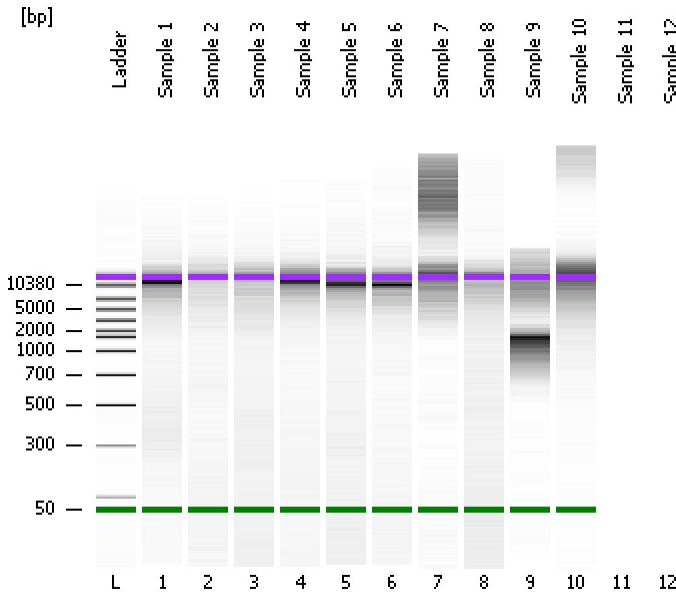


Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-15\2017-12-15_001.xad

Created: 12/15/2017 10:35:46 AM
Modified: 12/15/2017 11:06:34 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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

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Chip Information:

Chip Lot #:

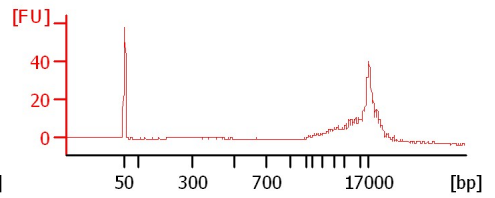
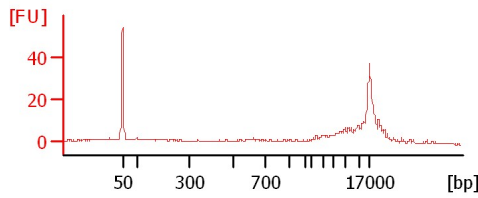
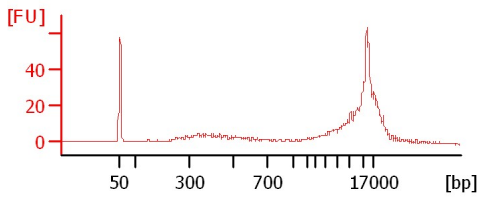
Reagent Kit Lot #:

Chip Comments:

Sample 1

Sample 2

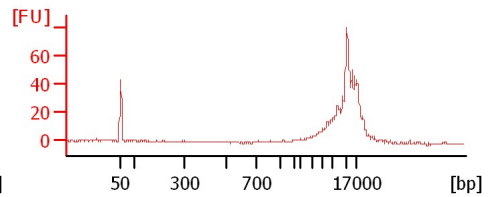
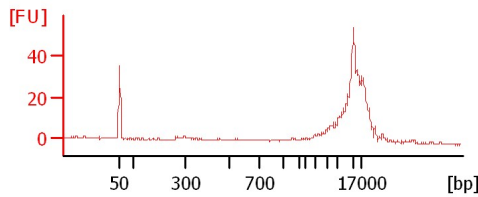
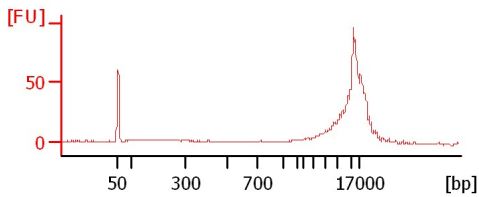
Sample 3



Sample 4

Sample 5

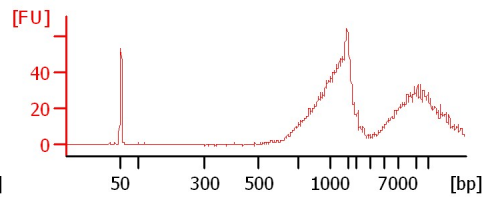
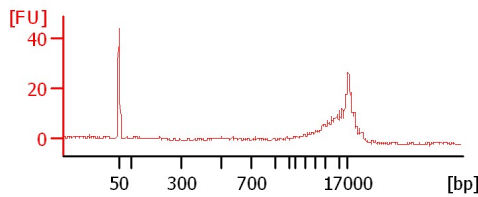
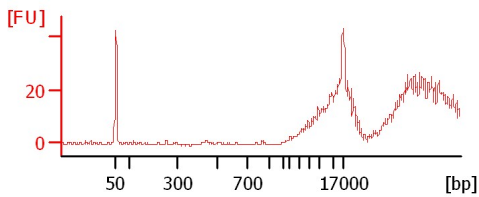
Sample 6



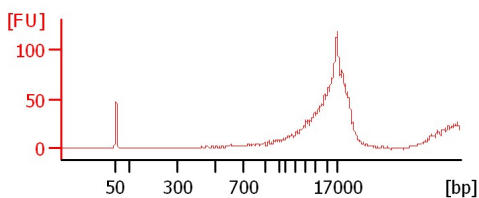
Sample 7

Sample 8

Sample 9



Sample 10



Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-15\2017-12-15_001.xad

Created: 12/15/2017 10:35:46 AM
 Modified: 12/15/2017 11:06:34 AM

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"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

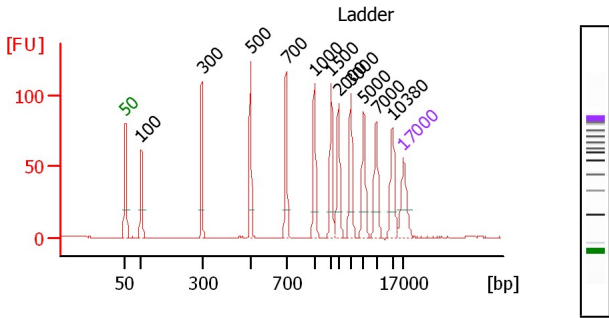
Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-15\2017-12-15_001.xad

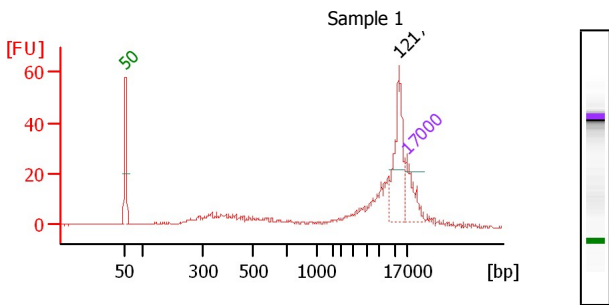
Created: 12/15/2017 10:35:46 AM
 Modified: 12/15/2017 11:06:34 AM

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

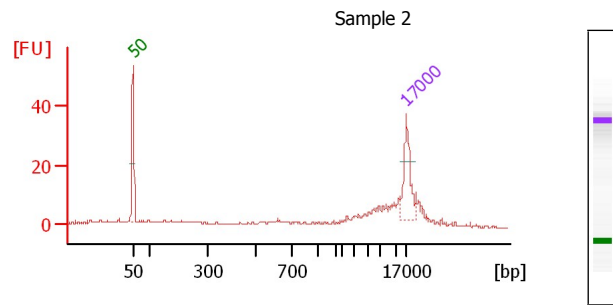


Overall Results for sample 1 : Sample 1

Number of peaks found: 1

Peak table for sample 1 : Sample 1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	12,176	9.66	1.2	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 2 : Sample 2

Number of peaks found: 0

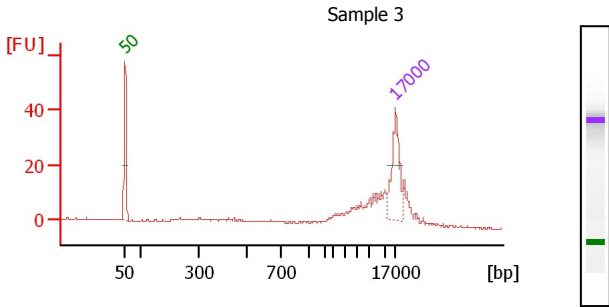
Peak table for sample 2 : Sample 2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	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\2017-12-15\2017-12-15_001.xad

Created: 12/15/2017 10:35:46 AM
 Modified: 12/15/2017 11:06:34 AM

Electropherogram Summary Continued ...

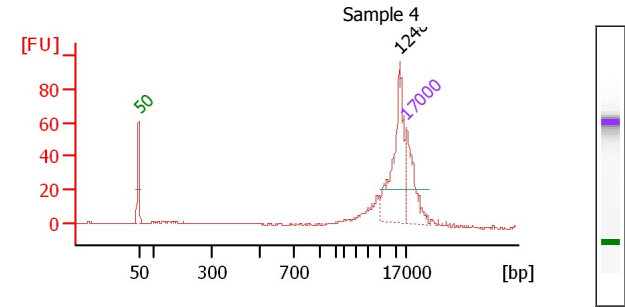


Overall Results for sample 3 : Sample 3

Number of peaks found: 0

Peak table for sample 3 : Sample 3

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

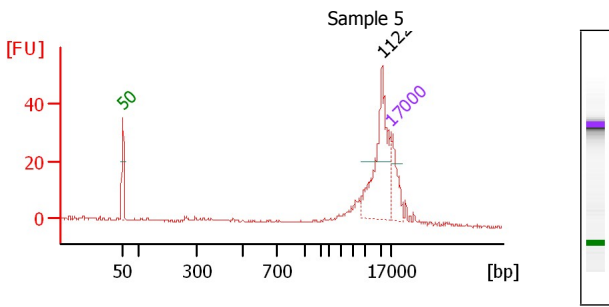


Overall Results for sample 4 : Sample 4

Number of peaks found: 1

Peak table for sample 4 : Sample 4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	12,481	8.35	1.0	
3	17,000	4.20	0.4	Upper Marker

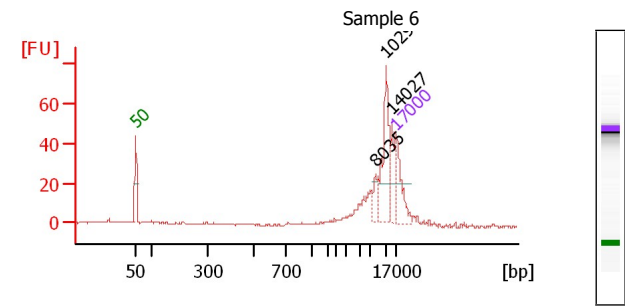


Overall Results for sample 5 : Sample 5

Number of peaks found: 1

Peak table for sample 5 : Sample 5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	11,227	13.58	1.8	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 6 : Sample 6

Number of peaks found: 3

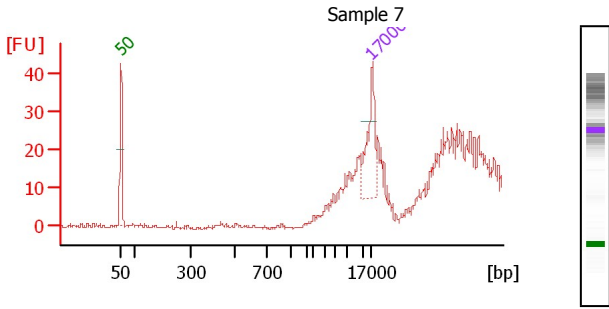
Peak table for sample 6 : Sample 6

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	8,035	1.78	0.3	
3	10,296	8.04	1.2	
4	14,027	2.72	0.3	
5	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-15\2017-12-15_001.xad

Created: 12/15/2017 10:35:46 AM
 Modified: 12/15/2017 11:06:34 AM

Electropherogram Summary Continued ...

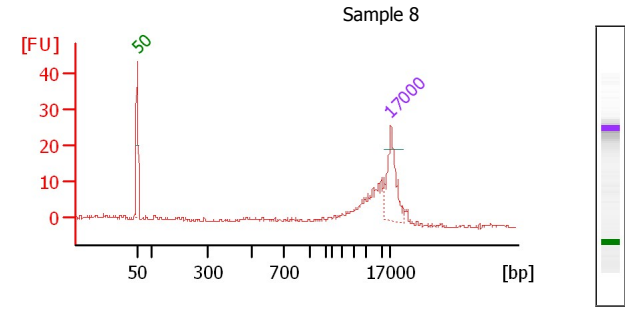


Overall Results for sample 7 : Sample 7

Number of peaks found: 0

Peak table for sample 7 : Sample 7

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

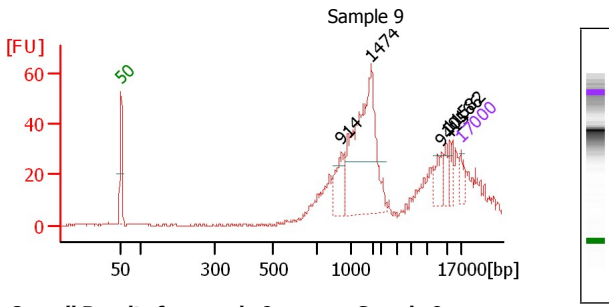


Overall Results for sample 8 : Sample 8

Number of peaks found: 0

Peak table for sample 8 : Sample 8

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

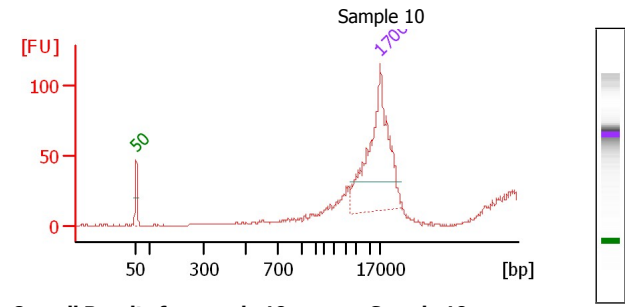


Overall Results for sample 9 : Sample 9

Number of peaks found: 5

Peak table for sample 9 : Sample 9

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	914	12.87	21.3	
3	1,474	67.12	69.0	
4	9,415	6.85	1.1	
5	10,166	5.62	0.8	
6	11,582	5.11	0.7	
7	17,000	4.20	0.4	Upper Marker



Overall Results for sample 10 : Sample 10

Number of peaks found: 0

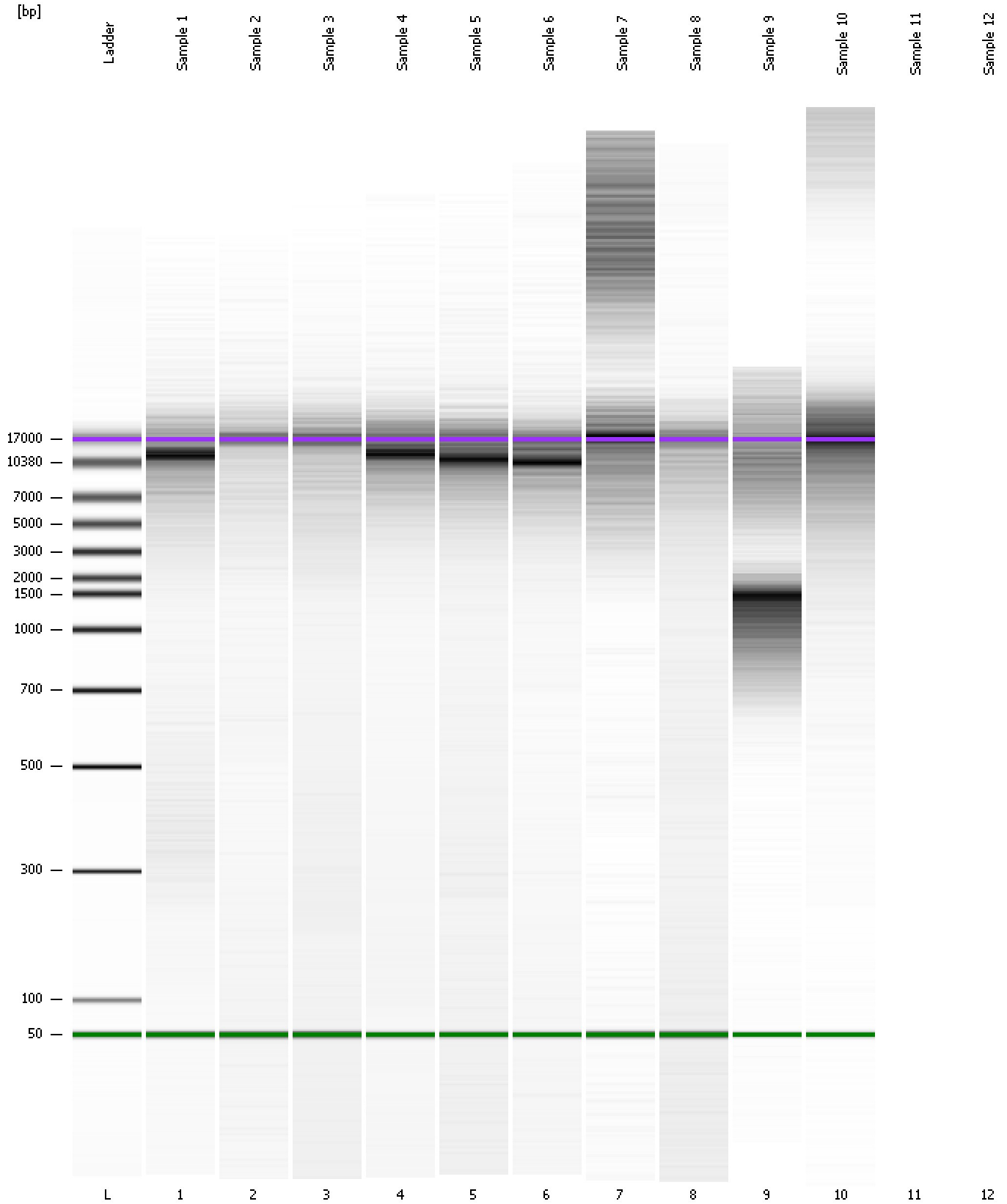
Peak table for sample 10 : Sample 10

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	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\2017-12-15\2017-12-15_001.xad

Created: 12/15/2017 10:35:46 AM
Modified: 12/15/2017 11:06:34 AM

Gel Image



Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-15\2017-12-15_001.xad

Created: 12/15/2017 10:35:46 AM
Modified: 12/15/2017 11:06:34 AM

Invalid Samples

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.