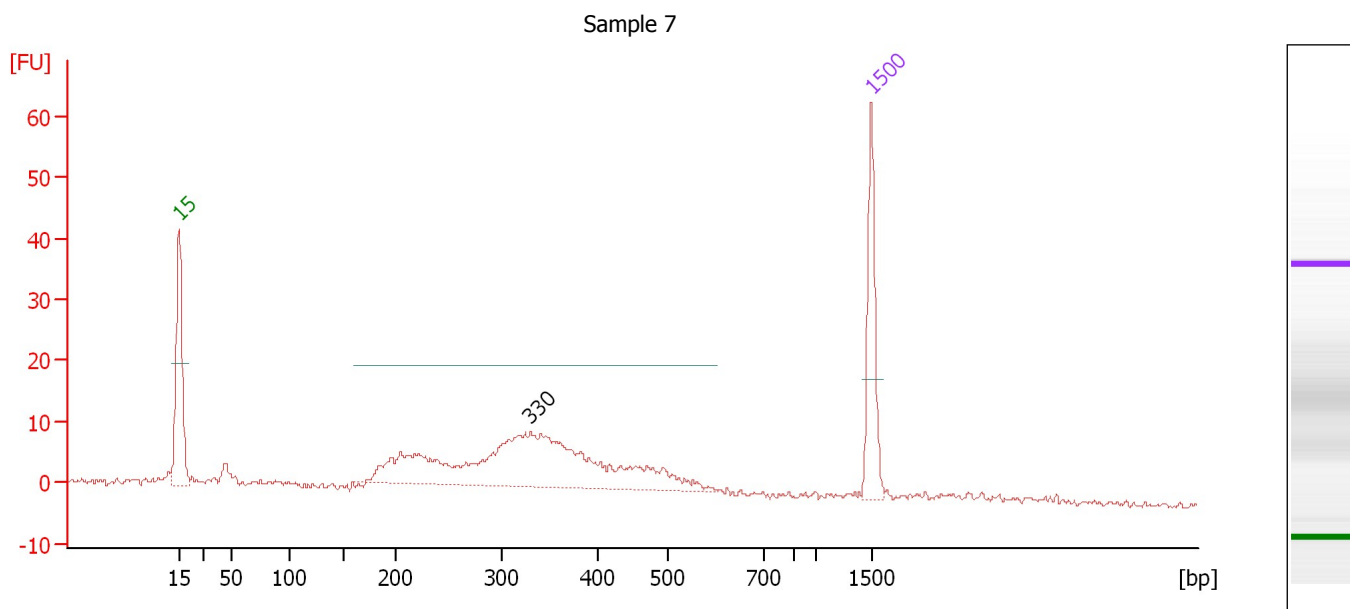
Number of peaks found: 1

Peak table for sample 6 : Sample 6

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	331	8,05	36,8	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

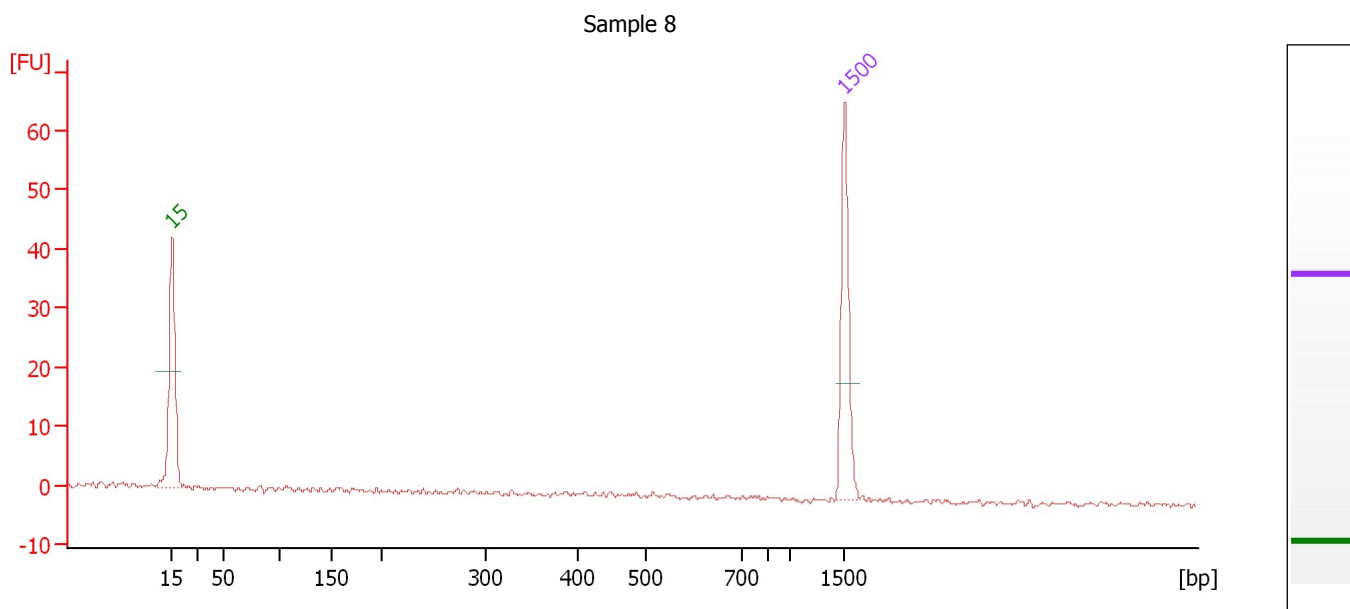
Number of peaks found: 1

Peak table for sample 7 : Sample 7

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	330	7,98	36,6	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

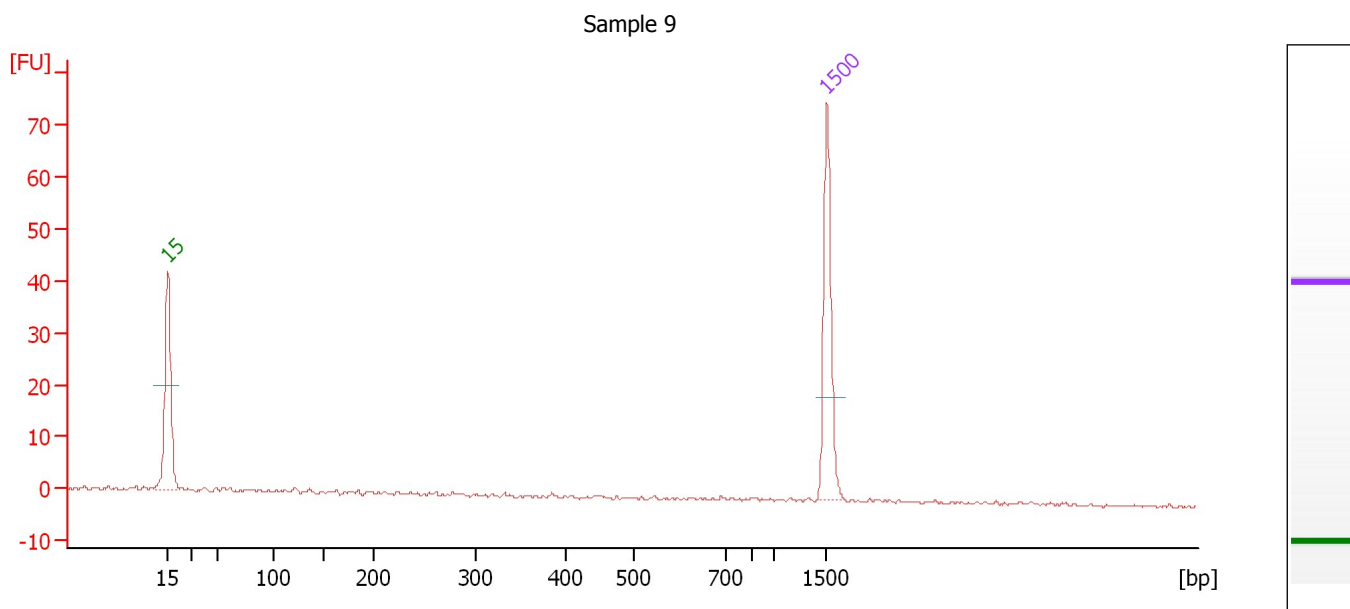
Number of peaks found: 0

Peak table for sample 8 : Sample 8

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

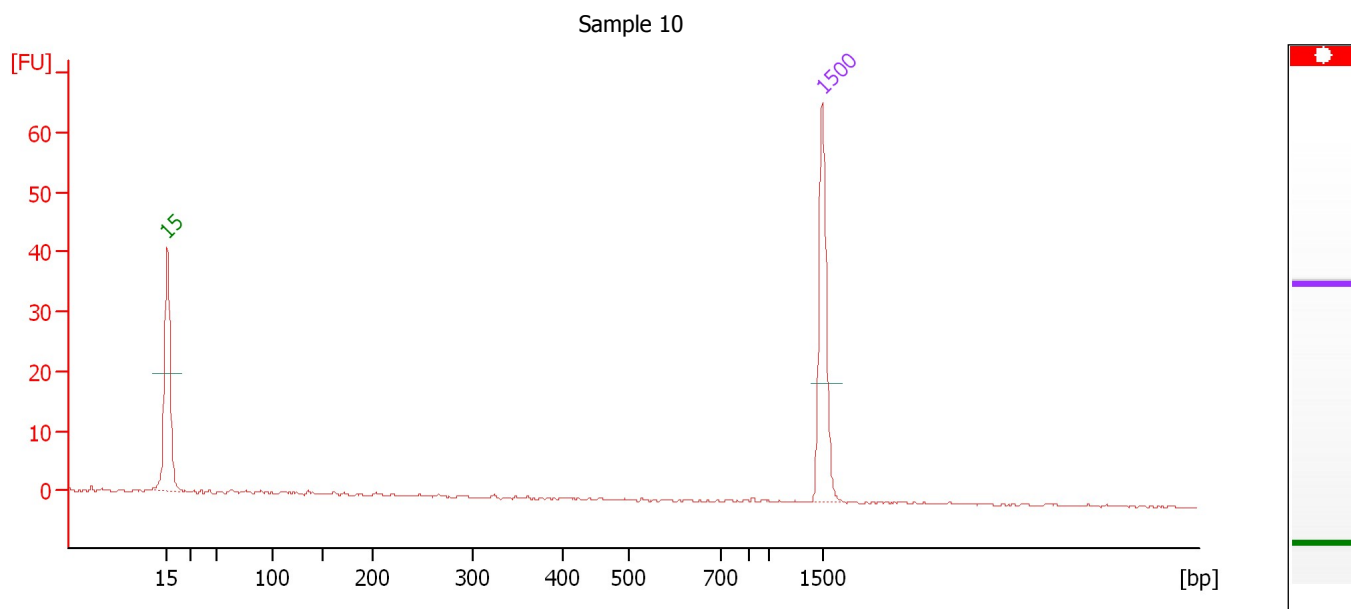
Number of peaks found: 0

Peak table for sample 9 : Sample 9

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

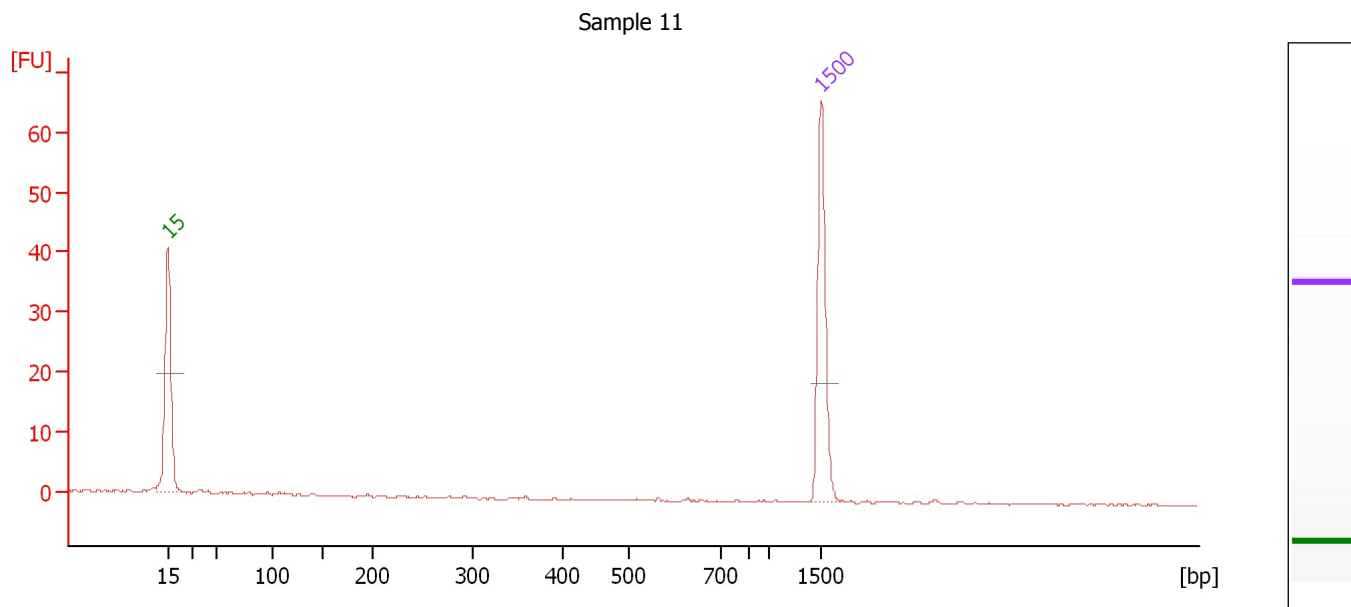
Number of peaks found: 0

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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

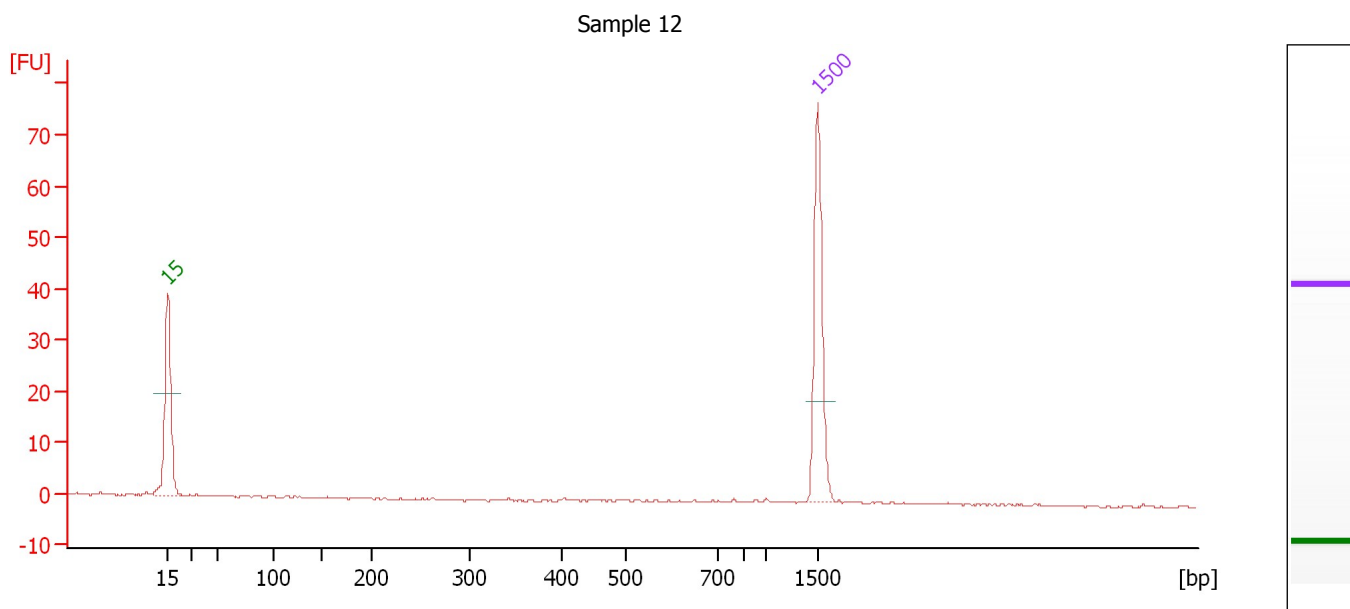
Number of peaks found: 0

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56
Modified: 29.07.2024 17:05:14

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: C:\...-29\2100 expert_DNA 1000_DE72905120_2024-07-29_15-58-56.xad

Created: 29.07.2024 15:58:56

Modified: 29.07.2024 17:05:14

Gel Image

