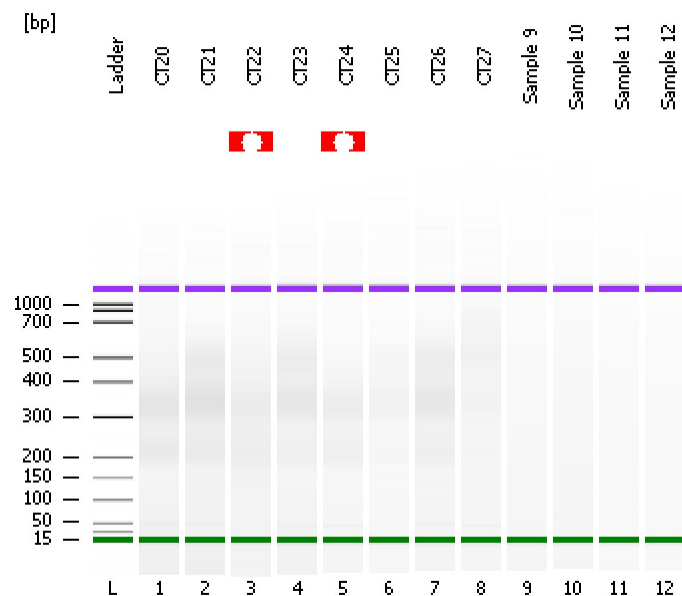


Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72905120
Serial#: DE72905120

Firmware: C.01.069
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

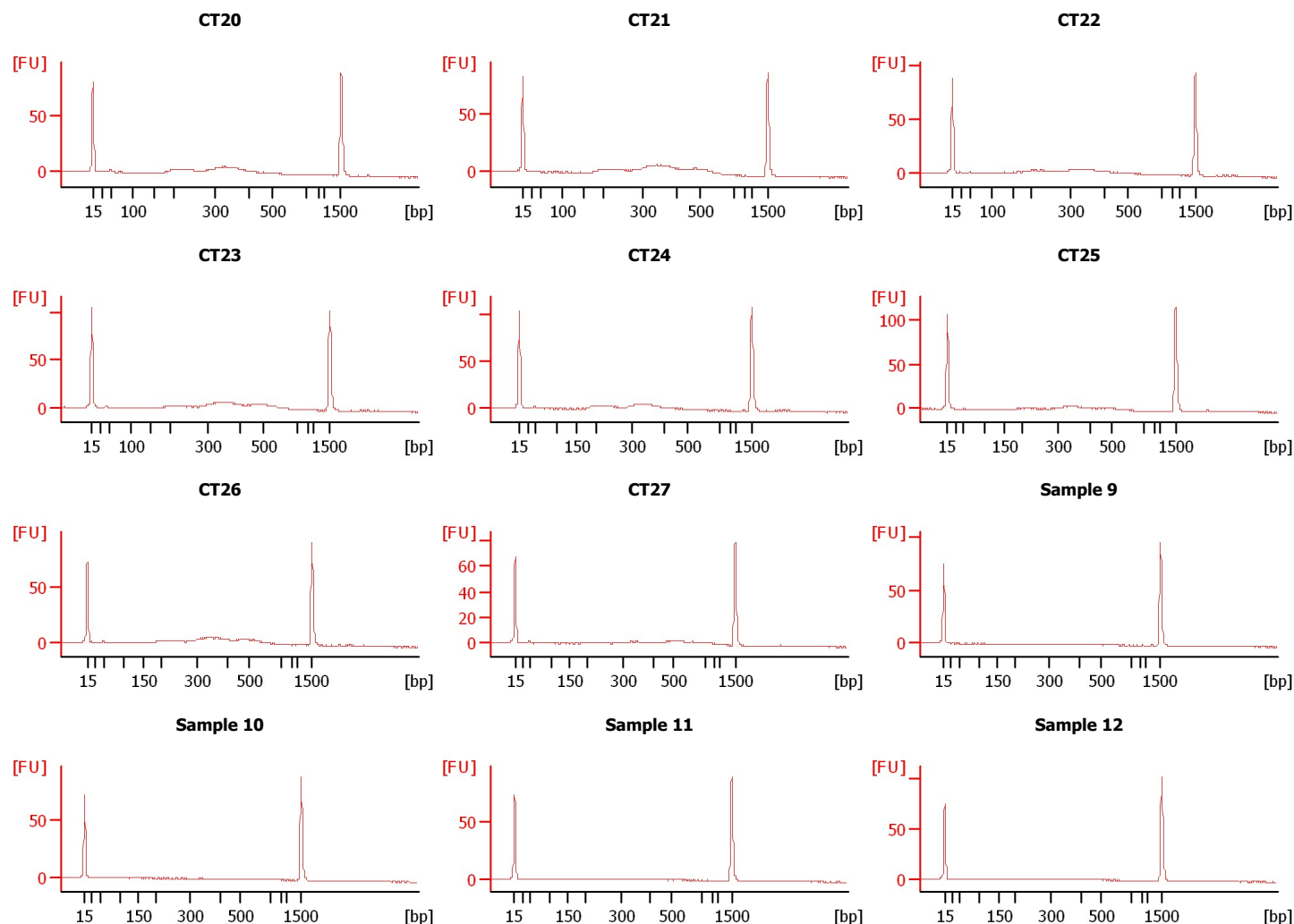
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status Observation	Result Label	Result Color
CT20		<input type="checkbox"/>	✓		
CT21		<input type="checkbox"/>	✓		
CT22		<input type="checkbox"/>	✗		
CT23		<input type="checkbox"/>	✓		
CT24		<input type="checkbox"/>	✗		
CT25		<input type="checkbox"/>	✓		
CT26		<input type="checkbox"/>	✓		
CT27		<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:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

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

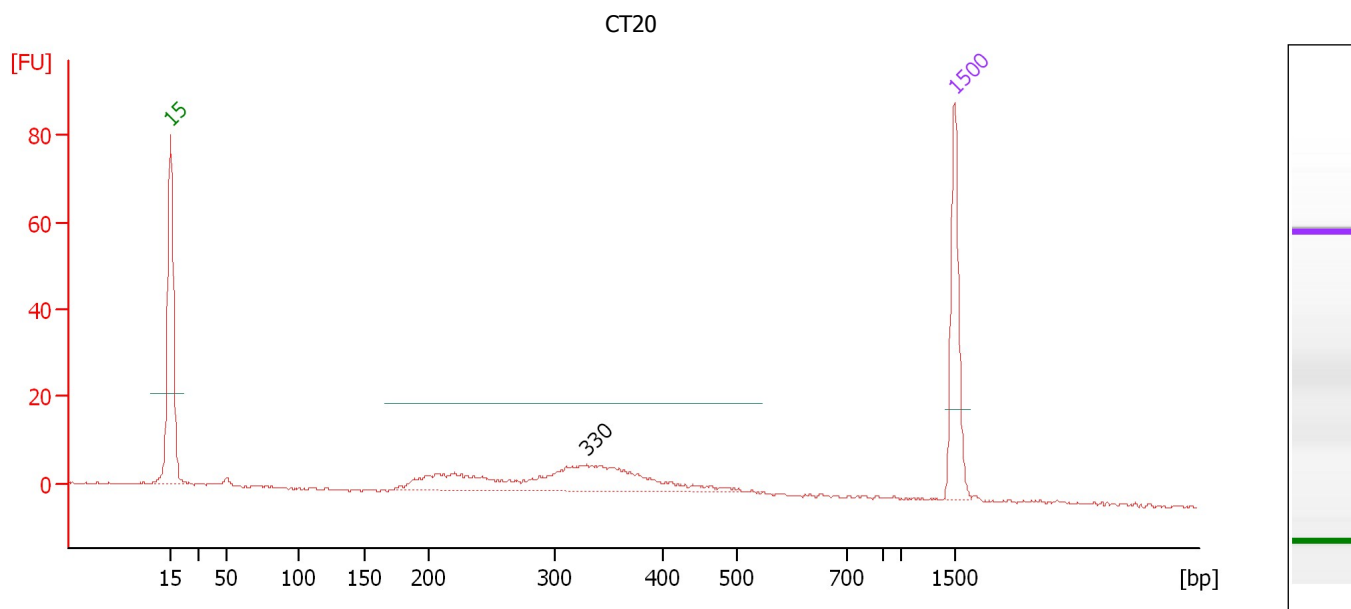
Filter Width [s] : 0,5
Polynomial Order : 4

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:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary**Overall Results for sample 1 : CT20**

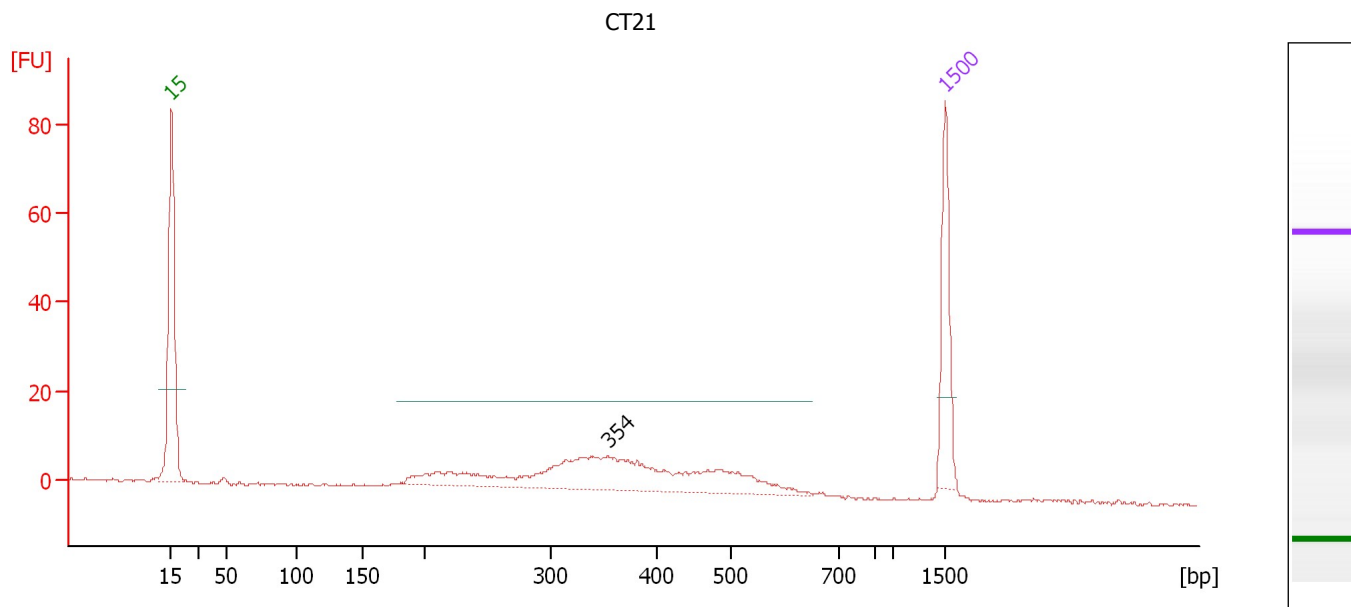
Number of peaks found: 1

Peak table for sample 1 : CT20

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	330	3,83	17,6	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 2 : CT21**

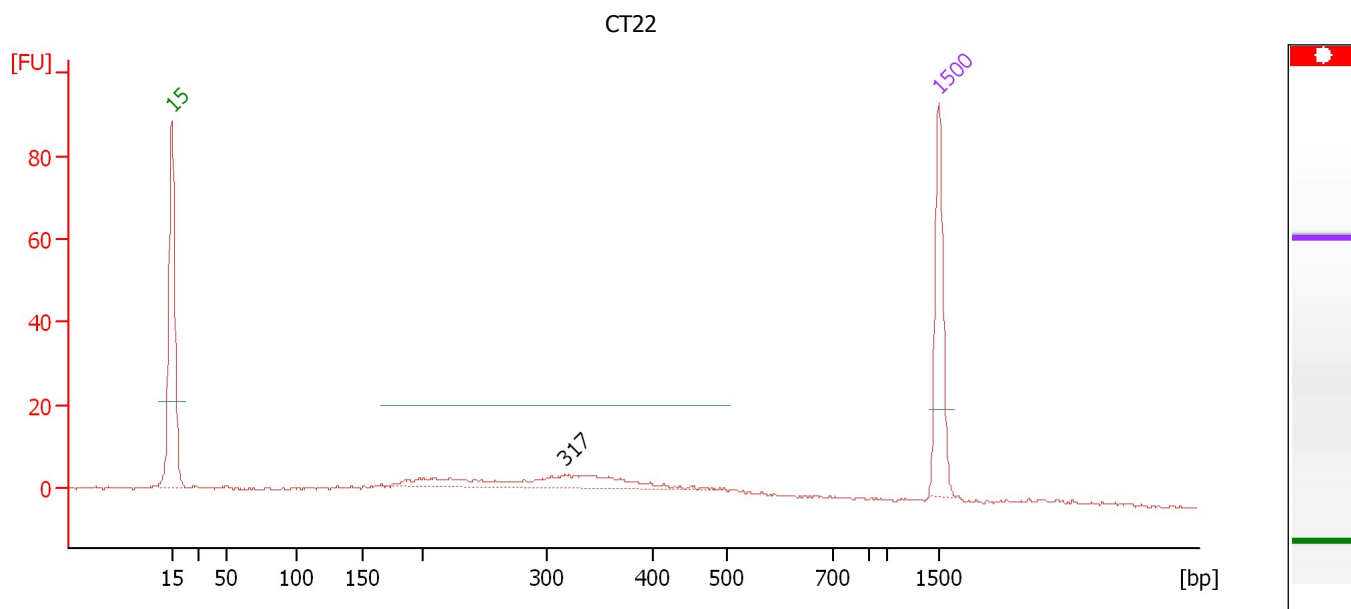
Number of peaks found: 1

Peak table for sample 2 : CT21

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	354	5,76	24,6	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 3 : CT22**

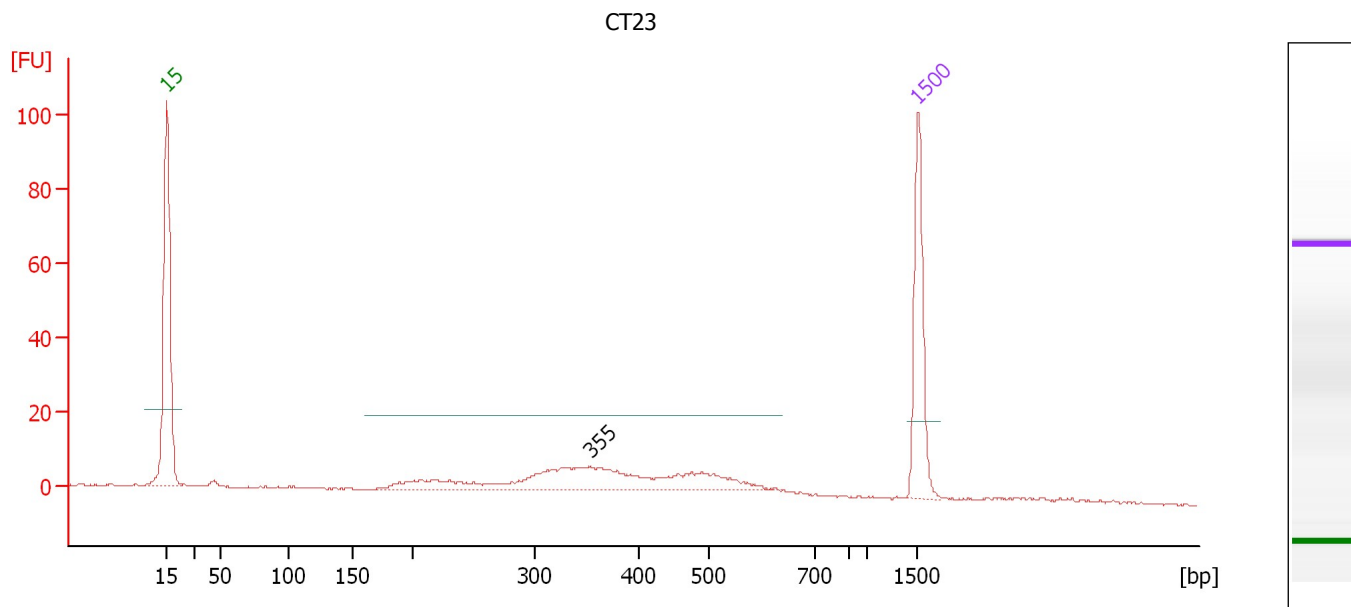
Number of peaks found: 1

Peak table for sample 3 : CT22

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	317	1,78	8,5	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 4 : CT23**

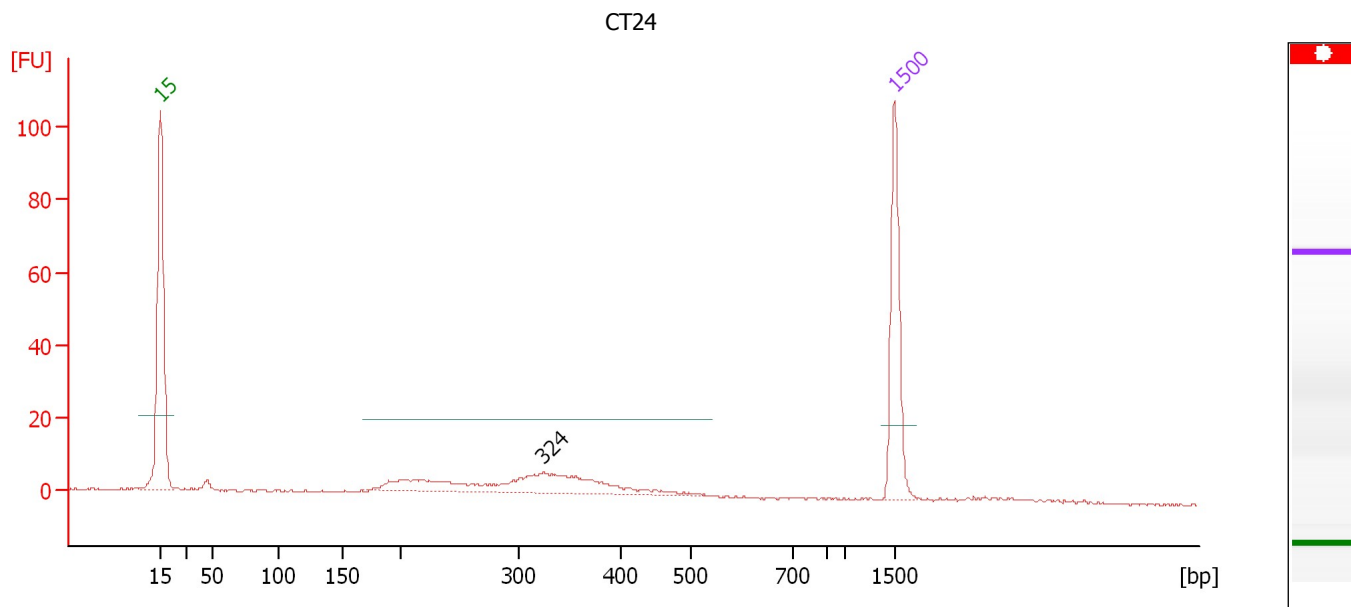
Number of peaks found: 1

Peak table for sample 4 : CT23

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	355	3,44	14,7	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 5 : CT24**

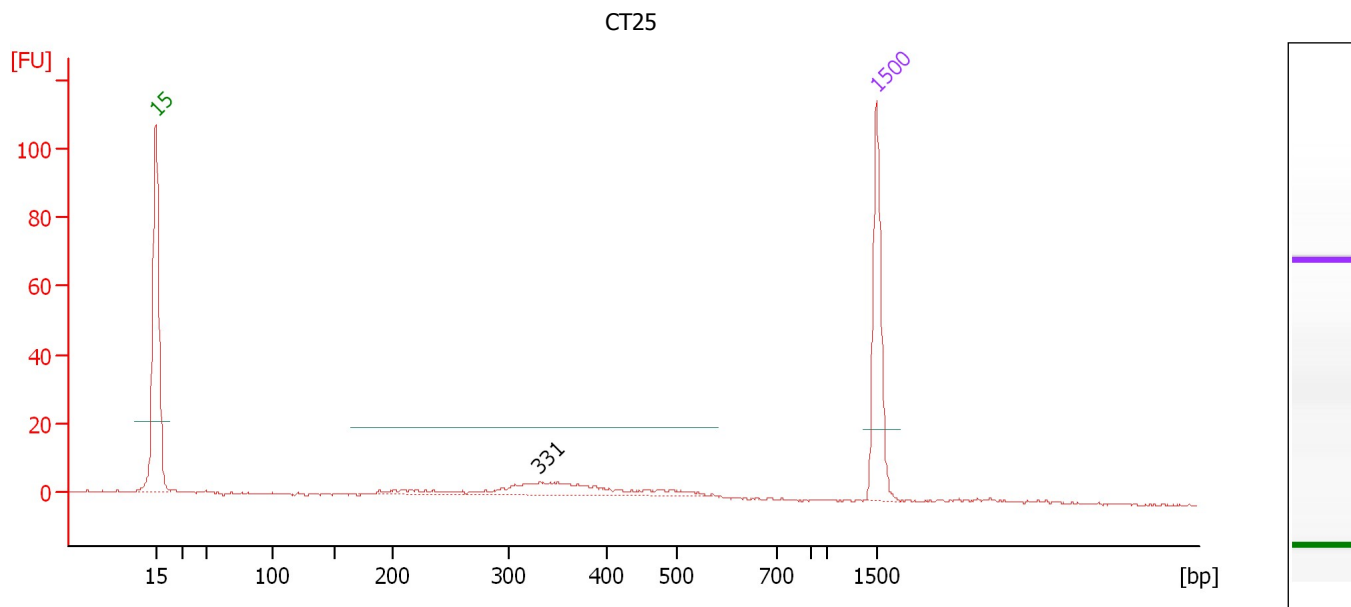
Number of peaks found: 1

Peak table for sample 5 : CT24

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	324	2,38	11,1	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 6 : CT25**

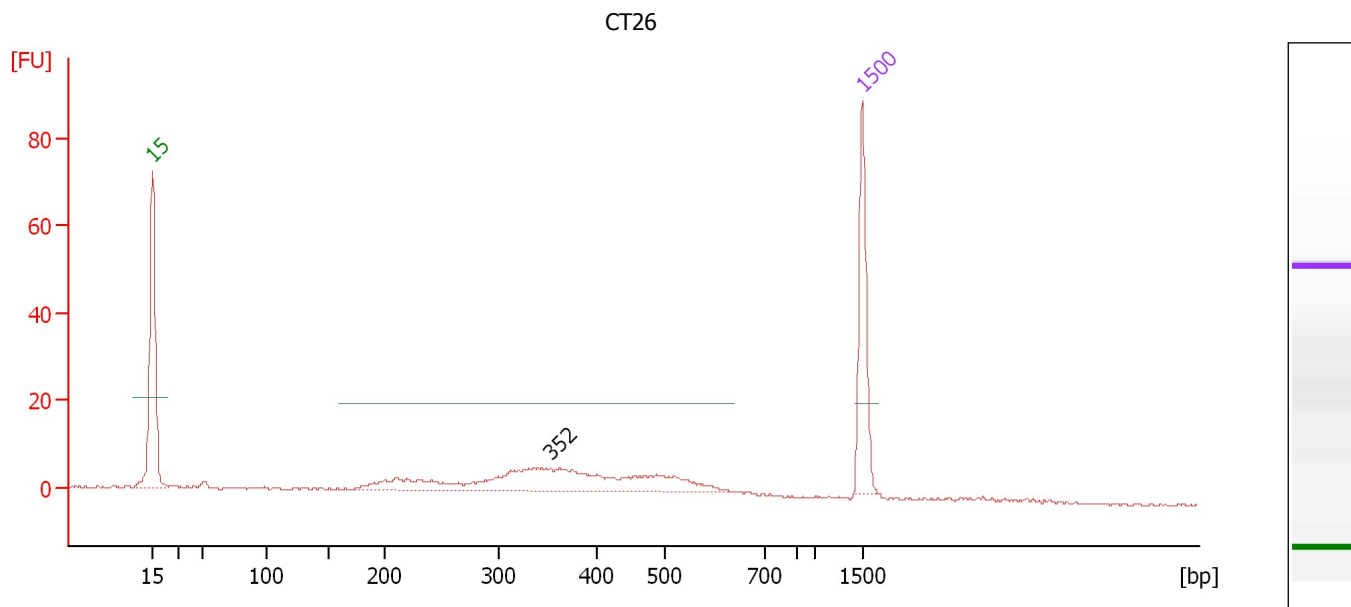
Number of peaks found: 1

Peak table for sample 6 : CT25

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	331	1,54	7,0	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 7 : CT26**

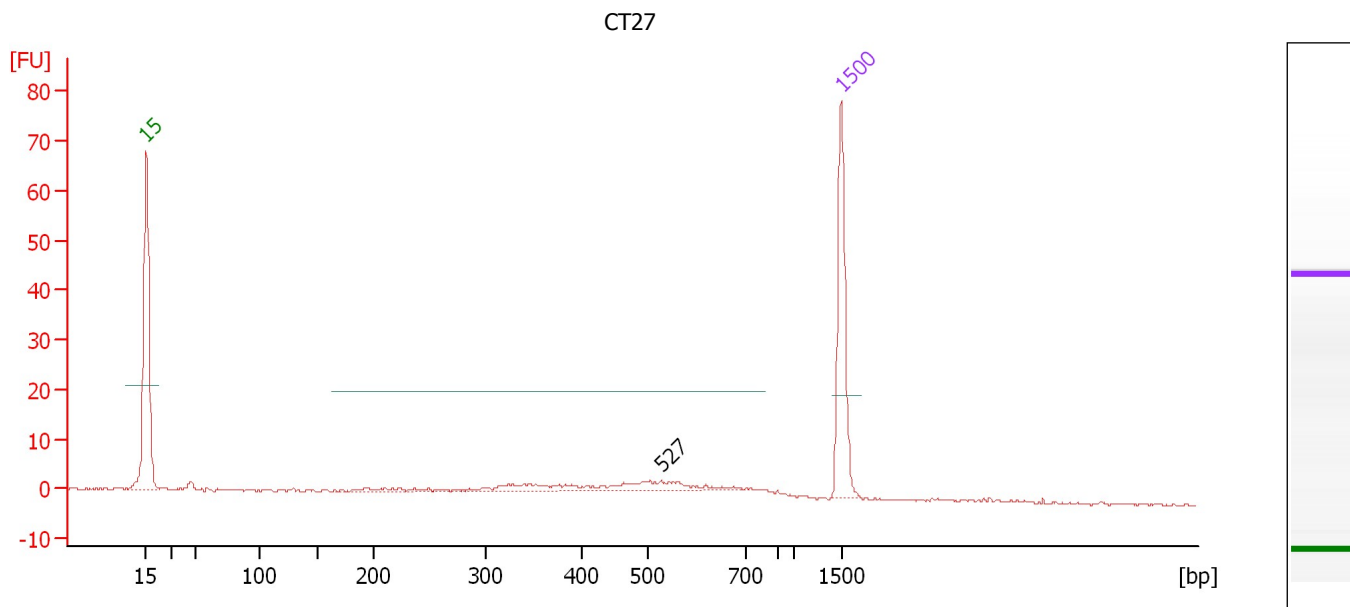
Number of peaks found: 1

Peak table for sample 7 : CT26

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	352	4,09	17,6	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

Electropherogram Summary Continued ...**Overall Results for sample 8 : CT27**

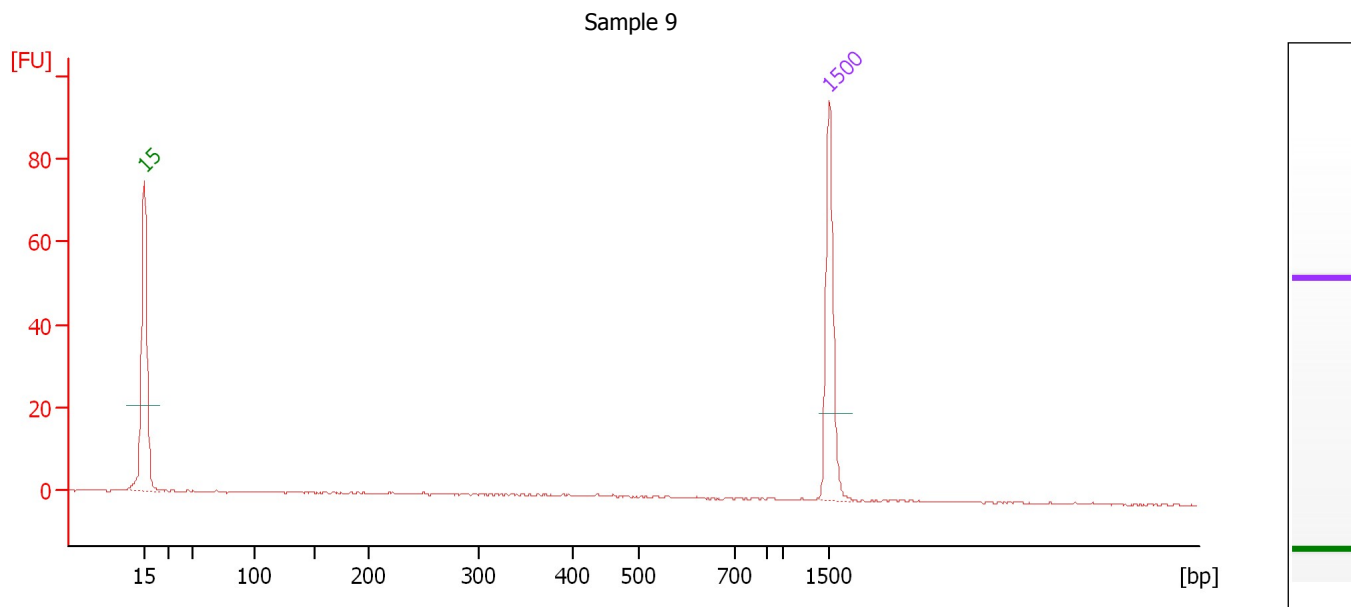
Number of peaks found: 1

Peak table for sample 8 : CT27

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4,20	424,2	Lower Marker
2	527	1,23	3,5	
3	1.500	2,10	2,1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

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

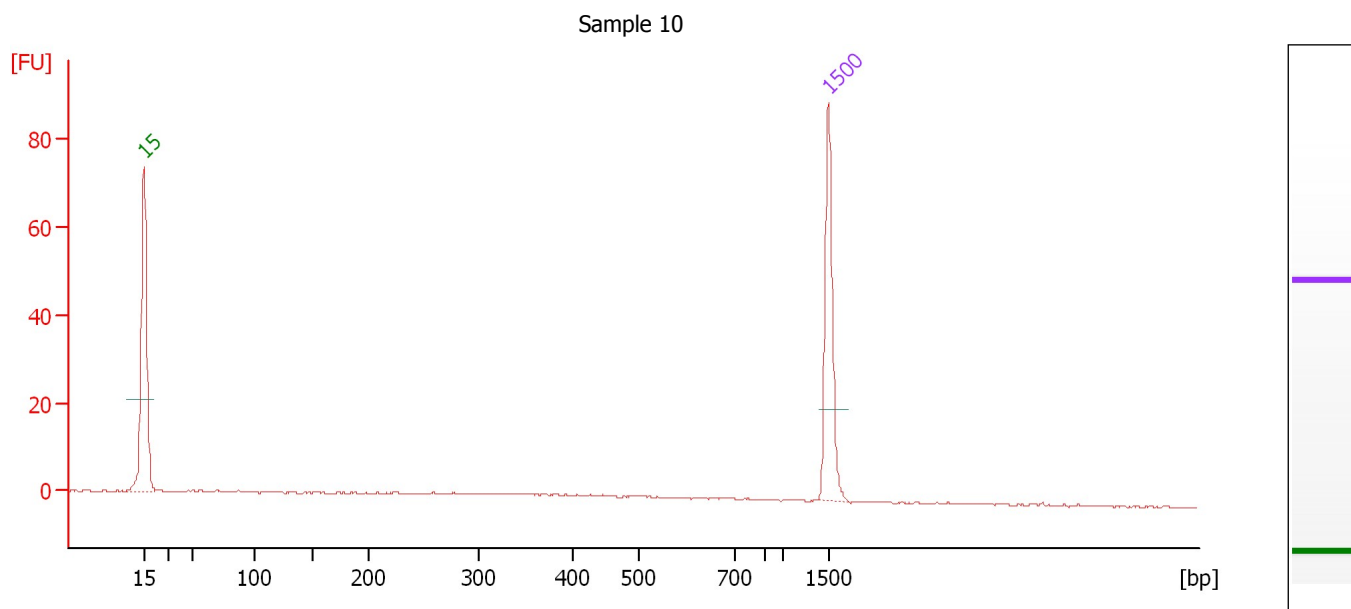
Number of peaks found: 0

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:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

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

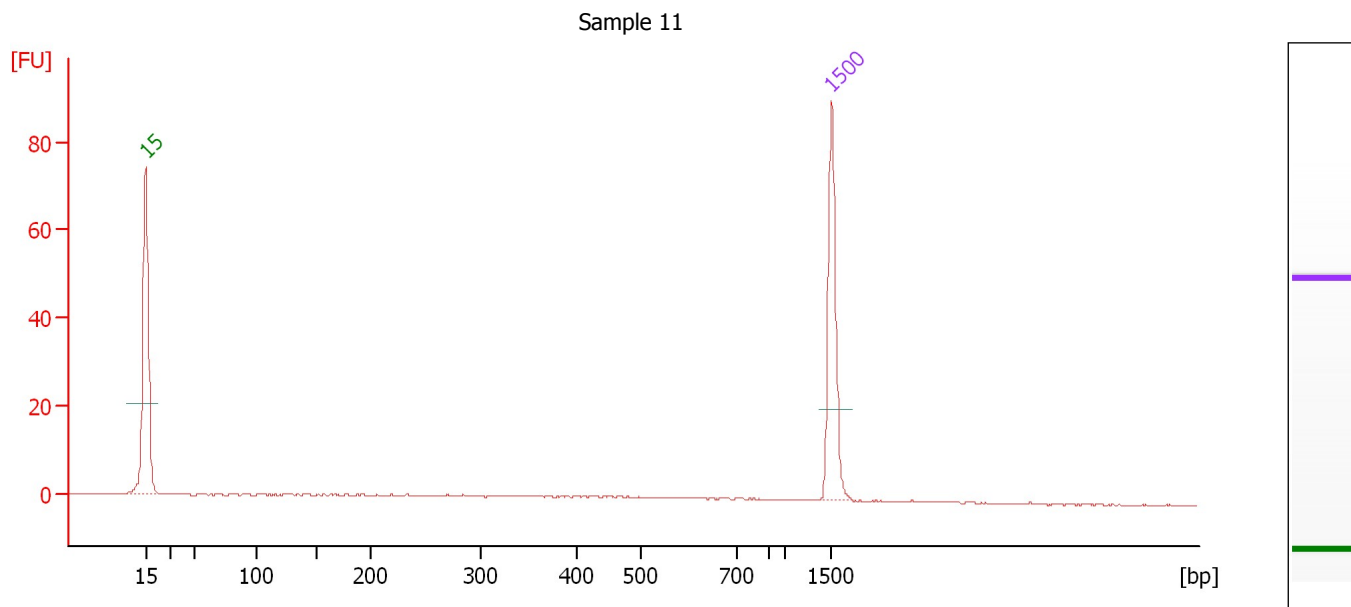
Number of peaks found: 0

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:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

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

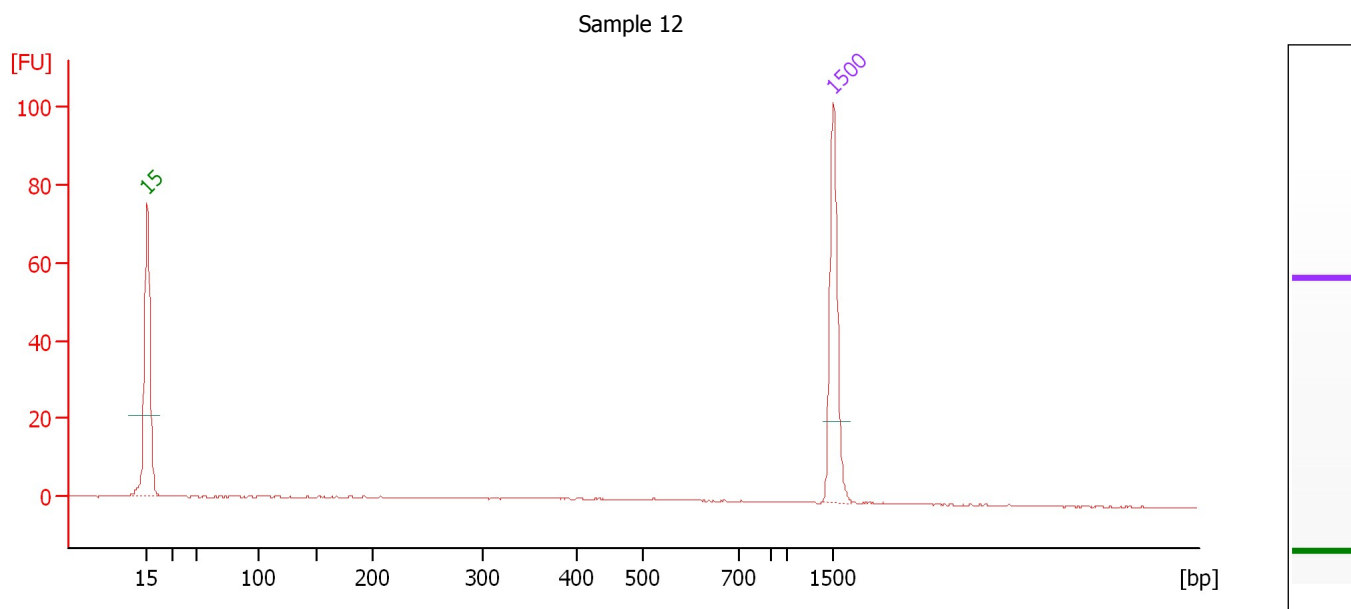
Number of peaks found: 0

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:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

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:\...-11\2100 expert_DNA 1000_DE72905120_2024-09-11_13-02-30.xad

Created: 11.09.2024 13:02:30
Modified: 11.09.2024 14:12:17

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