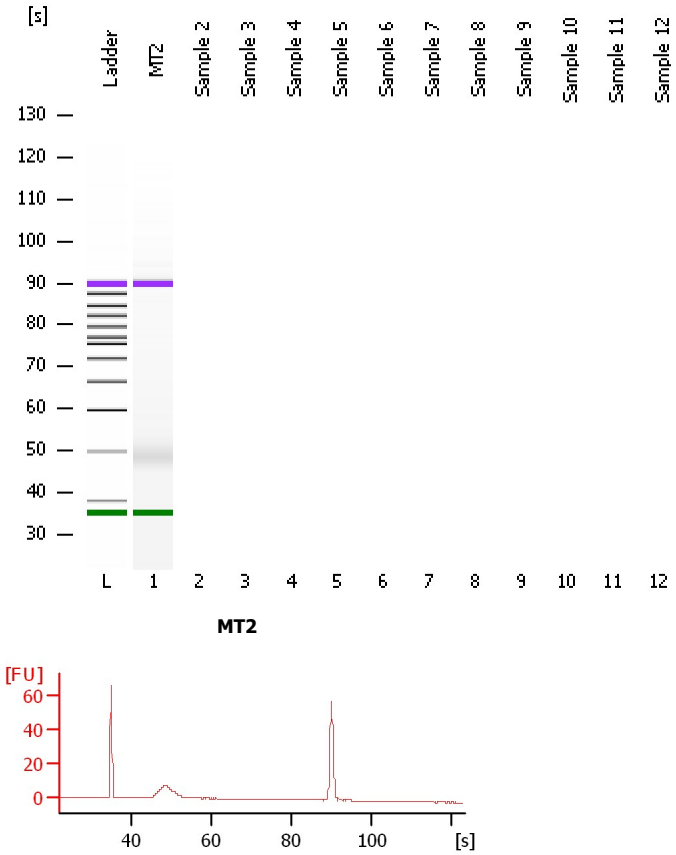
Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-24\2019-01-24_001.xad

Created: 1/24/2019 1:32:02 PM
Modified: 1/24/2019 1:43:39 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name:	DE34903152	Firmware:	C.01.069
Serial#:	DE34903152	Type:	G2938C

Assay Information:

Assay Origin Path:	C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 12000 Series II.xsy
Assay Class:	DNA 12000
Version:	2.4
Assay Comments:	DNA Analysis 100 -12000 bp

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

Assay Class: DNA 12000 Created: 1/24/2019 1:32:02 PM
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-24\2019-01-24_001.xad Modified: 1/24/2019 1:43:39 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MT2		☐	✔			
Sample 2		☐				
Sample 3		☐				
Sample 4		☐				
Sample 5		☐				
Sample 6		☐				
Sample 7		☐				
Sample 8		☐				
Sample 9		☐				
Sample 10		☐				
Sample 11		☐				
Sample 12		☐				
Ladder		☐	✔			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

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Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 99
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 98.95
Ladder Concentration [ng/µl] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/µl] : 8.3
Upper Marker Concentration [ng/µl] : 4.2
Used Upper Marker for Quantitation
This is a Qualitative Assay Only
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 20
Integration End Time [s] : 98.95
Slope Threshold : 0.8
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	50	120
2	100	48
3	300	61
4	500	77
5	700	81
6	1000	86
7	1500	92
8	2000	92
9	3000	96
10	5000	100
11	7000	98
12	10380	102
13	17000	110

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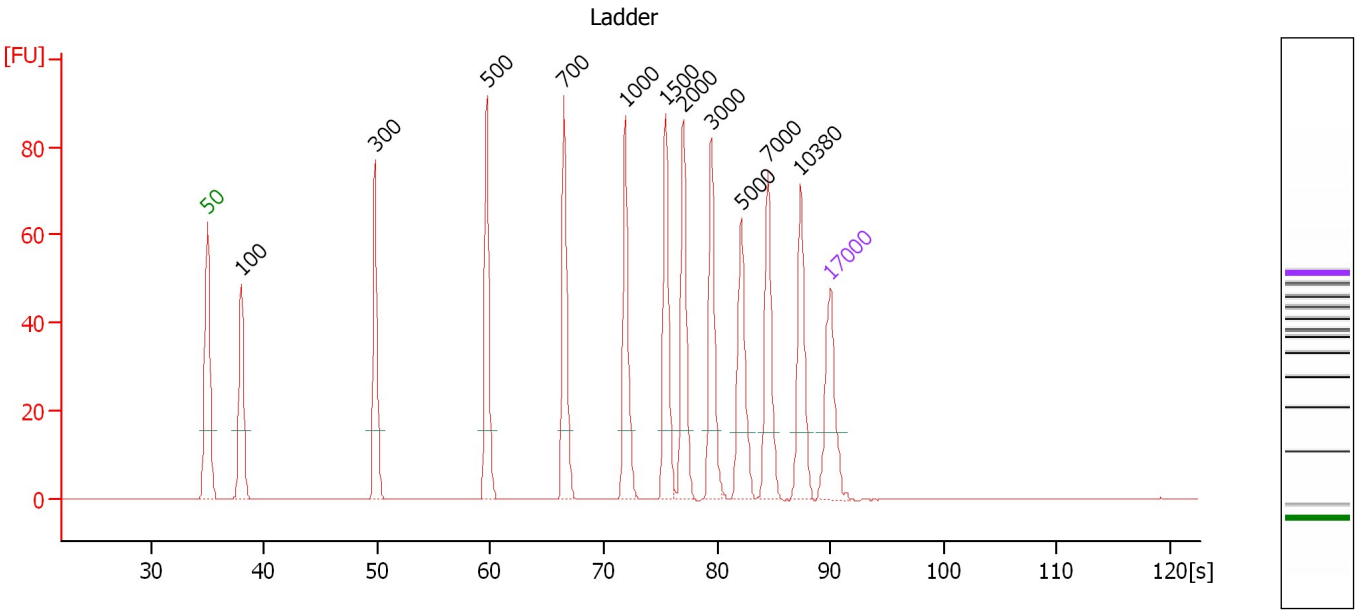
Electropherogram Summary



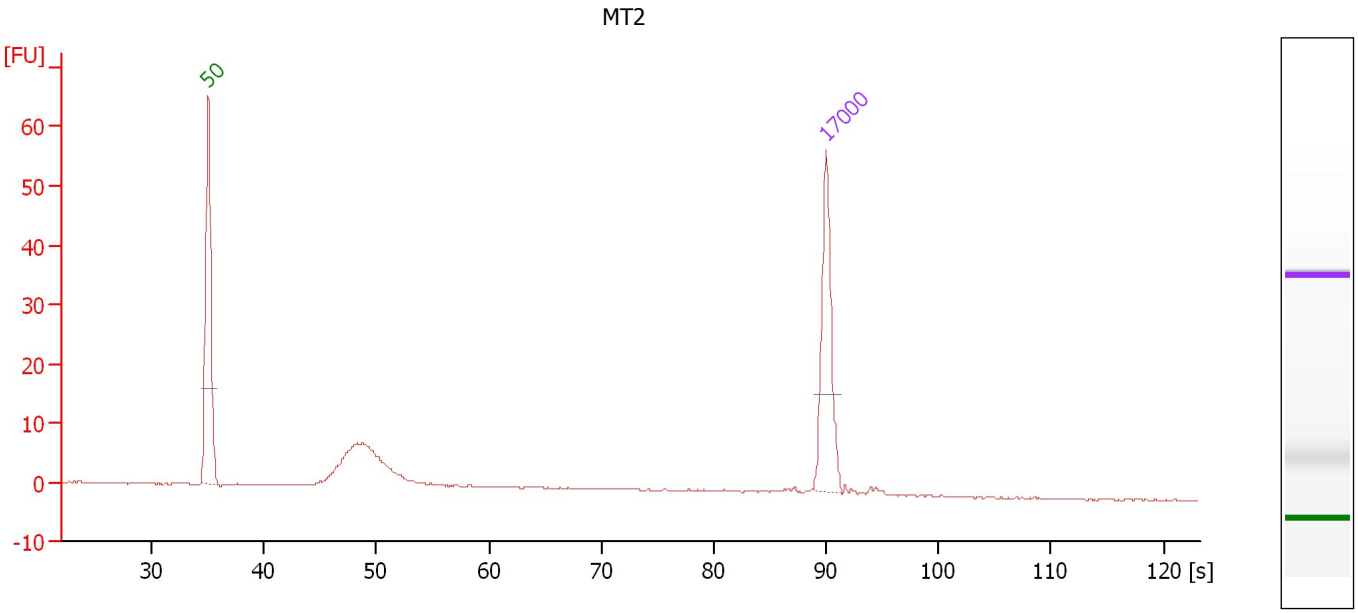
Peak table for Ladder

Peak		Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1		50	8.30	251.5	Lower Marker
2		100	4.00	60.6	Ladder Peak
3		300	4.00	20.2	Ladder Peak
4		500	4.00	12.1	Ladder Peak
5		700	4.00	8.7	Ladder Peak
6		1,000	4.00	6.1	Ladder Peak
7		1,500	4.00	4.0	Ladder Peak
8		2,000	4.00	3.0	Ladder Peak
9		3,000	4.00	2.0	Ladder Peak
10		5,000	4.00	1.2	Ladder Peak
11		7,000	4.00	0.9	Ladder Peak
12		10,380	4.00	0.6	Ladder Peak
13		17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-24\2019-01-24_001.xad

Created: 1/24/2019 1:32:02 PM
Modified: 1/24/2019 1:43:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : MT2

Number of peaks found: 0

Peak table for sample 1 : MT2

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-24\2019-01-24_001.xad

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Gel Image