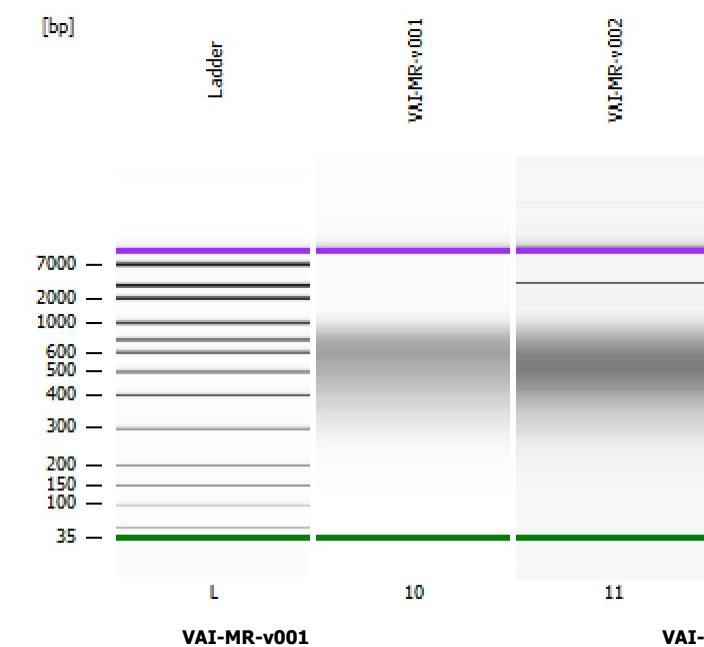


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...100 bioanalyzer\2100 expert\data\2022-10-13\cDNA VAI-MR.xad

Created: 10/13/2022 4:58:42 PM
Modified: 10/13/2022 5:45:51 PM

Electrophoresis File Run Summary



Instrument Information:

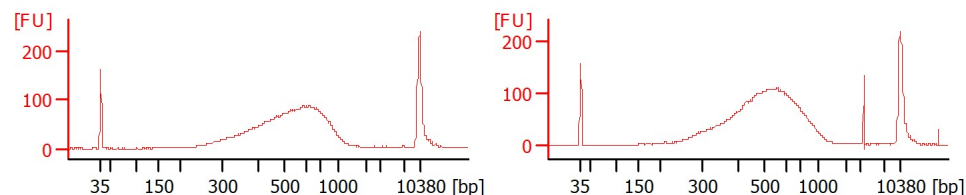
Instrument Name: DEDAE01668 Firmware: C.01.069
Serial#: DEDAE01668 Type: G2939B

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:\...100 bioanalyzer\2100 expert\data\2022-10-13\cDNA VAI-MR.xad

Created: 10/13/2022 4:58:42 PM
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Electrophoresis File Run Summary (Chip Summary)

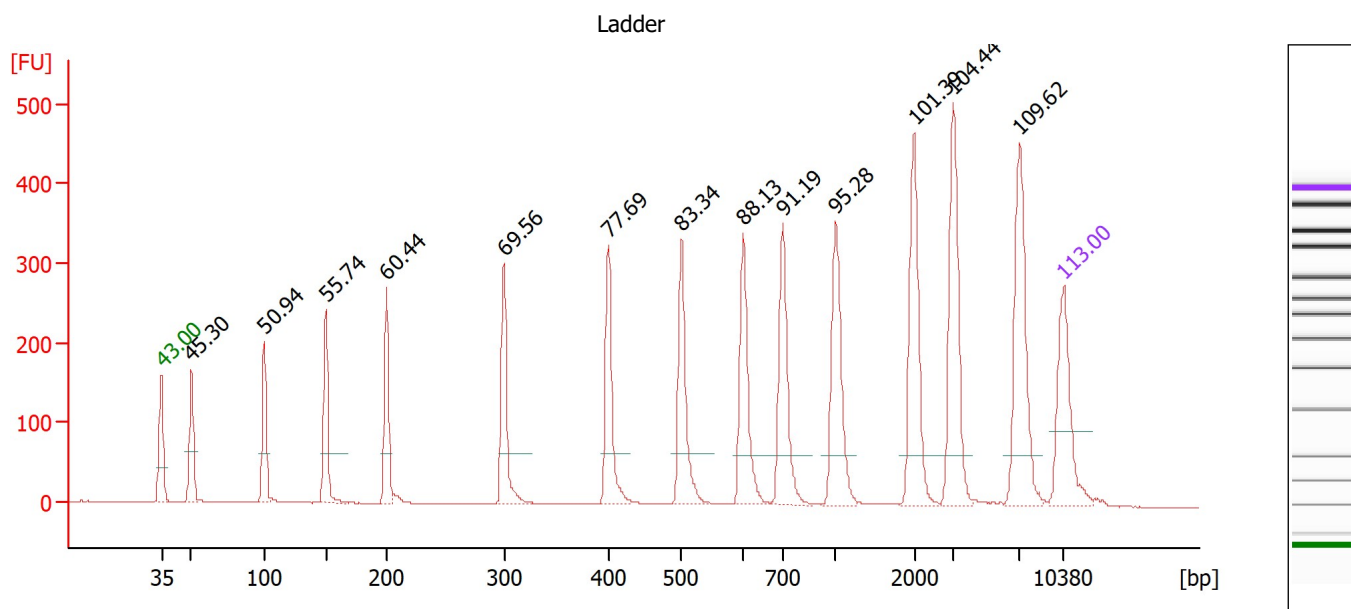
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
VAI-MR-v001		<input type="checkbox"/>	✓			
VAI-MR-v002		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

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

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2022-10-13\cDNA VAI-MR.xad

Created: 10/13/2022 4:58:42 PM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

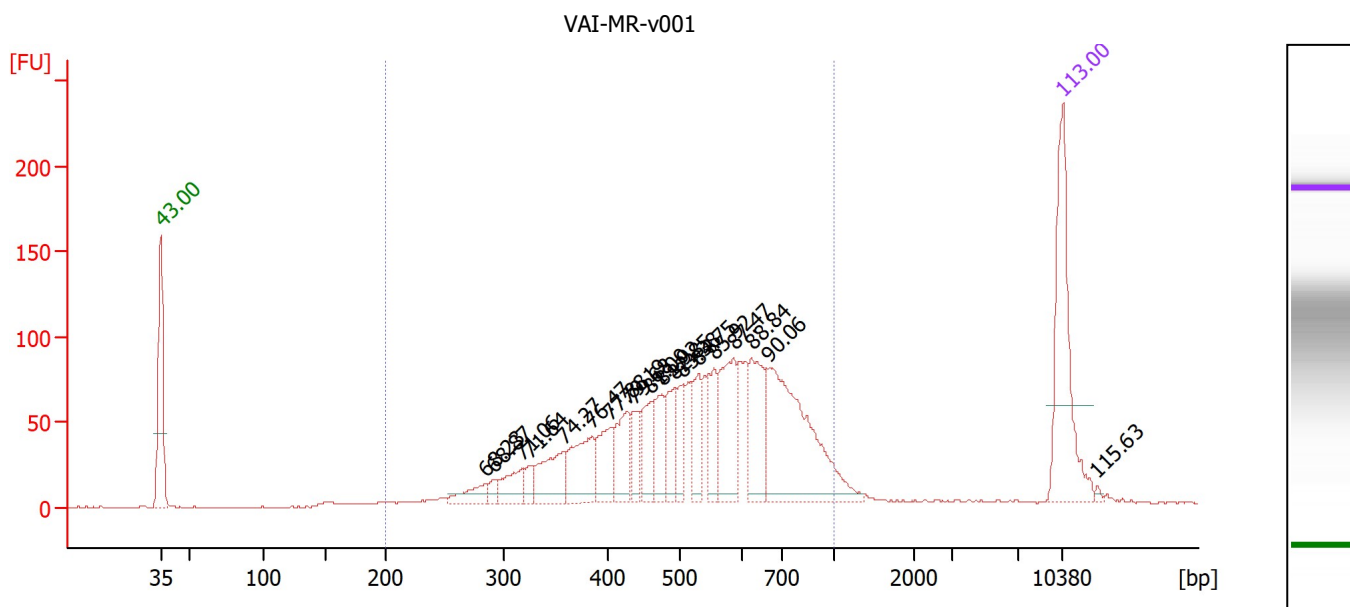
Peak table for Ladder

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
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2022-10-13\cDNA VAI-MR.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : VAI-MR-v001

Number of peaks found: 19 Corr. Area 1: 1,778.4
 Noise: 0.4

Peak table for sample 10 : VAI-MR-v001

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	285	16.10	85.4	
3	292	6.46	33.5	
4	318	23.69	112.7	
5	326	9.05	42.1	
6	358	39.28	166.3	
7	385	45.94	180.8	
8	403	33.53	126.0	
9	427	37.58	133.5	
10	435	18.80	65.5	
11	459	30.42	100.5	
12	475	30.94	98.7	
13	491	28.81	88.8	
14	501	24.65	74.5	
15	529	30.46	87.2	
16	554	25.45	69.6	
17	586	56.61	146.3	
18	623	50.60	123.0	
19	663	140.49	321.1	
20	10,380	75.00	10.9	Upper Marker
21	13,007	0.00	0.0	

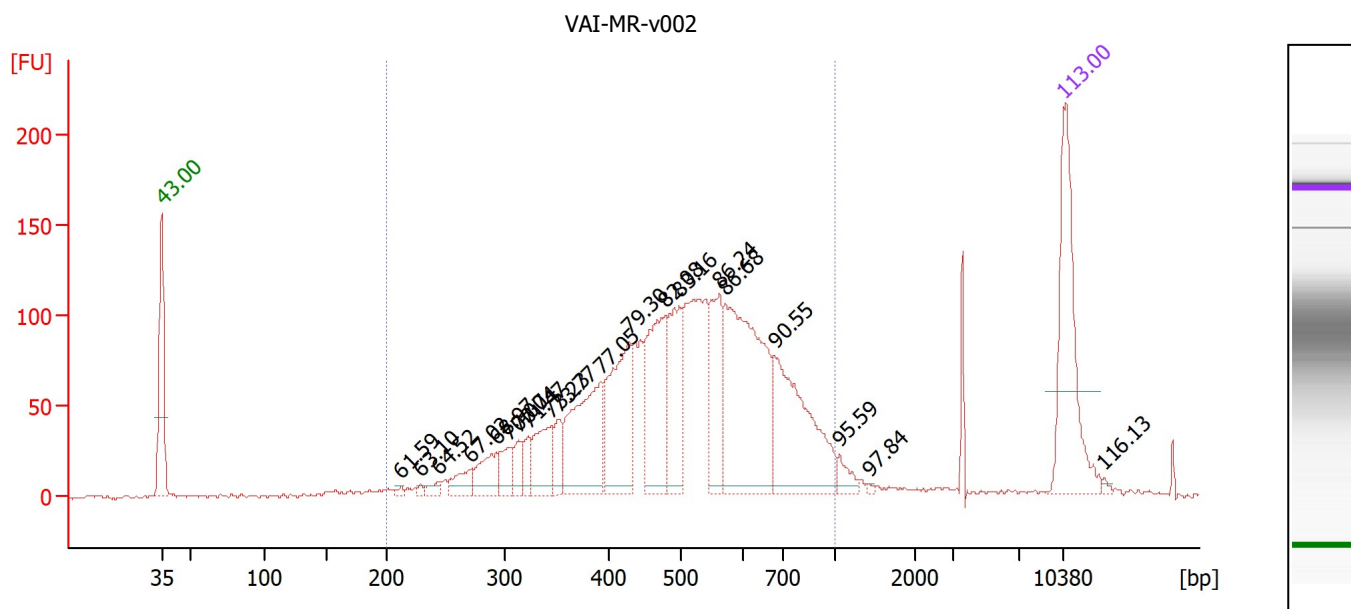
Region table for sample 10 : VAI-MR-v001

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,778.4	95	540	29.2	758.09	2,424.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2022-10-13\cDNA VAI-MR.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : VAI-MR-v002

Number of peaks found: 20 Corr. Area 1: 2,346.1
 Noise: 0.9

Peak table for sample 11 : VAI-MR-v002

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	213	2.52	18.0	
3	229	2.59	17.1	
4	245	5.71	35.3	
5	272	17.11	95.3	
6	294	27.80	143.5	
7	305	17.70	87.8	
8	314	14.89	71.7	
9	323	12.81	60.0	
10	345	36.32	159.4	
11	352	16.72	72.0	
12	392	91.55	353.8	
13	428	86.03	304.3	
14	478	82.08	260.3	
15	497	62.80	191.5	
16	561	55.70	150.5	
17	570	162.37	431.7	
18	679	105.98	236.5	
19	1,051	8.58	12.4	
20	1,419	1.24	1.3	
21	10,380	75.00	10.9	Upper Marker
22	13,506	0.00	0.0	

Region table for sample 11 : VAI-MR-v002

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,346.1	94	515	29.0	968.45	3,227.4	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...100 bioanalyzer\2100 expert\data\2022-10-13\cDNA VAI-MR.xad

Created: 10/13/2022 4:58:42 PM
Modified: 10/13/2022 5:45:51 PM

Gel Image