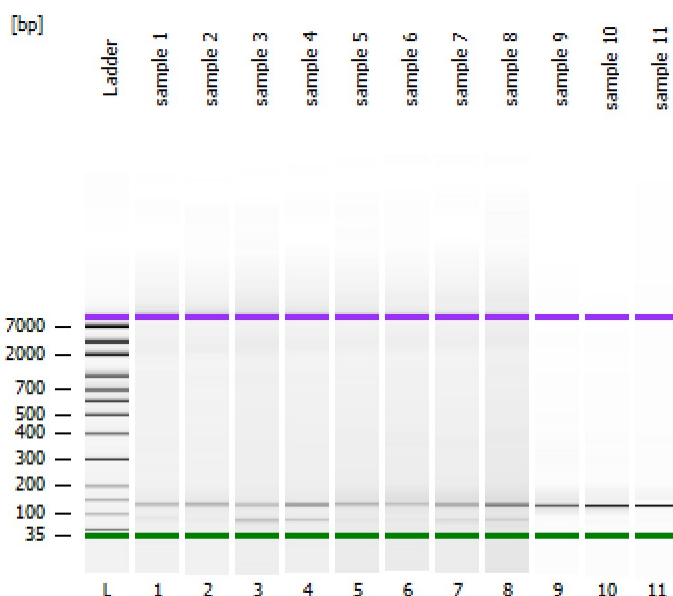


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE54107881\_2022-02-09\_12-22-43.xad

Created: 2/9/2022 12:22:42 PM  
Modified: 2/9/2022 2:13:04 PM

### Electrophoresis File Run Summary



#### Instrument Information:

Instrument Name: DE54107881 Firmware: C.01.069  
Serial#: DE54107881 Type: G2939A

#### Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy

Assay Class: High Sensitivity DNA Assay

Version: 1.03

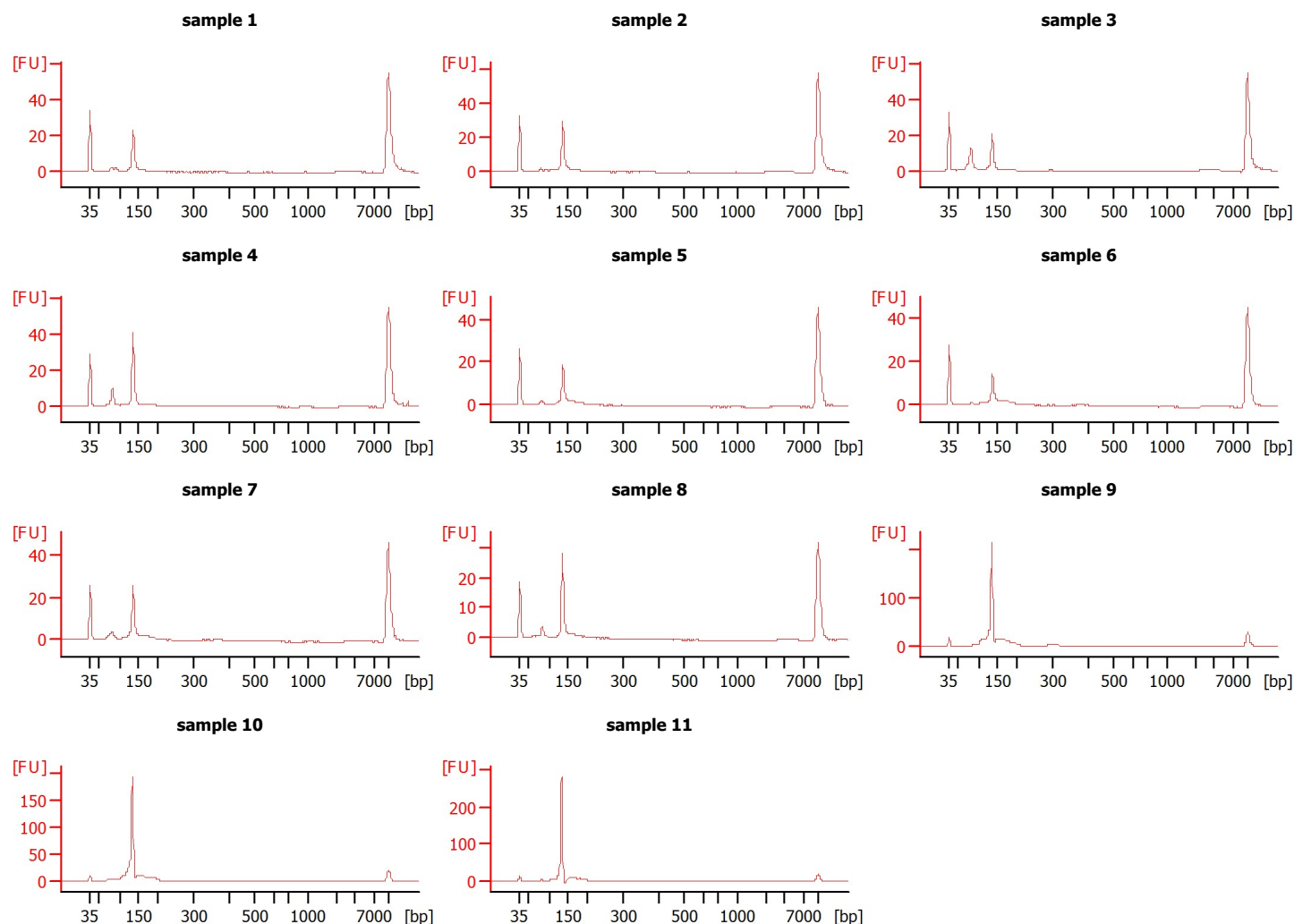
Assay Comments: Copyright © 2003-2010 Agilent Technologies

#### Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE54107881\_2022-02-09\_12-22-43.xad

Created: 2/9/2022 12:22:42 PM  
Modified: 2/9/2022 2:13:04 PM

**Electrophoresis File Run Summary (Chip Summary)**

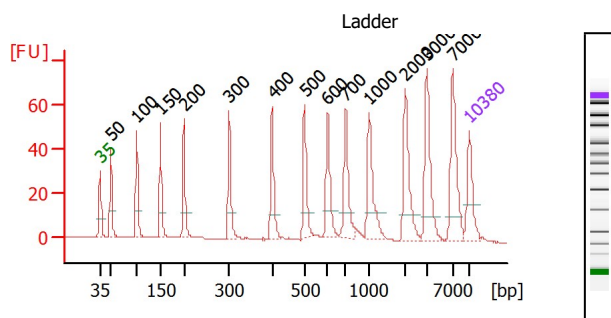
Sample Name	Sample Comment	Rest. Digest	Stat us	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input 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"/>	✓			
Ladder		<input type="checkbox"/>	✓			

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

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE54107881\_2022-02-09\_12-22-43.xad

Created: 2/9/2022 12:22:42 PM  
 Modified: 2/9/2022 2:13:04 PM

### Electropherogram Summary



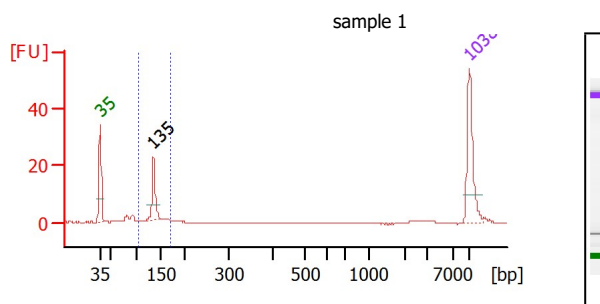
#### Overall Results for Ladder

Noise: 0.1

#### Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker



#### Overall Results for sample 1 : sample 1

Number of peaks found: 1  
 Noise: 0.1  
 Corr. Area 1: 39.5

#### Region table for sample 1 : sample 1

Corr. Area	% of Total	Conc. [pg/μl]	Molarity [pmol/l]	Average Size [bp]	From [bp]	To [bp]	Color
39.5	30	101.41	1,122.1	138	104	173	Blue

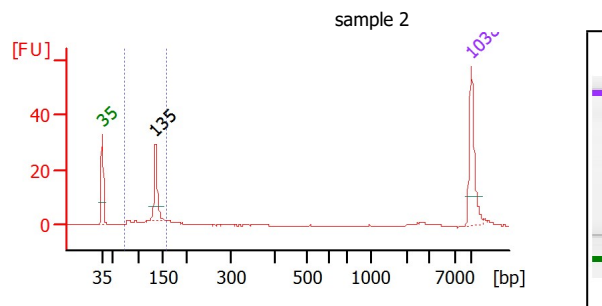
Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE54107881\_2022-02-09\_12-22-43.xad

Created: 2/9/2022 12:22:42 PM  
 Modified: 2/9/2022 2:13:04 PM

### Electropherogram Summary Continued ...

#### Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	135	66.49	745.0	
3	10,380	75.00	10.9	Upper Marker



#### Overall Results for sample 2 : sample 2

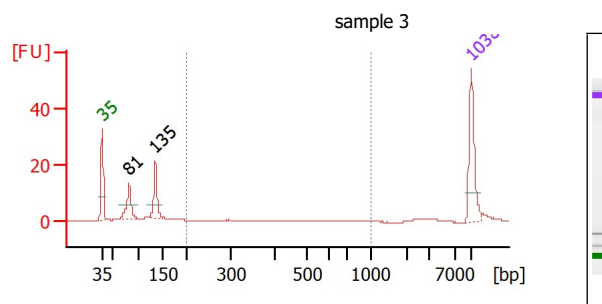
Number of peaks found: 1  
 Noise: 0.1  
 Corr. Area 1: 57.2

#### Region table for sample 2 : sample 2

Corr. Area	% of Total	Conc. [pg/μl]	Molarity [pmol/l]	Average Size [bp]	From [bp]	To [bp]	Color
57.2	35	156.77	1,906.0	128	72	159	Blue

#### Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	135	87.53	981.4	
3	10,380	75.00	10.9	Upper Marker



#### Overall Results for sample 3 : sample 3

Number of peaks found: 2  
 Noise: 0.1  
 Corr. Area 1: 50.7

#### Region table for sample 3 : sample 3

Corr. Area	% of Total	Conc. [pg/μl]	Molarity [pmol/l]	Average Size [bp]	From [bp]	To [bp]	Color
50.7	26	107.86	437.5	478	200	1,000	Blue

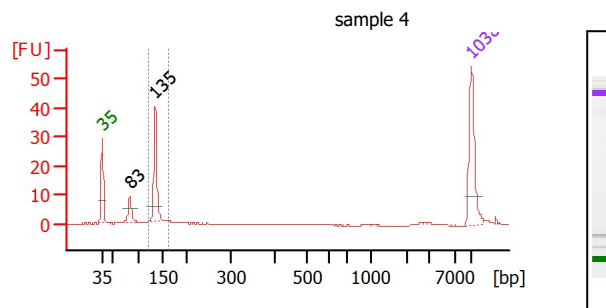
Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE54107881\_2022-02-09\_12-22-43.xad

Created: 2/9/2022 12:22:42 PM  
 Modified: 2/9/2022 2:13:04 PM

### Electropherogram Summary Continued ...

#### Peak table for sample 3 : sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	81	69.00	1,282.8	
3	135	69.61	782.1	
4	10,380	75.00	10.9	Upper Marker



#### Overall Results for sample 4 : sample 4

Number of peaks found: 2  
 Noise: 0.1  
 Corr. Area 1: 50.7

#### Region table for sample 4 : sample 4

Corr. Area	% of Total	Conc. [pg/μl]	Molarity [pmol/l]	Average Size [bp]	From [bp]	To [bp]	Color
50.7	31	137.21	1,524.7	137	122	161	Blue

#### Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	83	37.03	676.8	
3	135	114.62	1,284.9	
4	10,380	75.00	10.9	Upper Marker