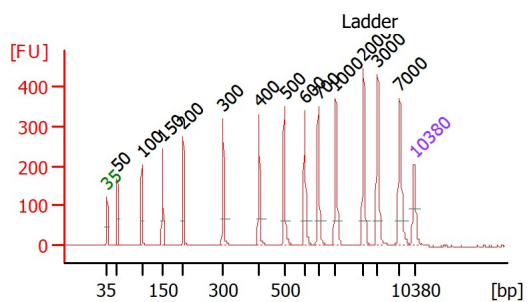


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
 Modified: 10/2/2024 5:49:35 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.5

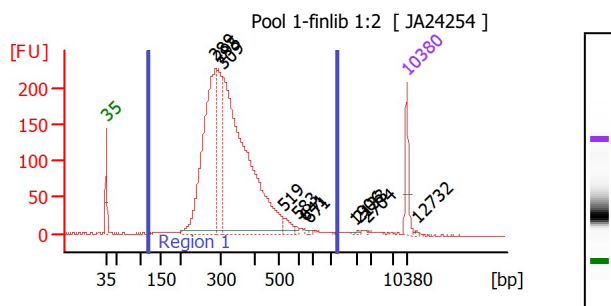
Peak table for Ladder

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

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
Modified: 10/2/2024 5:49:35 PM

Electropherogram Summary Continued ...**Overall Results for sample 1**

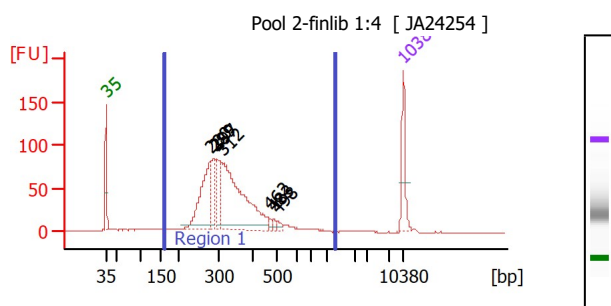
Number of peaks found: 11
Noise: 0.5
Corr. Area 1: 3,809.0

Region table for sample 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
122	1,228	3,809.0	98	339	26.3	2,846.62	13,657.8	Blue

Peak table for sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	289	981.04	5,140.7	
3	295	311.22	1,598.3	
4	309	1,581.86	7,748.3	
5	519	40.79	119.1	
6	583	4.84	12.6	
7	641	4.73	11.2	
8	671	5.31	12.0	
9	1,906	2.05	1.6	
10	2,133	2.51	1.8	
11	2,704	1.76	1.0	
12	10,380	75.00	10.9	Upper Marker
13	12,732	0.00	0.0	

**Overall Results for sample 2**

Number of peaks found: 7
Noise: 0.3
Corr. Area 1: 1,468.2

Region table for sample 2

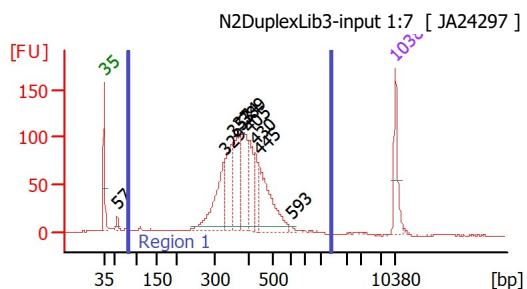
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
163	1,302	1,468.2	93	343	29.4	1,055.28	5,065.2	Blue

Peak table for sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	280	253.25	1,369.4	
3	289	89.74	469.8	
4	297	112.73	575.2	
5	312	484.95	2,357.9	
6	462	11.17	36.6	
7	483	8.91	27.9	
8	498	11.89	36.2	
9	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
Modified: 10/2/2024 5:49:35 PM

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

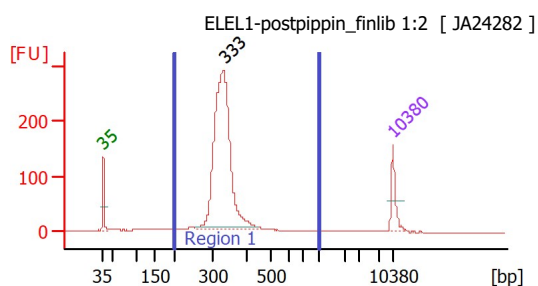
Number of peaks found: 9
Noise: 0.3
Corr. Area 1: 1,783.8

Region table for sample 3

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
80	1,368	1,783.8	95	392	24.9	1,229.56	5,390.9	■

Peak table for sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	57	19.11	503.9	
3	329	197.40	908.4	
4	353	175.43	754.0	
5	374	141.62	573.7	
6	389	174.30	678.3	
7	405	99.95	374.0	
8	430	60.06	211.6	
9	445	206.29	702.5	
10	593	5.39	13.8	
11	10,380	75.00	10.9	Upper Marker

**Overall Results for sample 4**

Number of peaks found: 1
Noise: 0.3
Corr. Area 1: 2,091.5

Region table for sample 4

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
200	1,000	2,091.5	91	339	19.5	1,472.84	6,760.6	■

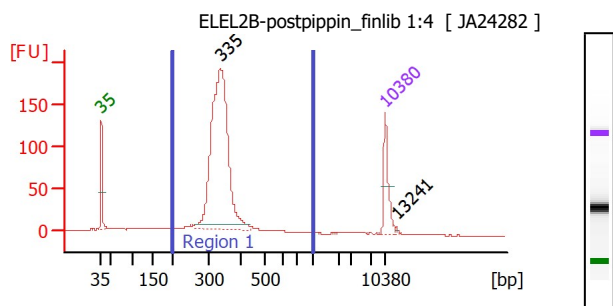
Peak table for sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	333	1,306.29	5,935.0	
3	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
 Modified: 10/2/2024 5:49:35 PM

Electropherogram Summary Continued ...



Peak table for sample 5

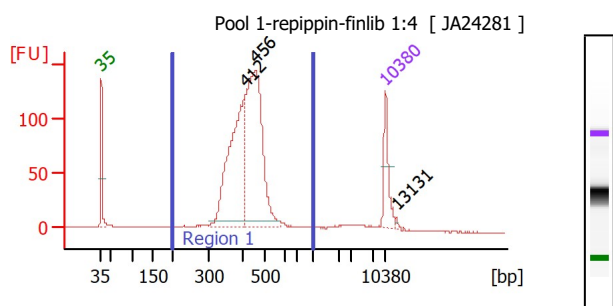
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	335	909.79	4,112.9	
3	10,380	75.00	10.9	Upper Marker
4	13,241	0.00	0.0	

Overall Results for sample 5

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 1,494.6

Region table for sample 5

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	1,494.6	91	342	19.5	1,040.96	4,741.3	Blue



Peak table for sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	412	480.90	1,766.7	
3	456	577.82	1,919.3	
4	10,380	75.00	10.9	Upper Marker
5	13,131	0.00	0.0	

Overall Results for sample 6

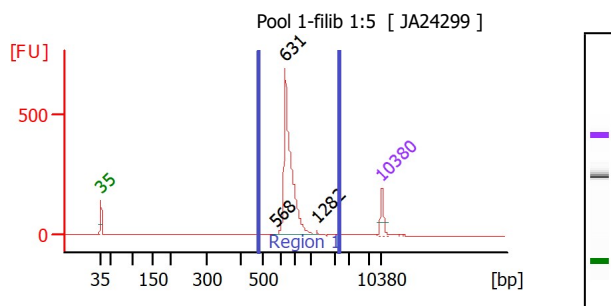
Number of peaks found: 3
 Noise: 0.3
 Corr. Area 1: 1,657.9

Region table for sample 6

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	1,657.9	91	427	17.5	1,203.56	4,428.1	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
Modified: 10/2/2024 5:49:35 PM

Electropherogram Summary Continued ...**Peak table for sample 7**

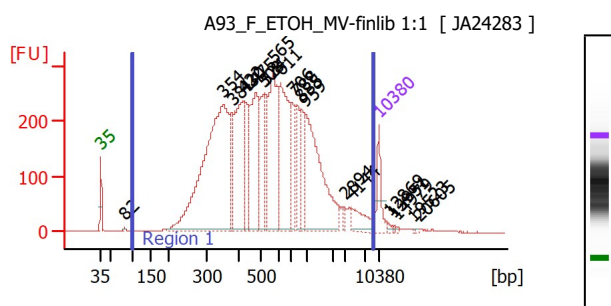
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	568	3.05	8.1	
3	631	911.43	2,189.0	
4	1,282	2.72	3.2	
5	10,380	75.00	10.9	Upper Marker

Overall Results for sample 7

Number of peaks found: 3
Noise: 0.4
Corr. Area 1: 1,599.8

Region table for sample 7

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
479	2,228	1,599.891	91	688	18.3	937.07	2,106.2	Blue

**Peak table for sample 8**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	82	7.94	146.0	
3	354	1,325.22	5,668.1	
4	381	104.48	415.3	
5	422	426.25	1,531.6	
6	430	196.63	693.0	
7	475	395.01	1,261.0	
8	508	186.94	557.4	
9	524	120.42	348.1	
10	565	453.53	1,216.0	
11	611	410.61	1,018.6	
12	706	94.27	202.4	
13	788	125.65	241.7	
14	885	126.02	215.7	
15	959	487.78	770.5	
16	2,894	11.19	5.9	
17	4,144	71.98	26.3	
18	10,380	75.00	10.9	Upper Marker
19	12,869	0.00	0.0	
20	13,951	0.00	0.0	
21	14,979	0.00	0.0	
22	19,523	0.00	0.0	
23	20,605	0.00	0.0	

Overall Results for sample 8

Number of peaks found: 21
Noise: 0.4
Corr. Area 1: 9,228.5

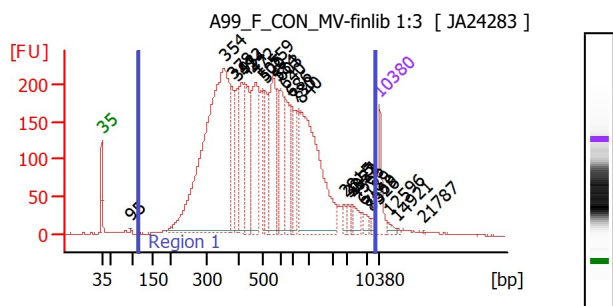
Region table for sample 8

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
100	9,066	9,228.598	98	805	100.0	4,821.17	15,792.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
 Modified: 10/2/2024 5:49:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 9

Number of peaks found: 26
 Noise: 0.4
 Corr. Area 1: 7,735.5

Region table for sample 9

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
113	8,905	7,735.5	98	788	100.0	4,722.28	16,189.8

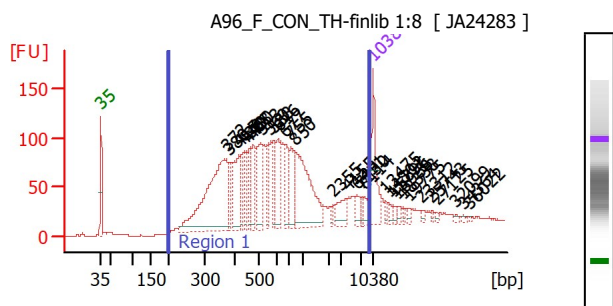
Peak table for sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	95	4.25	67.7	
3	354	1,508.16	6,455.8	
4	378	136.60	548.0	
5	393	123.03	474.2	
6	412	264.39	972.1	
7	424	233.14	833.2	
8	472	332.65	1,067.2	
9	505	111.27	333.7	
10	520	107.06	311.9	
11	559	268.00	726.8	
12	584	86.02	223.3	
13	603	159.27	400.3	
14	640	160.79	380.5	
15	686	86.17	190.3	
16	730	93.76	194.5	
17	840	587.25	1,059.9	
18	2,815	13.33	7.2	
19	3,357	16.29	7.4	
20	4,023	15.06	5.7	
21	4,565	28.85	9.6	
22	6,189	17.71	4.3	
23	7,569	6.92	1.4	
24	8,326	9.78	1.8	
25	10,380	75.00	10.9	Upper Marker

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	12,596	0.00	0.0	
27	14,921	0.00	0.0	
28	21,787	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
Modified: 10/2/2024 5:49:35 PM

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

Number of peaks found: 31
Noise: 0.6
Corr. Area 1: 2,941.1

Region table for sample 10

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
200	9,085	2,941.1	92	1,082	100.0	1,617.26	4,903.0

Peak table for sample 10

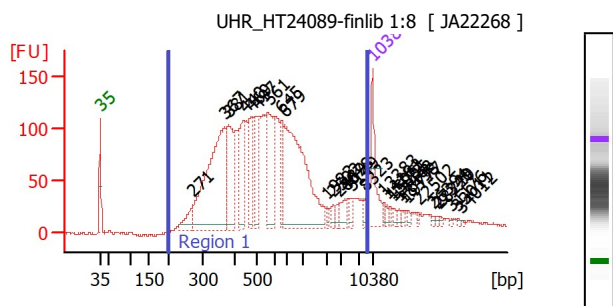
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	372	369.44	1,506.6	
3	380	37.35	148.9	
4	415	95.66	348.9	
5	430	50.54	177.9	
6	449	54.23	183.0	
7	468	55.51	179.8	
8	480	50.14	158.3	
9	513	91.77	270.9	
10	560	37.64	101.9	
11	588	37.01	95.4	
12	616	64.73	159.2	
13	677	60.76	136.0	
14	755	66.59	133.7	
15	850	191.90	342.0	
16	2,355	6.91	4.4	
17	4,155	31.45	11.5	
18	6,411	14.02	3.3	
19	7,230	9.84	2.1	
20	8,114	15.40	2.9	
21	10,380	75.00	10.9	Upper Marker
22	13,475	0.00	0.0	
23	14,801	0.00	0.0	
24	15,796	0.00	0.0	
25	16,956	0.00	0.0	

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	18,338	0.00	0.0	
27	19,775	0.00	0.0	
28	23,312	0.00	0.0	
29	25,743	0.00	0.0	
30	27,125	0.00	0.0	
31	32,099	0.00	0.0	
32	34,364	0.00	0.0	
33	36,022	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE04105615_2024-10-02_16-44-09.xad

Created: 10/2/2024 4:44:08 PM
 Modified: 10/2/2024 5:49:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 11

Number of peaks found: 29
 Noise: 0.9
 Corr. Area 1: 3,585.5

Region table for sample 11

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
200	8,741	3,585.5	94	939	100.0	1,956.64	6,146.4

Peak table for sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	271	48.24	269.8	
3	367	400.16	1,650.4	
4	381	149.11	592.6	
5	440	135.40	466.3	
6	469	81.13	262.1	
7	497	85.15	259.5	
8	561	146.32	395.3	
9	645	53.62	126.0	
10	679	378.39	843.8	
11	1,983	5.64	4.3	
12	2,502	7.65	4.6	
13	2,869	9.14	4.8	
14	4,078	18.05	6.7	
15	5,149	8.88	2.6	
16	8,323	7.40	1.3	
17	10,380	75.00	10.9	Upper Marker
18	13,383	0.00	0.0	
19	14,161	0.00	0.0	
20	15,051	0.00	0.0	
21	15,885	0.00	0.0	
22	17,442	0.00	0.0	
23	18,498	0.00	0.0	
24	19,777	0.00	0.0	
25	22,502	0.00	0.0	

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	26,394	0.00	0.0	
27	27,340	0.00	0.0	
28	28,229	0.00	0.0	
29	31,176	0.00	0.0	
30	33,011	0.00	0.0	
31	34,012	0.00	0.0	