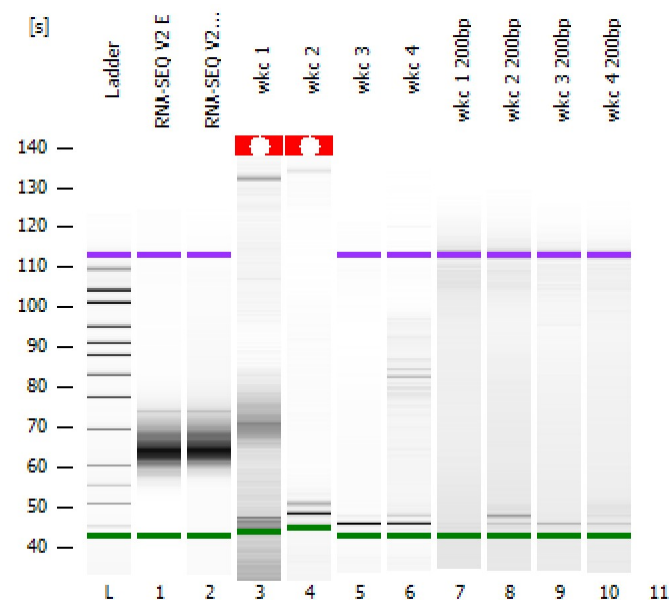


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
Modified: 5/4/2016 5:08:50 PM

Electrophoresis File Run Summary



Instrument Information:

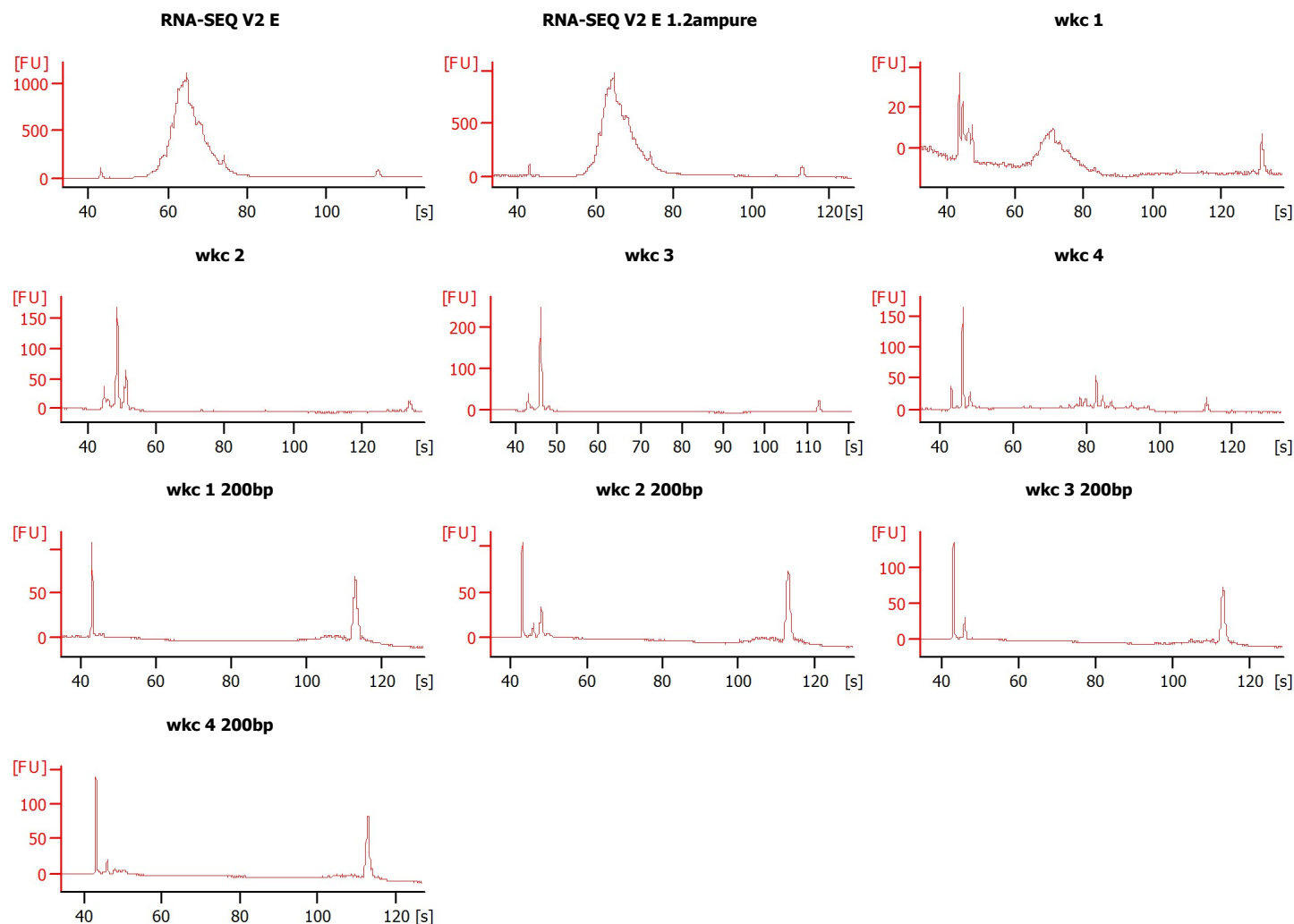
Instrument Name: DE13805471 Firmware: C.01.069
Serial#: DE13805471 Type: G2939A

Assay Information:

Assay Origin Path: C:\Program Files\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_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
Modified: 5/4/2016 5:08:50 PM

Electrophoresis File Run Summary (Chip Summary)

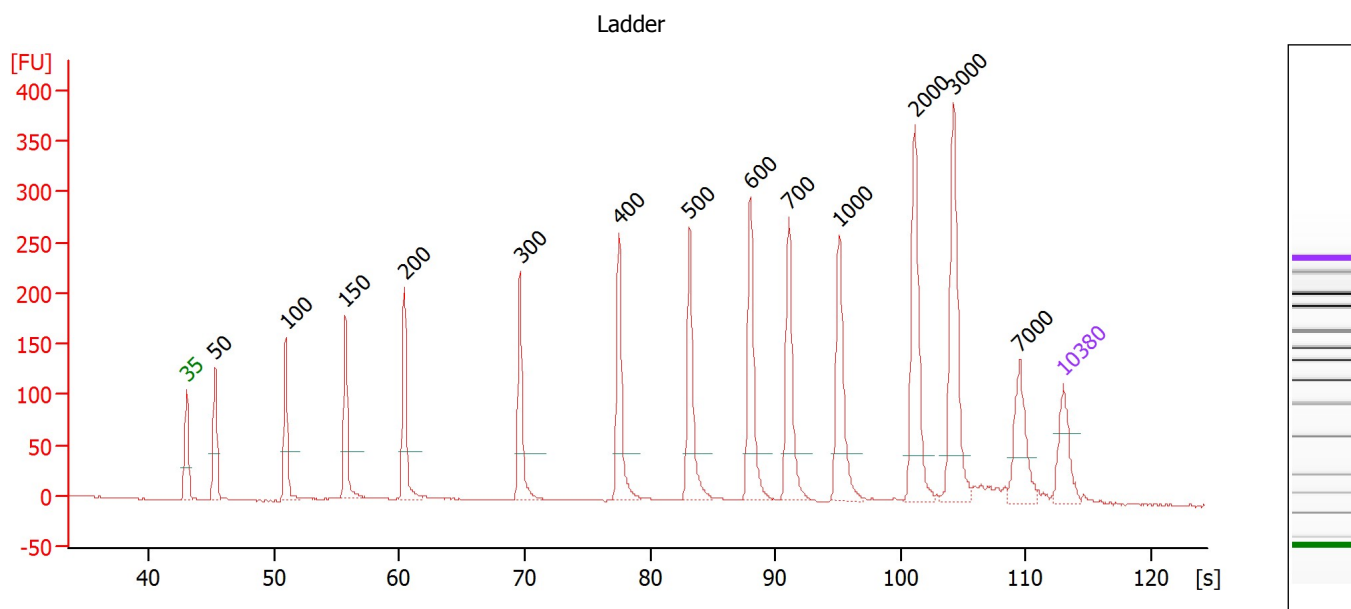
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RNA-SEQ V2 E		<input type="checkbox"/>	✓			
RNA-SEQ V2 E		<input type="checkbox"/>	✓			
1.2ampure						
wkc 1		<input type="checkbox"/>	✓			
wkc 2		<input type="checkbox"/>	✓			
wkc 3		<input type="checkbox"/>	✓			
wkc 4		<input type="checkbox"/>	✓			
wkc 1 200bp		<input type="checkbox"/>	✓			
wkc 2 200bp		<input type="checkbox"/>	✓			
wkc 3 200bp		<input type="checkbox"/>	✓			
wkc 4 200bp		<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_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
 Modified: 5/4/2016 5:08:50 PM

Electropherogram Summary



Overall Results for Ladder

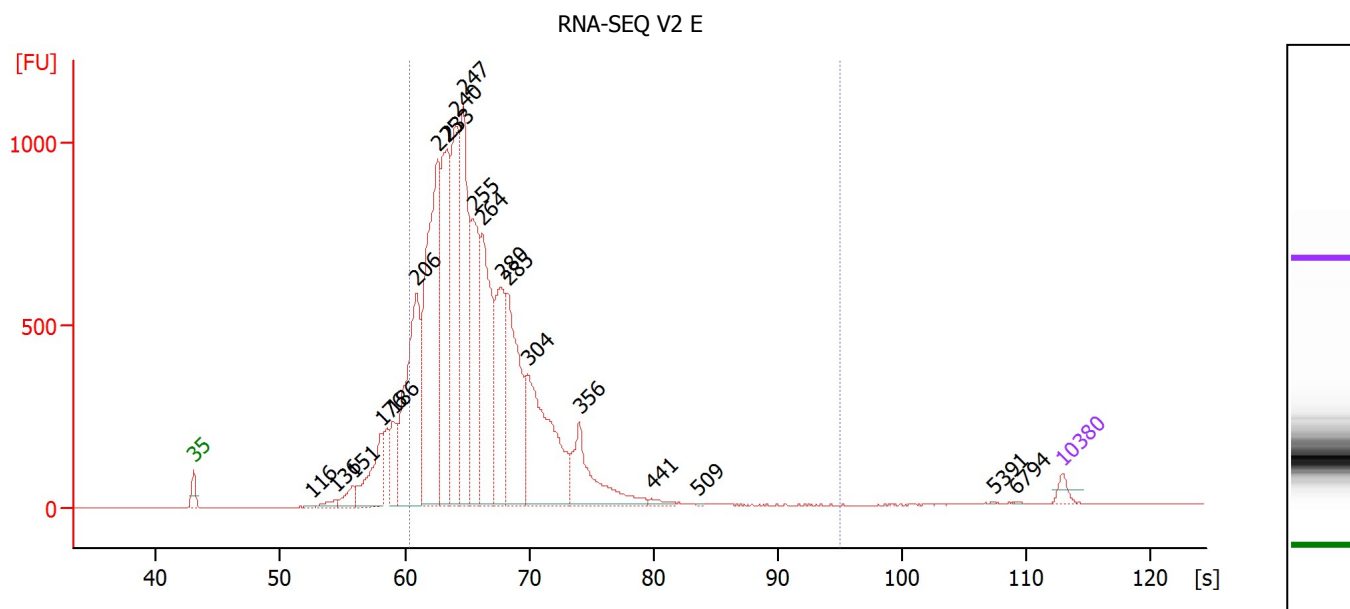
Noise: 0.3

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:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
 Modified: 5/4/2016 5:08:50 PM

Electropherogram Summary Continued ...**Overall Results for sample 1 : RNA-SEQ V2 E**

Number of peaks found: 20 Corr. Area 1: 13,421.0
 Noise: 0.5

Peak table for sample 1 : RNA-SEQ V2 E

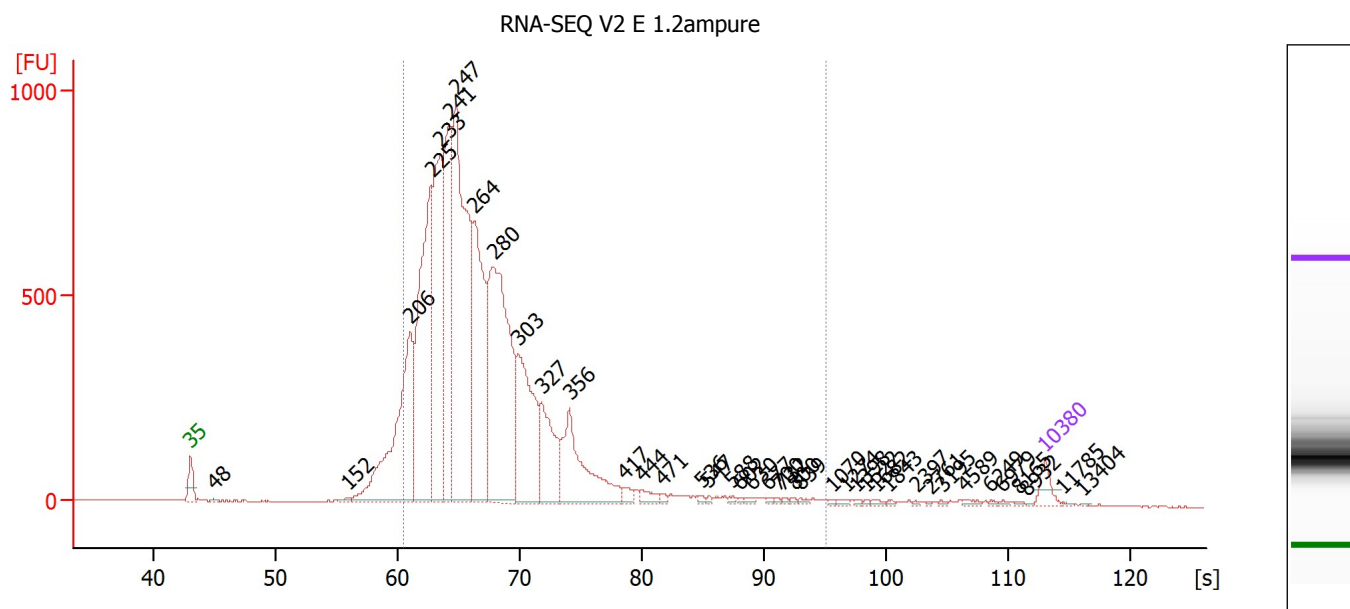
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	116	12.44	162.3	
3	136	79.53	882.9	
4	151	216.70	2,168.6	
5	176	836.18	7,215.4	
6	186	538.07	4,391.9	
7	206	2,565.16	18,882.5	
8	225	3,661.34	24,709.8	
9	233	2,351.08	15,294.6	
10	240	2,316.87	14,603.7	
11	247	2,257.68	13,854.0	
12	255	1,770.28	10,505.6	
13	264	2,013.99	11,571.0	
14	280	1,403.11	7,603.7	
15	285	1,814.56	9,640.2	
16	304	2,217.60	11,053.6	
17	356	957.85	4,072.8	
18	441	58.46	200.8	
19	509	4.71	14.0	
20	5,391	3.60	1.0	
21	6,794	5.10	1.1	
22	10,380	75.00	10.9	Upper Marker

Region table for sample 1 : RNA-SEQ V2 E

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	13,421.0	89	264	18.9	22,419.99	132,259.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
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Electropherogram Summary Continued ...**Overall Results for sample 2 : RNA-SEQ V2 E 1.2ampure**

Number of peaks found: 41 Corr. Area 1: 12,305.6
 Noise: 1.5

Peak table for sample 2 : RNA-SEQ V2 E 1.2ampure

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	48	9.03	286.8	
3	152	22.88	228.3	
4	206	1,656.19	12,165.6	
5	225	1,939.16	13,071.0	
6	233	1,509.13	9,799.8	
7	241	1,369.77	8,597.5	
8	247	2,664.92	16,341.0	
9	264	1,403.20	8,062.1	
10	280	2,220.75	12,003.2	
11	303	1,000.43	5,001.4	
12	327	566.07	2,623.4	
13	356	733.91	3,120.7	
14	417	51.63	187.5	
15	444	58.49	199.5	
16	471	23.31	74.9	
17	536	15.91	45.0	
18	547	12.36	34.3	
19	588	14.81	38.2	
20	602	11.56	29.1	
21	630	18.07	43.5	
22	677	12.35	27.7	
23	700	10.18	22.1	
24	732	10.15	21.0	
25	800	10.60	20.1	
26	839	15.15	27.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
 Modified: 5/4/2016 5:08:50 PM

Electropherogram Summary Continued ...**... Peak table for sample 2 : RNA-SEQ V2 E 1.2ampure**

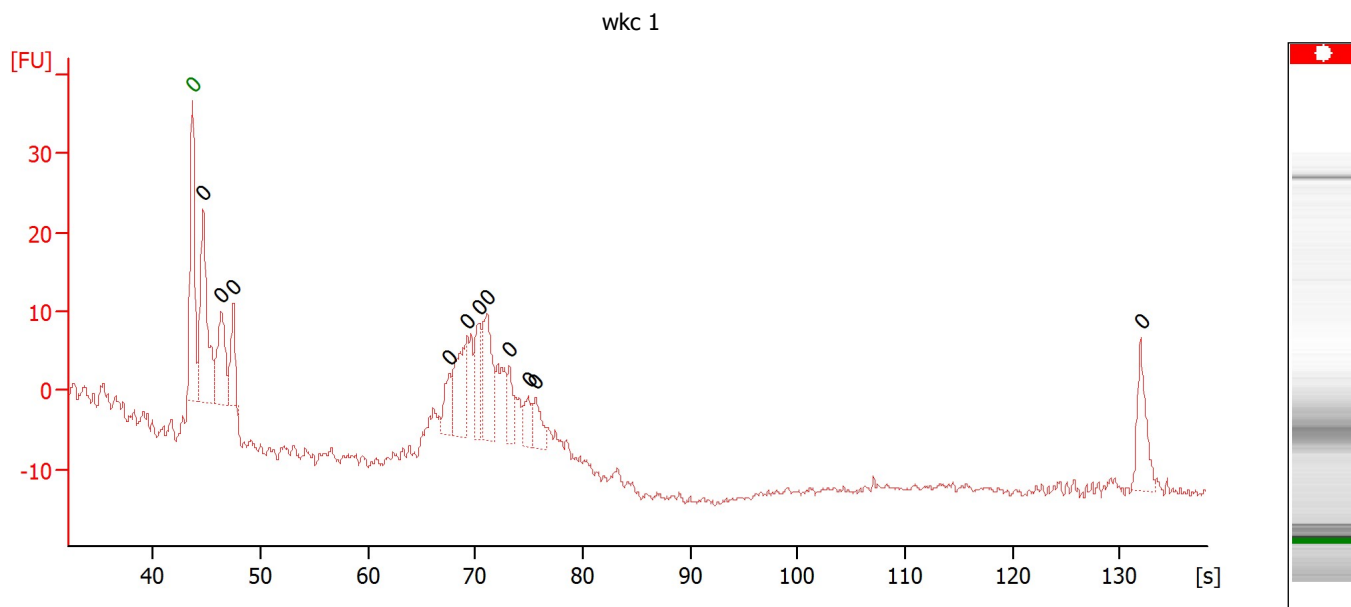
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,070	9.46	13.4	
28	1,274	11.89	14.1	
29	1,398	7.56	8.2	
30	1,522	5.96	5.9	
31	1,682	10.73	9.7	
32	1,843	7.20	5.9	
33	2,397	4.48	2.8	
34	2,761	4.59	2.5	
35	3,195	5.83	2.8	
36	4,589	16.87	5.6	
37	6,249	6.97	1.7	
38	6,979	8.13	1.8	
39	8,165	5.81	1.1	
40	8,932	2.81	0.5	
41	10,380	75.00	10.9	Upper Marker
42	11,785	0.00	0.0	
43	13,404	0.00	0.0	

Region table for sample 2 : RNA-SEQ V2 E 1.2ampure

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	12,305.6	93	280	29.5	14,495.76	83,295.6	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
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Electropherogram Summary Continued ...**Overall Results for sample 3 : wkc 1**

Number of peaks found: 11

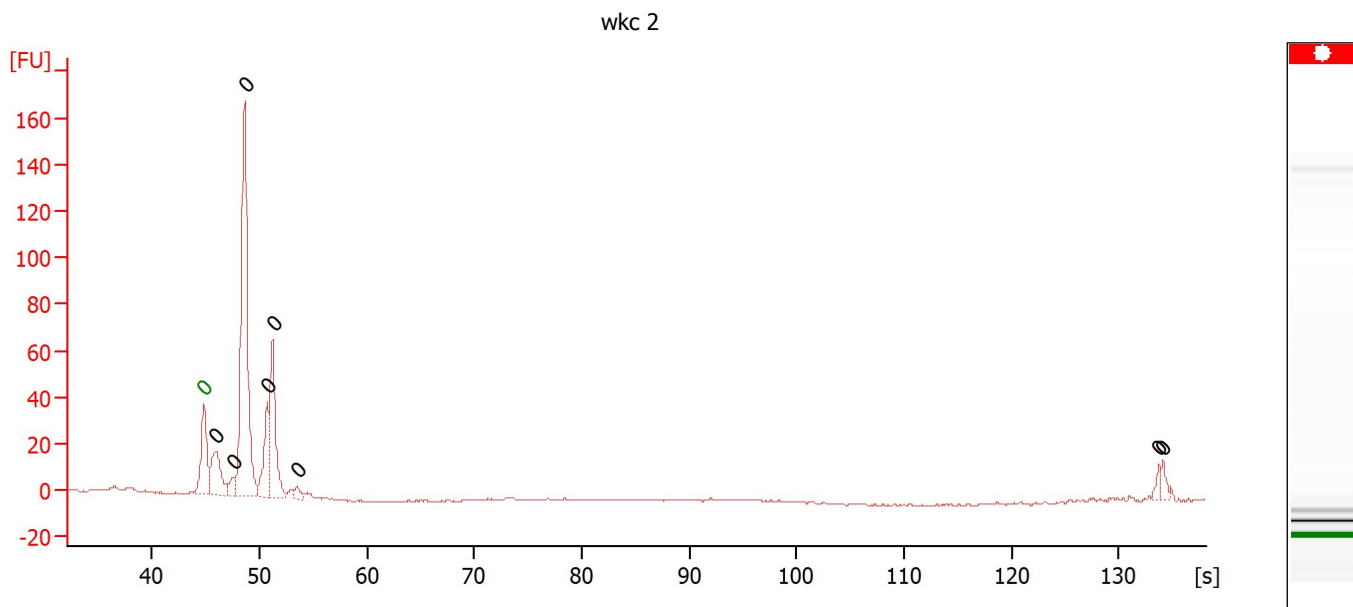
Noise: 0.4

Peak table for sample 3 : wkc 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
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Electropherogram Summary Continued ...**Overall Results for sample 4 : wkc 2**

Number of peaks found: 8

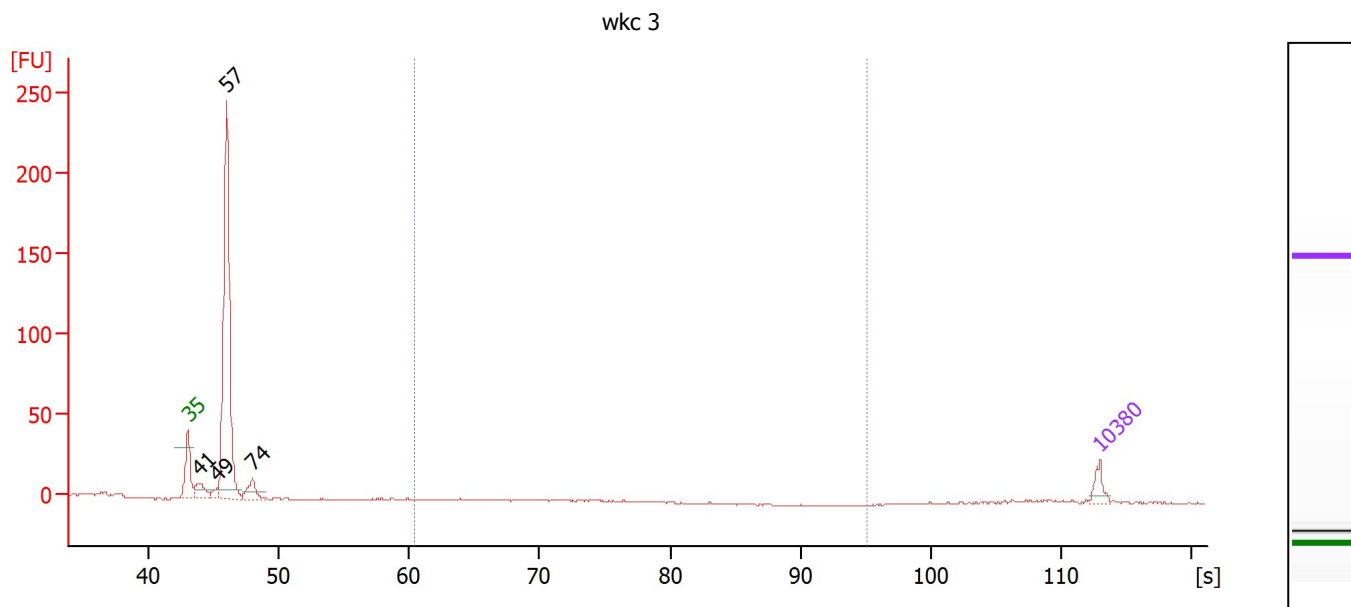
Noise: 0.4

Peak table for sample 4 : wkc 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
 Modified: 5/4/2016 5:08:50 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : wkc 3**

Number of peaks found: 4 Corr. Area 1: 0.0
 Noise: 0.4

Peak table for sample 5 : wkc 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	204.94	7,576.5	
3	49	62.98	1,931.0	
4	57	2,737.35	73,404.8	
5	74	180.62	3,699.4	Upper Marker
6	10,380	75.00	10.9	

Region table for sample 5 : wkc 3

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	0.0	0	0	0.0	0.00	0.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE13805471_2016-05-04_16-30-21.xad

Created: 5/4/2016 4:30:21 PM
Modified: 5/4/2016 5:08:50 PM

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