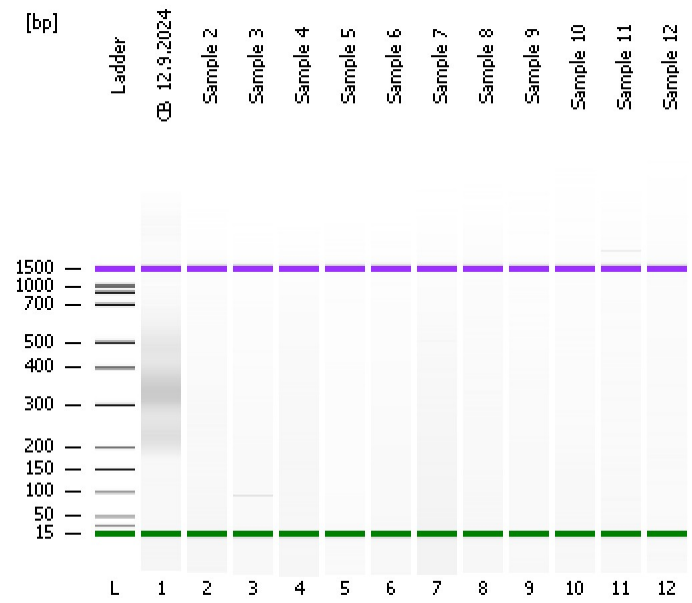
Assay Class: DNA 1000
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad

Created: 12.09.2024 13:28:33
Modified: 12.09.2024 14:13:16

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72905120 Firmware: C.01.069
Serial#: DE72905120 Type: G2938C

Assay Information:

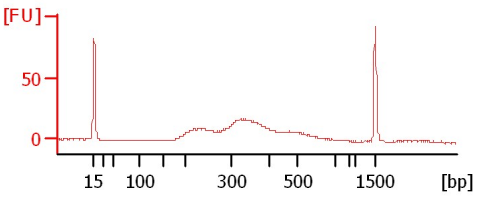
Assay Origin Path: C:\Programme\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 25 -1000 bp

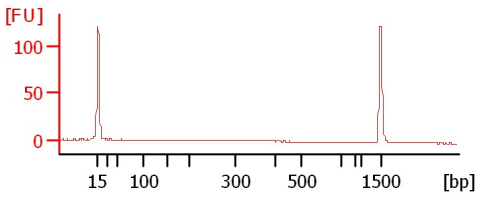
Chip Information:

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

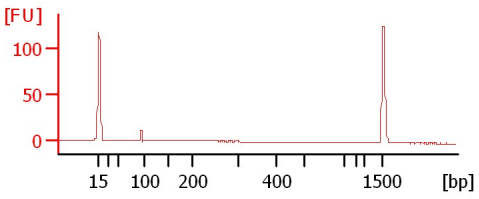
CB_12.9.2024



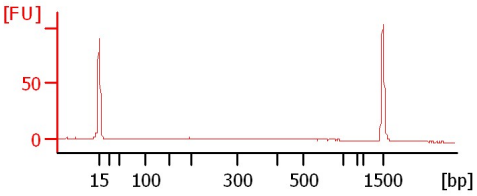
Sample 2



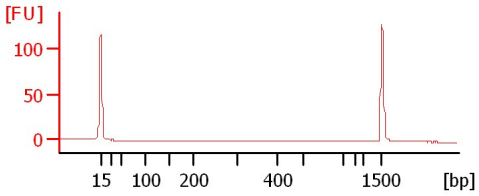
Sample 3



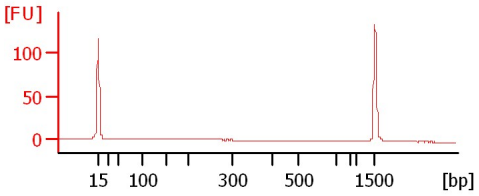
Sample 4



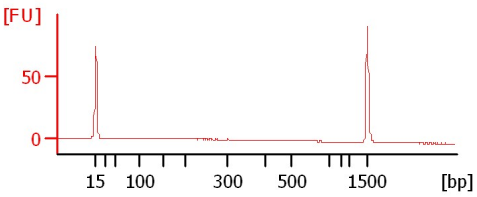
Sample 5



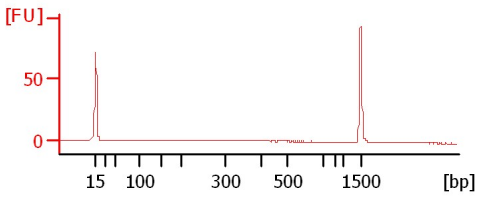
Sample 6



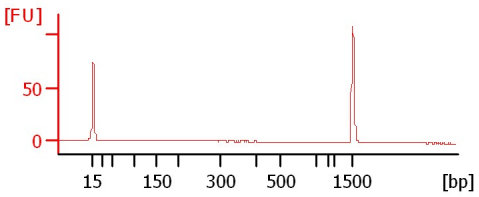
Sample 7



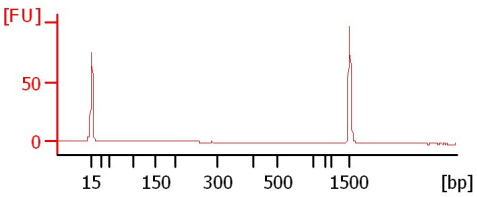
Sample 8



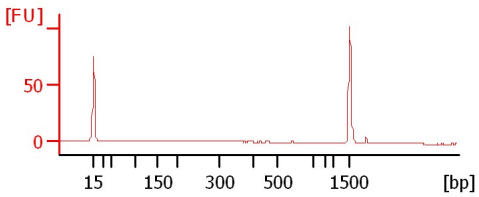
Sample 9



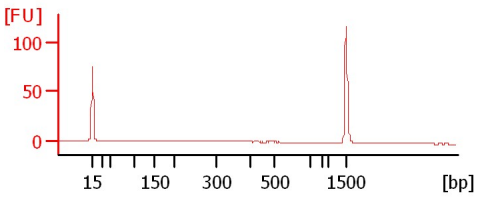
Sample 10



Sample 11



Sample 12



Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Statu s	Observation	Result Label	Result Color
CB_12.9.2024		☐	✔			
Sample 2		☐	✔			
Sample 3		☐	✔			
Sample 4		☐	✔			
Sample 5		☐	✔			
Sample 6		☐	✔			
Sample 7		☐	✔			
Sample 8		☐	✔			
Sample 9		☐	✔			
Sample 10		☐	✔			
Sample 11		☐	✔			
Sample 12		☐	✔			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

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

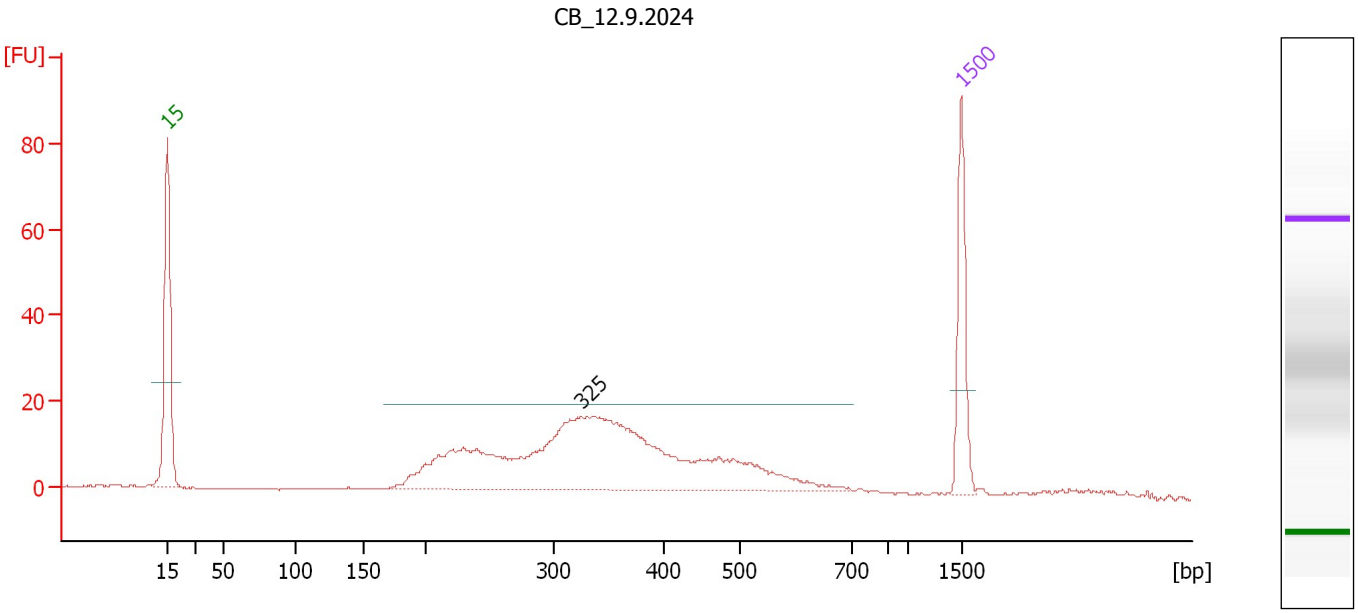
Ladder

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:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad

Created: 12.09.2024 13:28:33
Modified: 12.09.2024 14:13:16

Electropherogram Summary



Overall Results for sample 1 : CB_12.9.2024

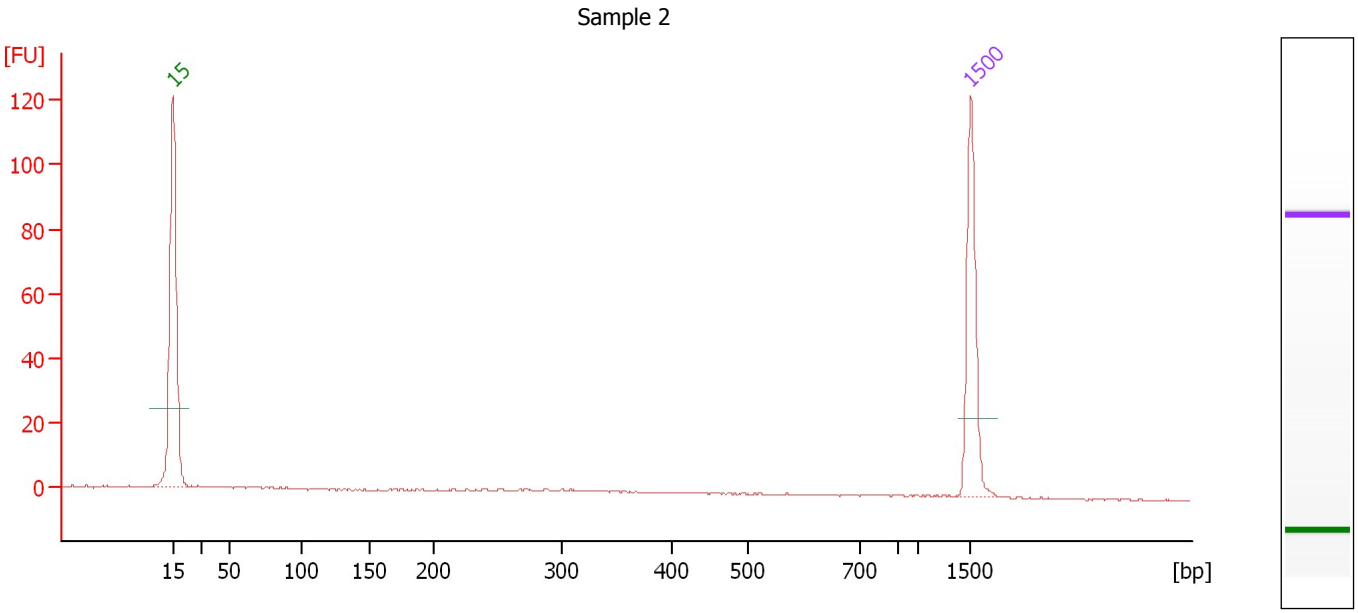
Number of peaks found: 1

Peak table for sample 1 : CB_12.9.2024

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	325	13,63	63,5	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 2 : Sample 2

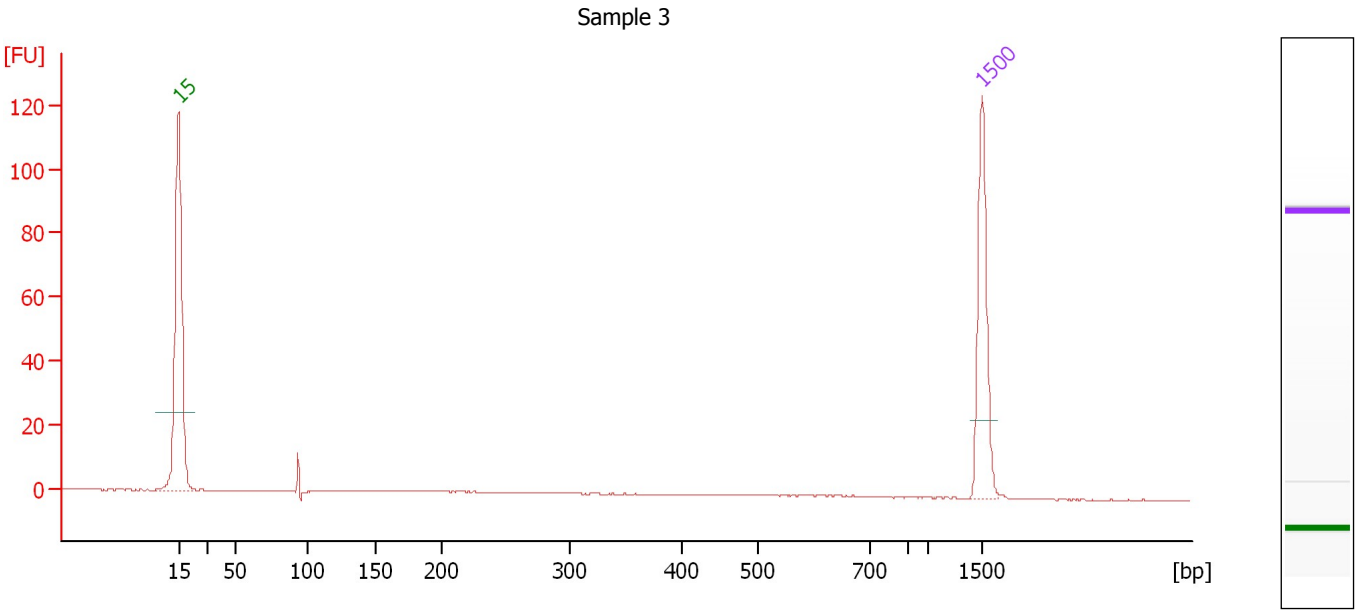
Number of peaks found: 0

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 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 3

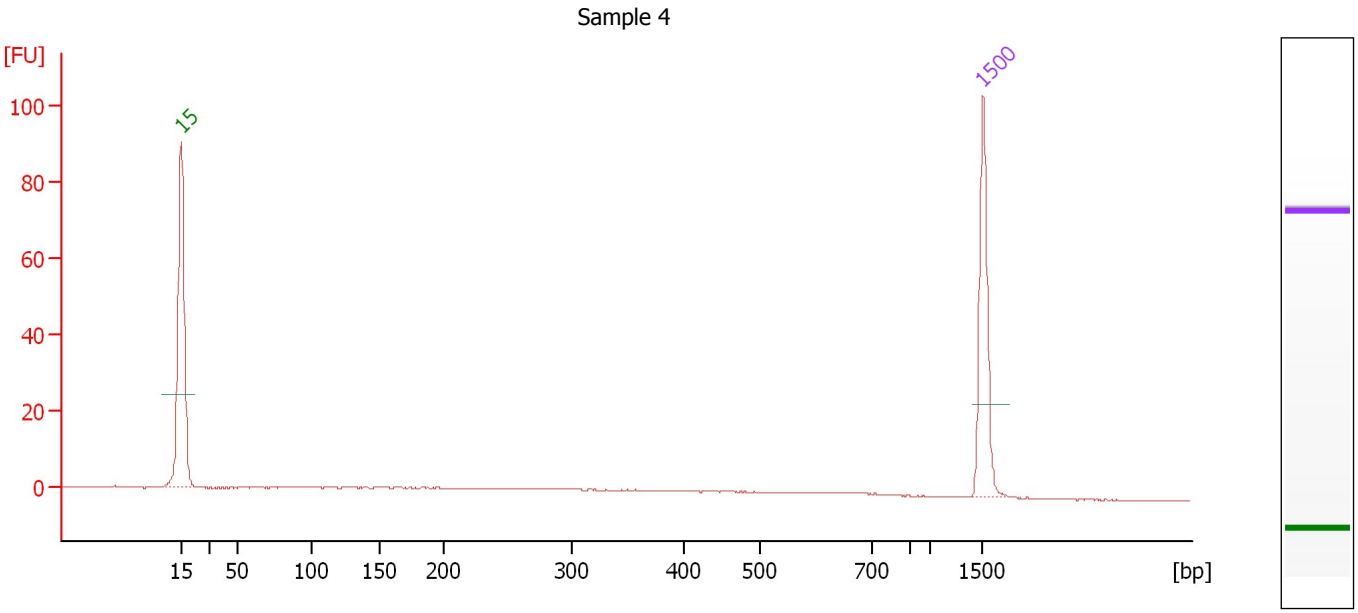
Number of peaks found: 0

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 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 4 : Sample 4

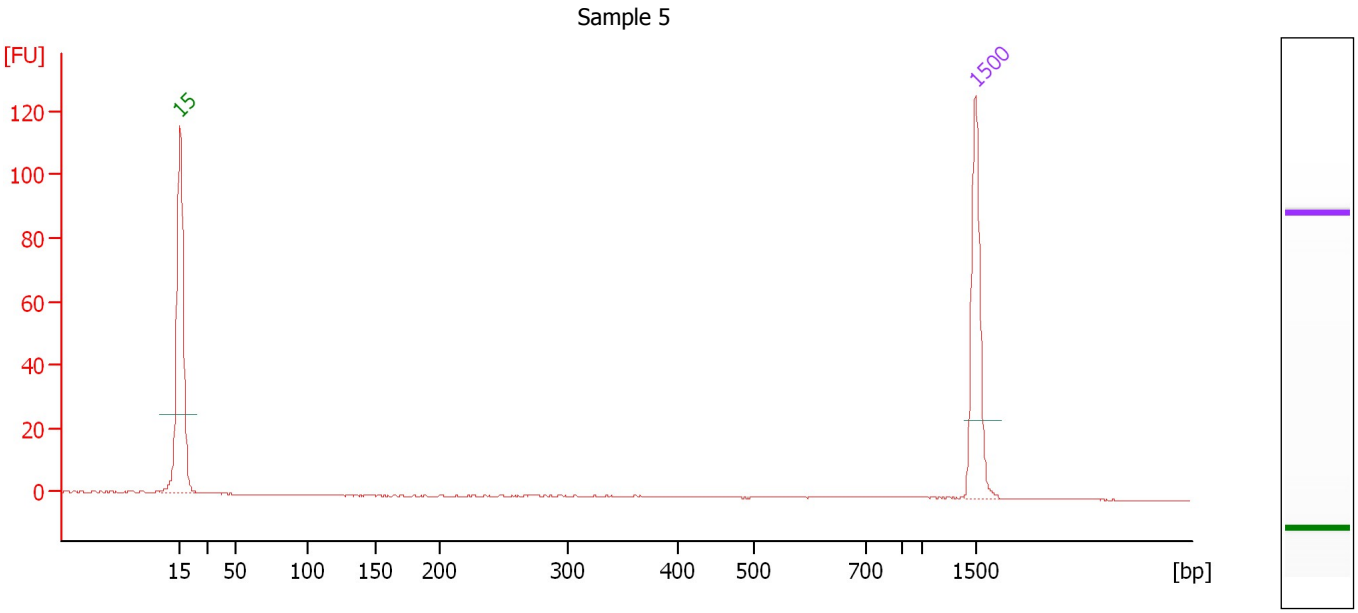
Number of peaks found: 0

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	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sample 5

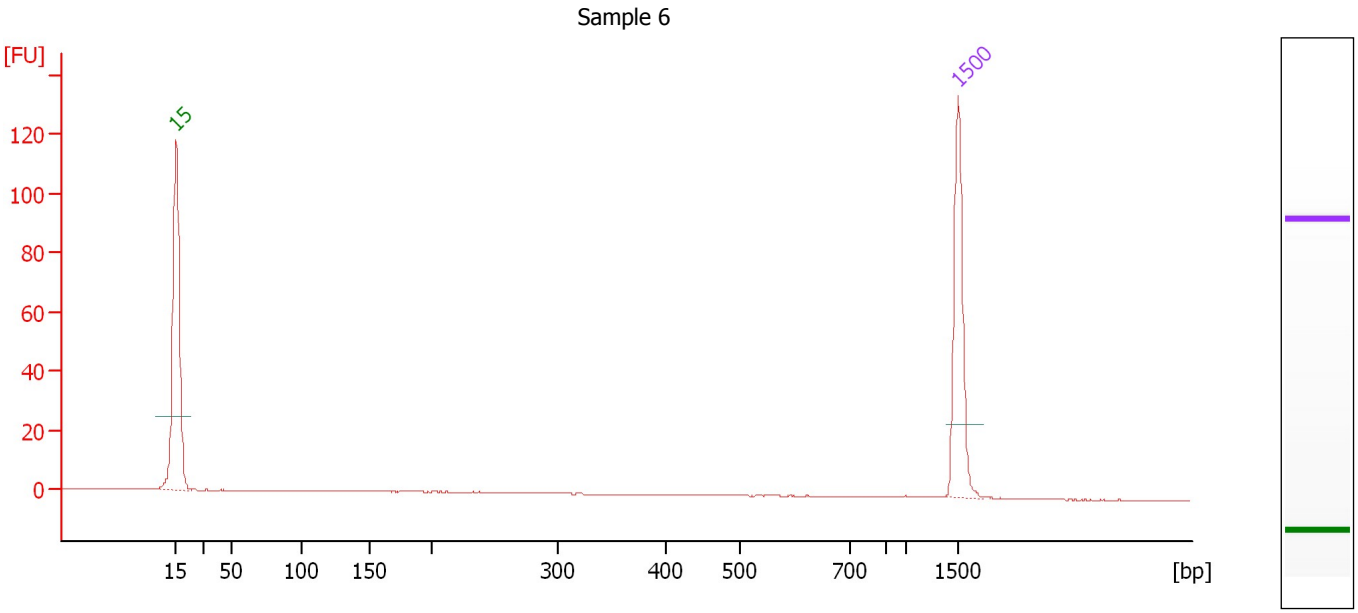
Number of peaks found: 0

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	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 6 : Sample 6

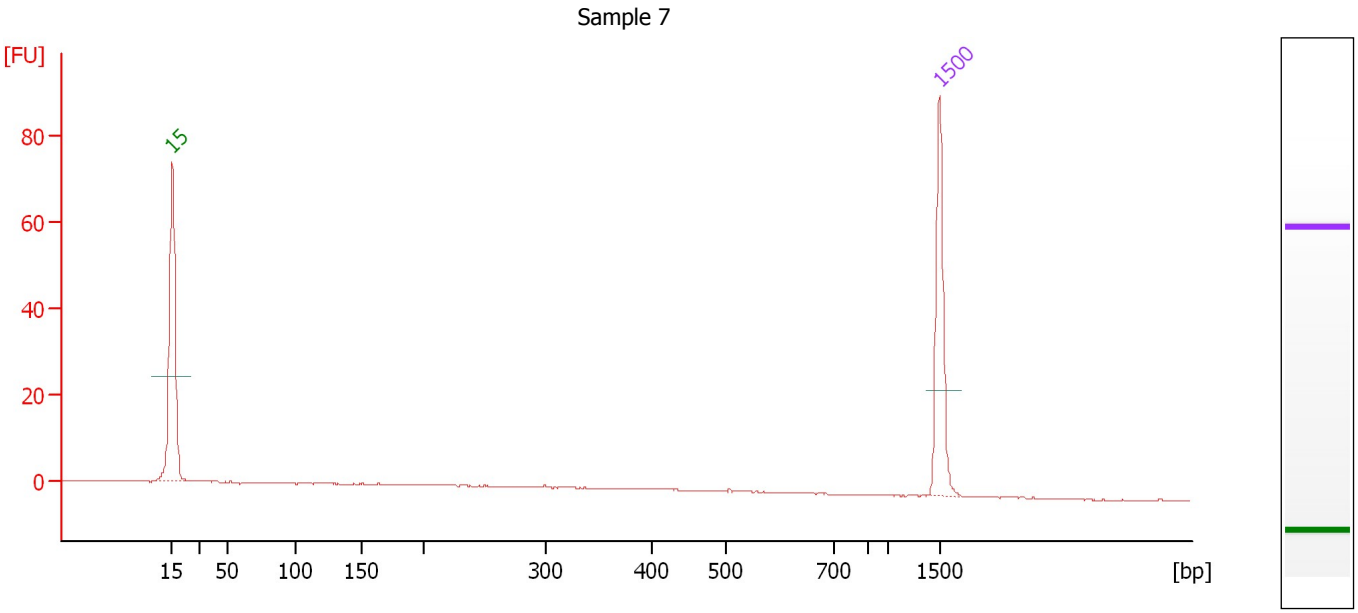
Number of peaks found: 0

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	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sample 7

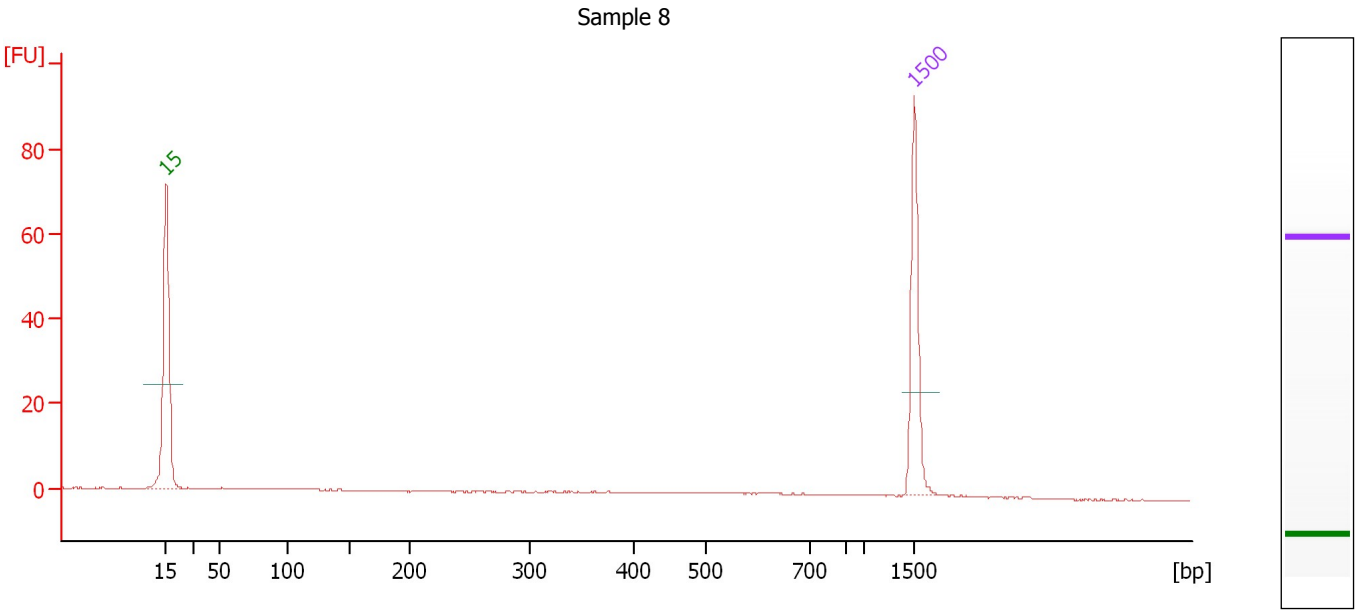
Number of peaks found: 0

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	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 8 : Sample 8

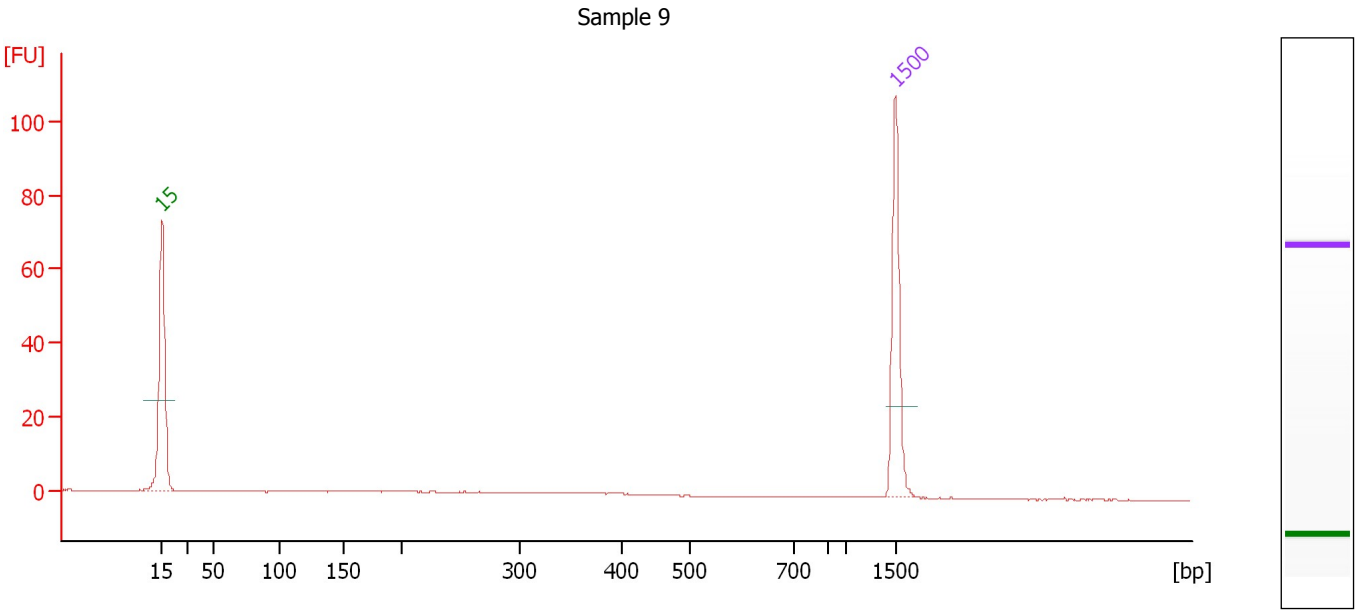
Number of peaks found: 0

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 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 9 : Sample 9

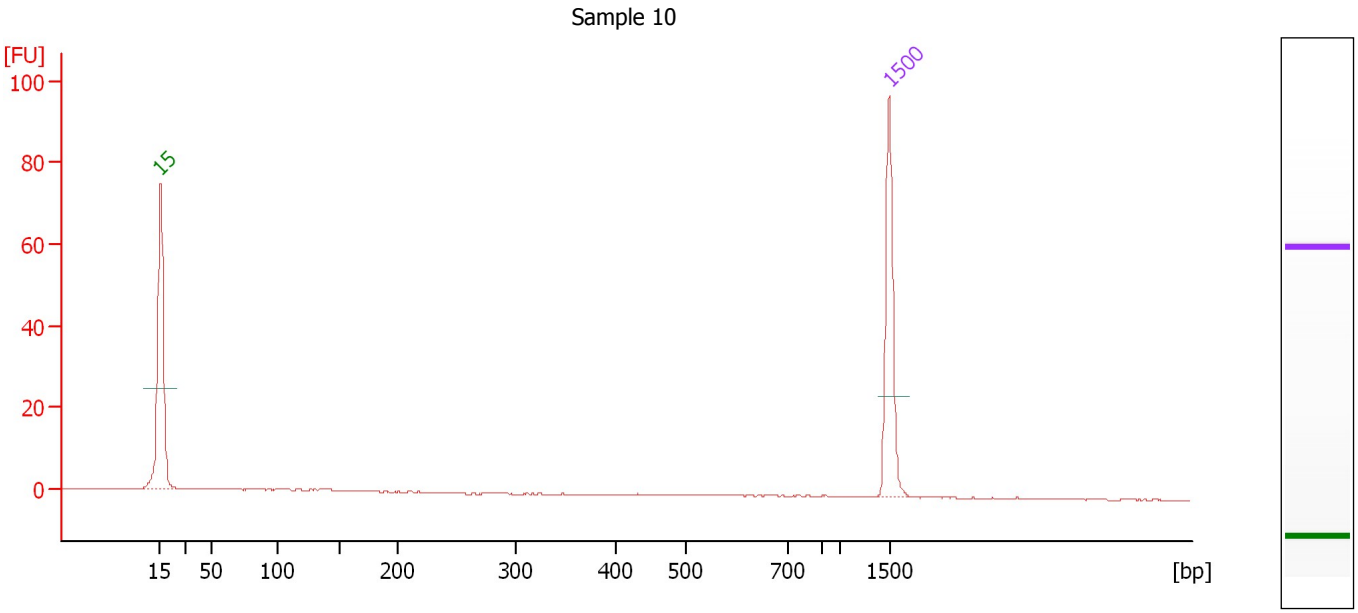
Number of peaks found: 0

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 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 10 : Sample 10

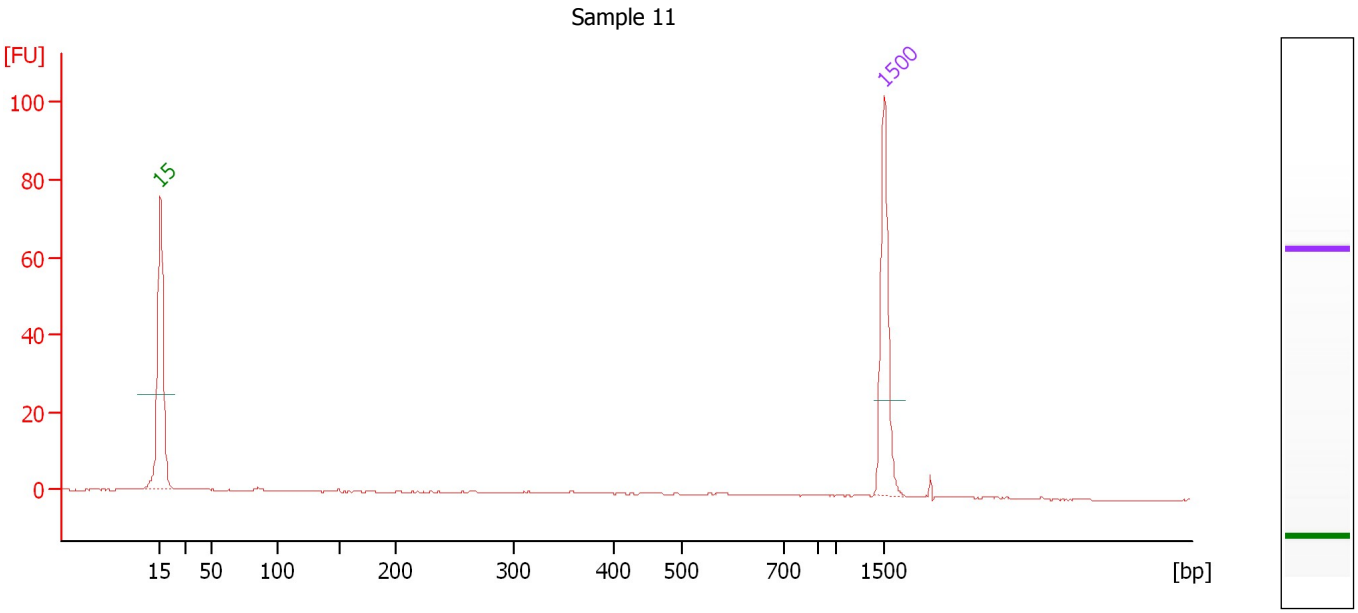
Number of peaks found: 0

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 Created: 12.09.2024 13:28:33
Data Path: C:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad Modified: 12.09.2024 14:13:16

Electropherogram Summary Continued ...



Overall Results for sample 11 : Sample 11

Number of peaks found: 0

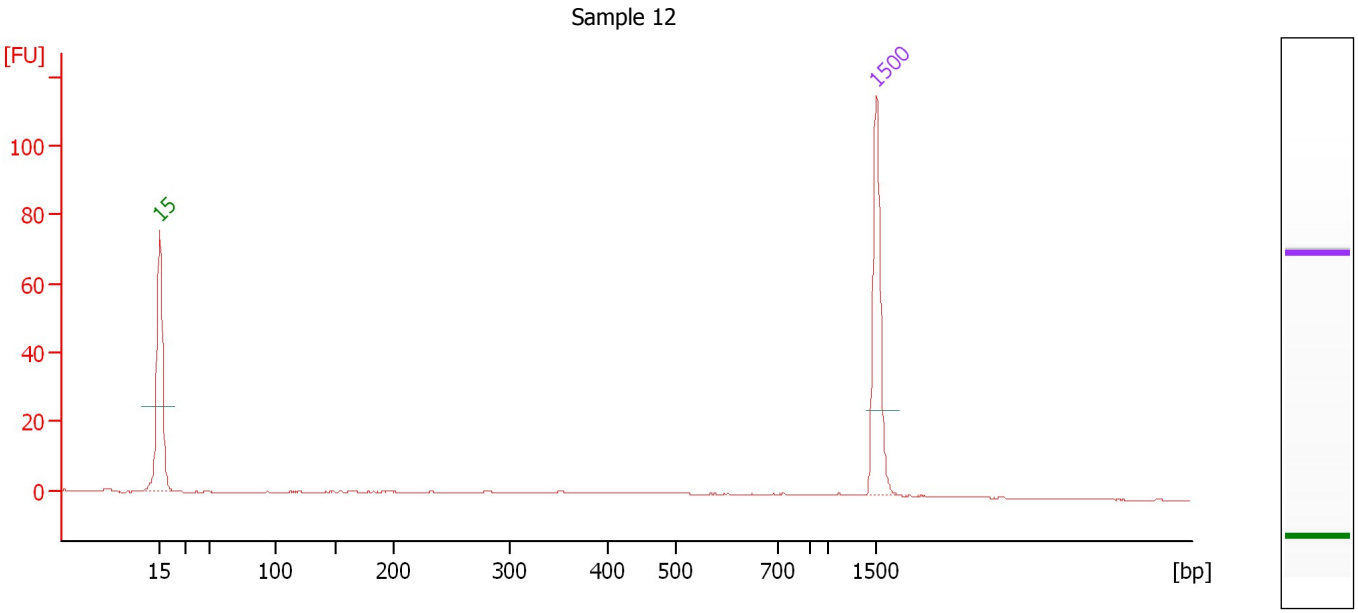
Peak table for sample 11 : Sample 11

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:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad

Created: 12.09.2024 13:28:33
Modified: 12.09.2024 14:13:16

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:\...-12\2100 expert_DNA 1000_DE72905120_2024-09-12_13-28-33.xad

Created: 12.09.2024 13:28:33
Modified: 12.09.2024 14:13:16

Gel Image