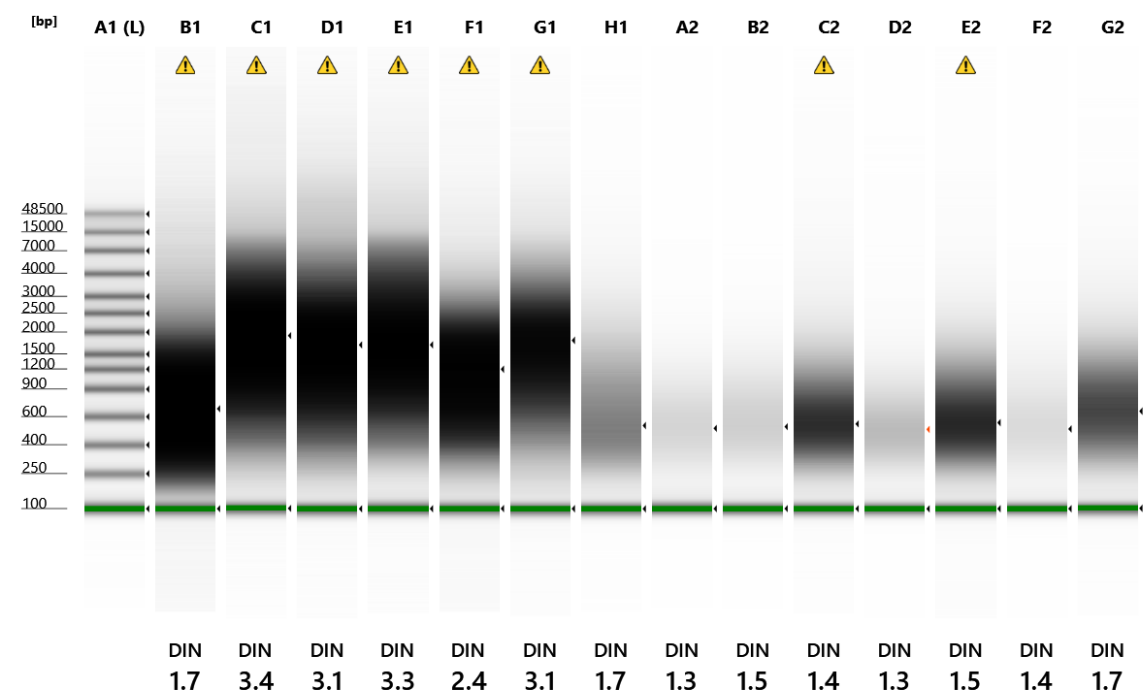
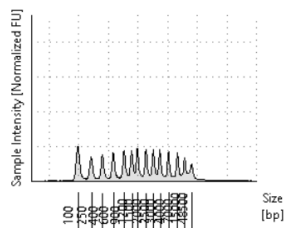


Filename: 2025-07-25 - 18.22.41.gDNA

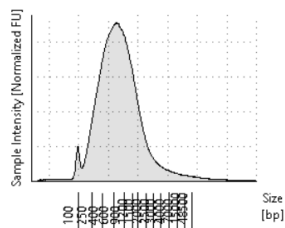


Default image (Contrast 100%)

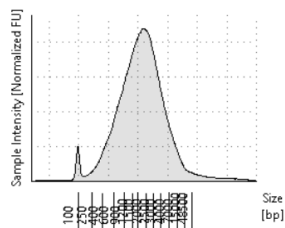
A1: Ladder



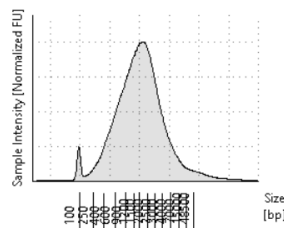
B1: USNM 1606824, 2019



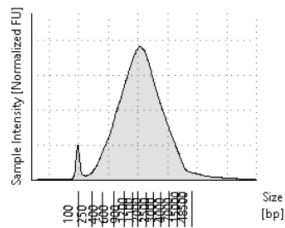
C1: USNM 1606826, 2019



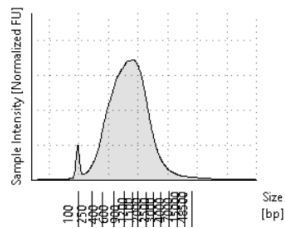
D1: USNM 1740336, 2019



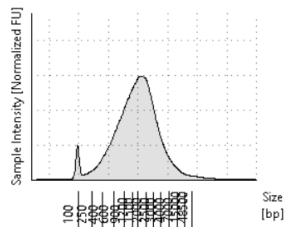
E1: USNM 1740363, 2019



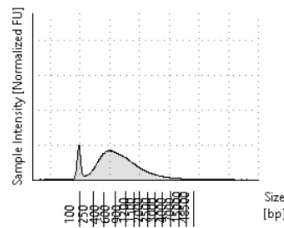
F1: USNM 1740390, 2019



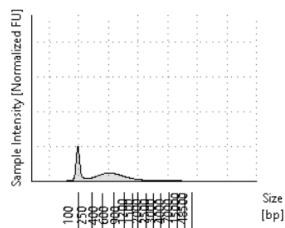
G1: USNM 1740407, 2019



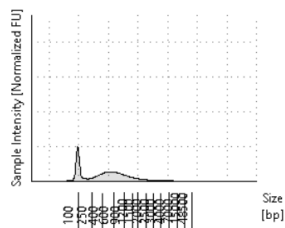
H1: USNM 50368, 1880



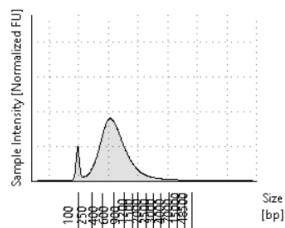
A2: USNM 51727, 1960



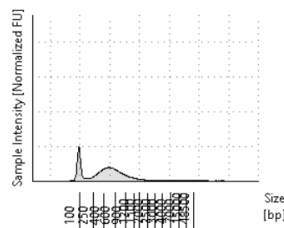
B2: USNM 51729, 1960



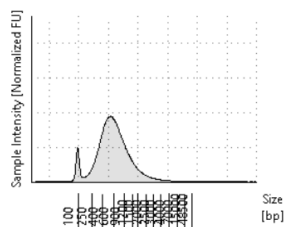
C2: USNM 51857, 1960



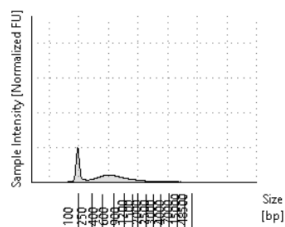
D2: USNM 51858, 1960



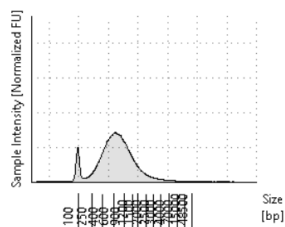
E2: USNM 51859, 1960











F2: USNM 51860, 1960

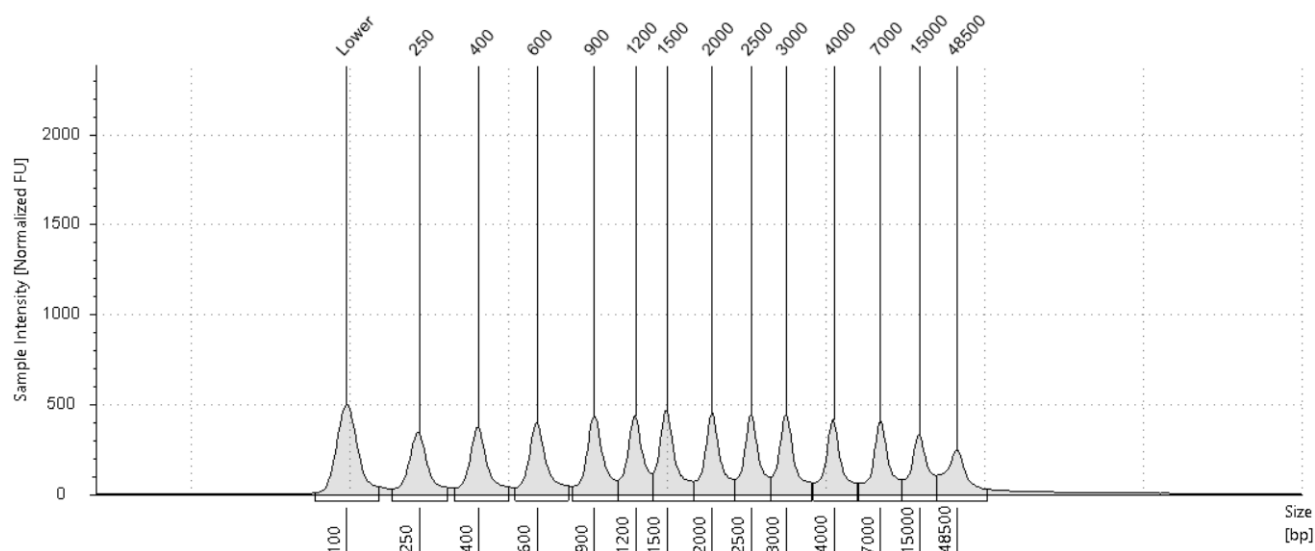


G2: USNM 51861, 1960



Sample Info

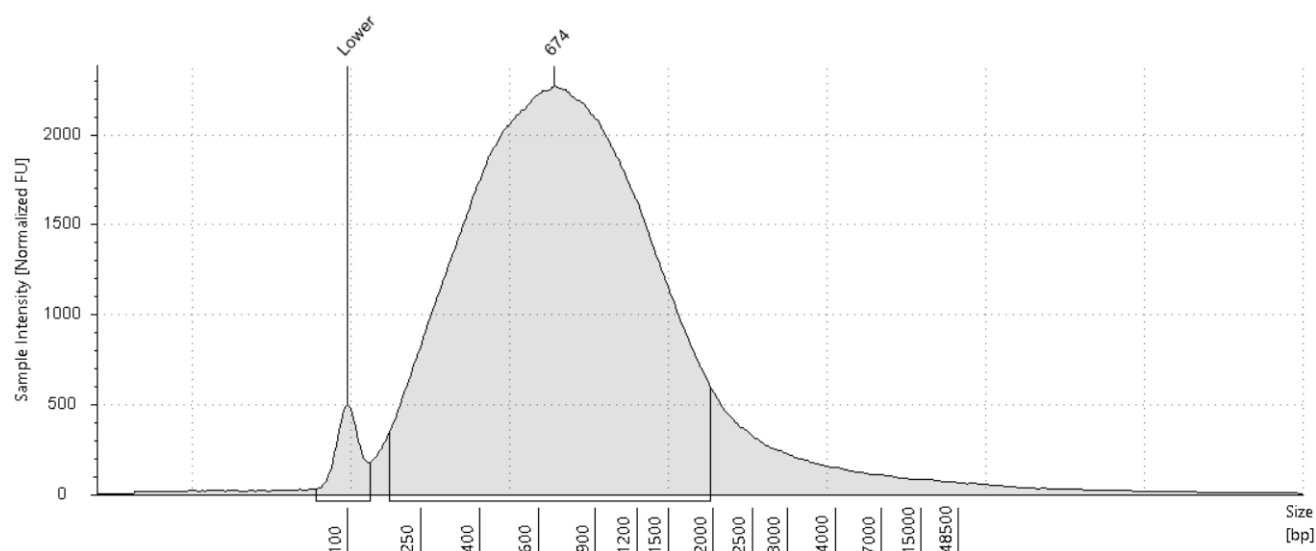
Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	72.0	Ladder		Ladder
B1	1.7	353	USNM 1606824, 2019		Sample concentration outside functional range for DIN and the assay
C1	3.4	408	USNM 1606826, 2019		Sample concentration outside functional range for DIN and the assay
D1	3.1	368	USNM 1740336, 2019		Sample concentration outside functional range for DIN and the assay
E1	3.3	343	USNM 1740363, 2019		Sample concentration outside functional range for DIN and the assay
F1	2.4	291	USNM 1740390, 2019		Sample concentration outside recommended range
G1	3.1	260	USNM 1740407, 2019		Sample concentration outside recommended range
H1	1.7	68.3	USNM 50368, 1880		
A2	1.3	15.3	USNM 51727, 1960		
B2	1.5	18.7	USNM 51729, 1960		
C2	1.4	109	USNM 51857, 1960		Sample concentration outside recommended range
D2	1.3	24.2	USNM 51858, 1960		
E2	1.5	117	USNM 51859, 1960		Sample concentration outside recommended range
F2	1.4	15.6	USNM 51860, 1960		
G2	1.7	94.1	USNM 51861, 1960		

A1: Ladder**Sample Table**

Well	DIN	Conc. [ng/ul]	Sample Description	Alert	Observations
A1	-	72.0	Ladder		Ladder

Peak Table

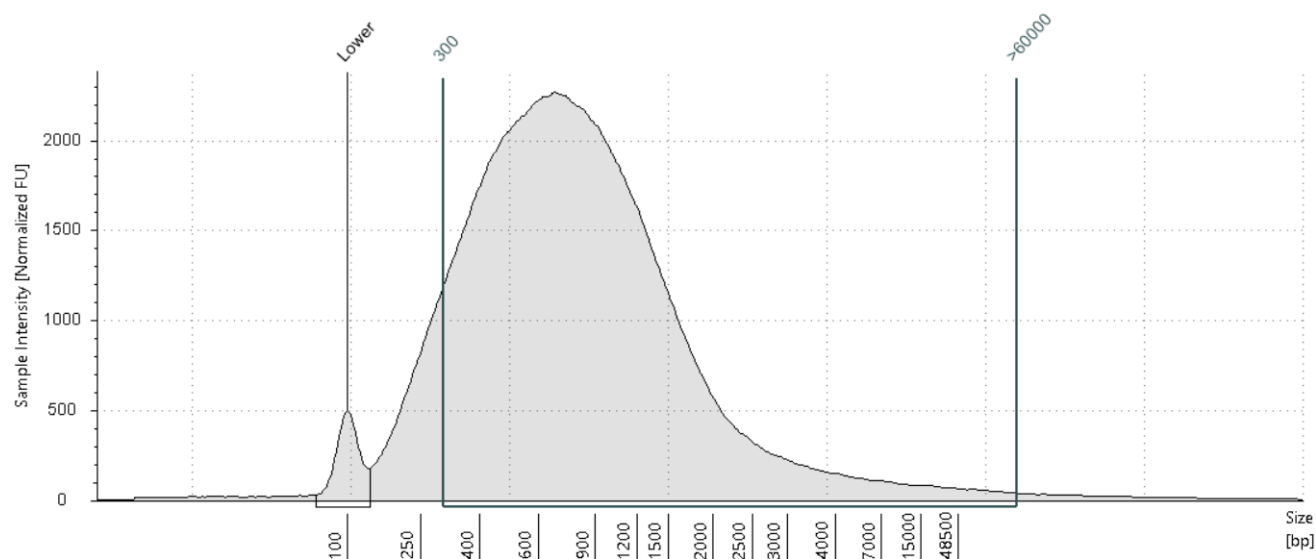
Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	68	151		Lower Marker
250	5.29	-	7.59	177	313		
400	5.50	-	7.89	329	492		
600	5.71	-	8.20	515	749		
900	5.96	-	8.55	769	1058		
1200	5.56	-	7.98	1058	1354		
1500	6.08	-	8.73	1354	1783		
2000	5.70	-	8.18	1783	2270		
2500	5.43	-	7.79	2270	2766		
3000	5.63	-	8.08	2766	3505		
4000	5.22	-	7.49	3532	5292		
7000	5.12	-	7.34	5374	10511		
15000	4.32	-	6.20	10511	20871		
48500	4.18	-	5.99	20871	75069		

B1: USNM 1606824, 2019**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	1.7	353	USNM 1606824, 2019	⚠	Sample concentration outside functional range for DIN and the assay

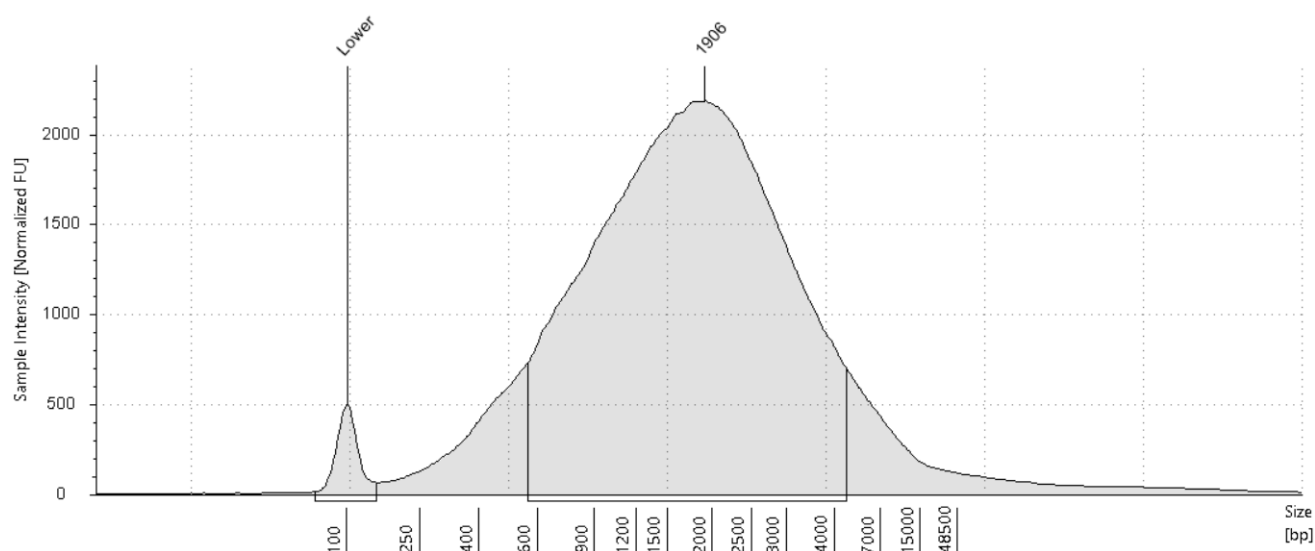
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	132		Lower Marker
674	315	-	100.00	170	1966		

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	320	696	90.80		■

C1: USNM 1606826, 2019

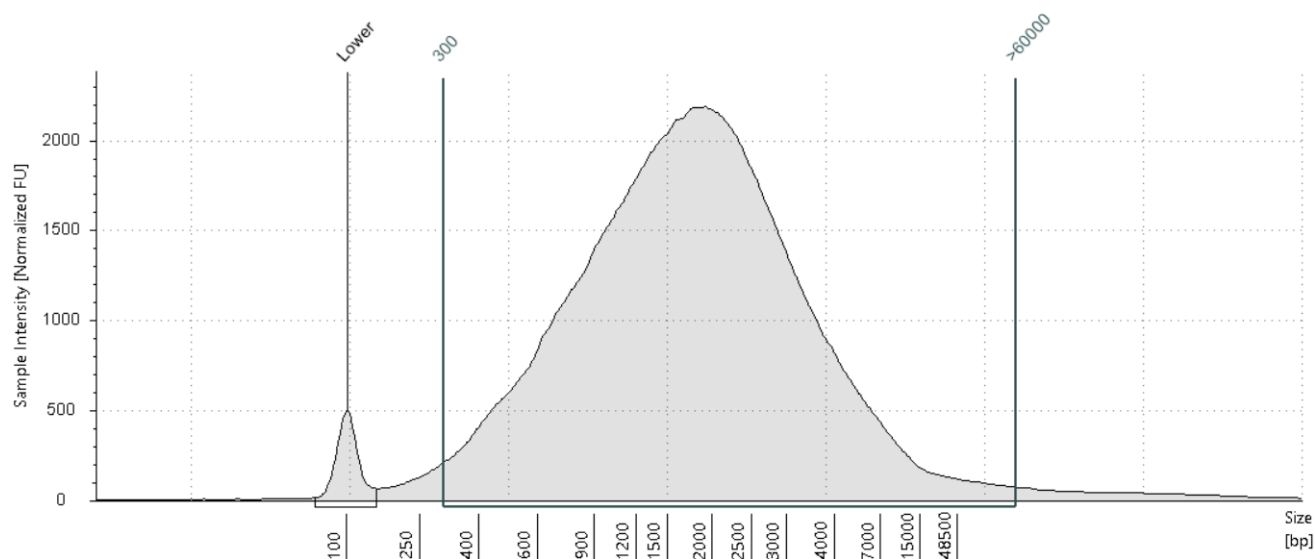


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	3.4	408	USNM 1606826, 2019		Sample concentration outside functional range for DIN and the assay

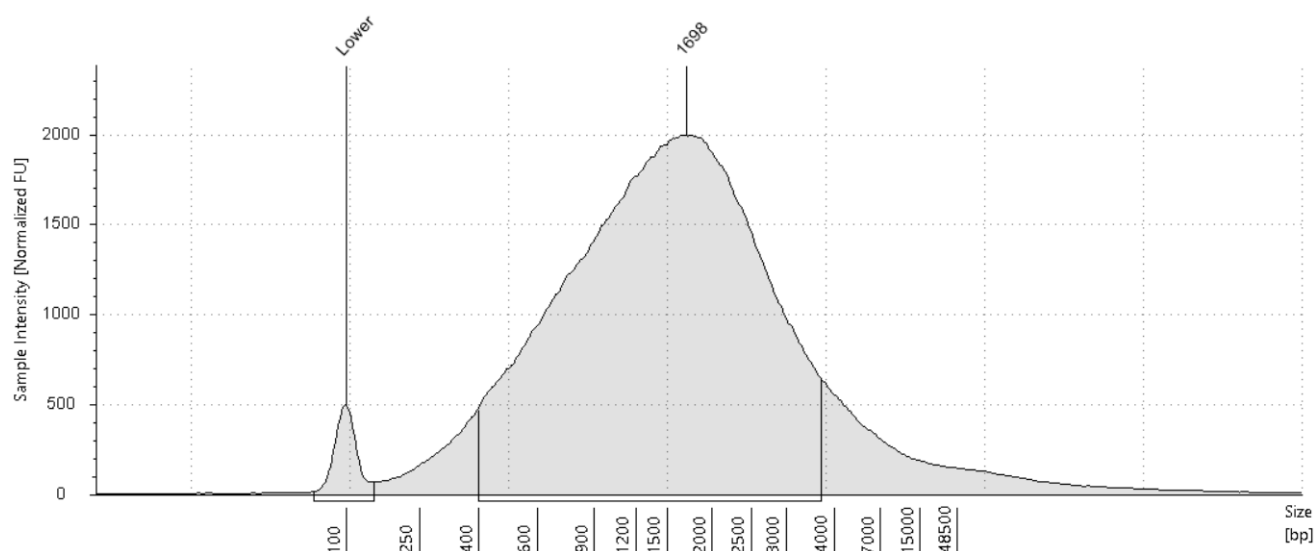
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	144		Lower Marker
1906	342	-	100.00	561	4612		



Region Table

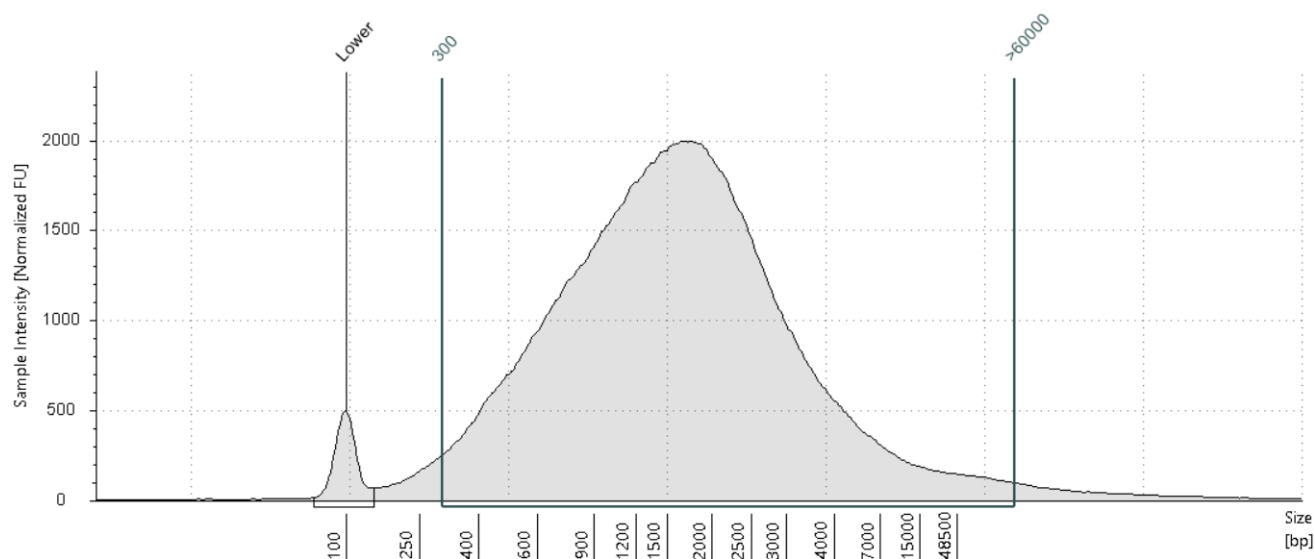
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	396	461	97.21		

D1: USNM 1740336, 2019**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
D1	3.1	368	USNM 1740336, 2019	⚠	Sample concentration outside functional range for DIN and the assay

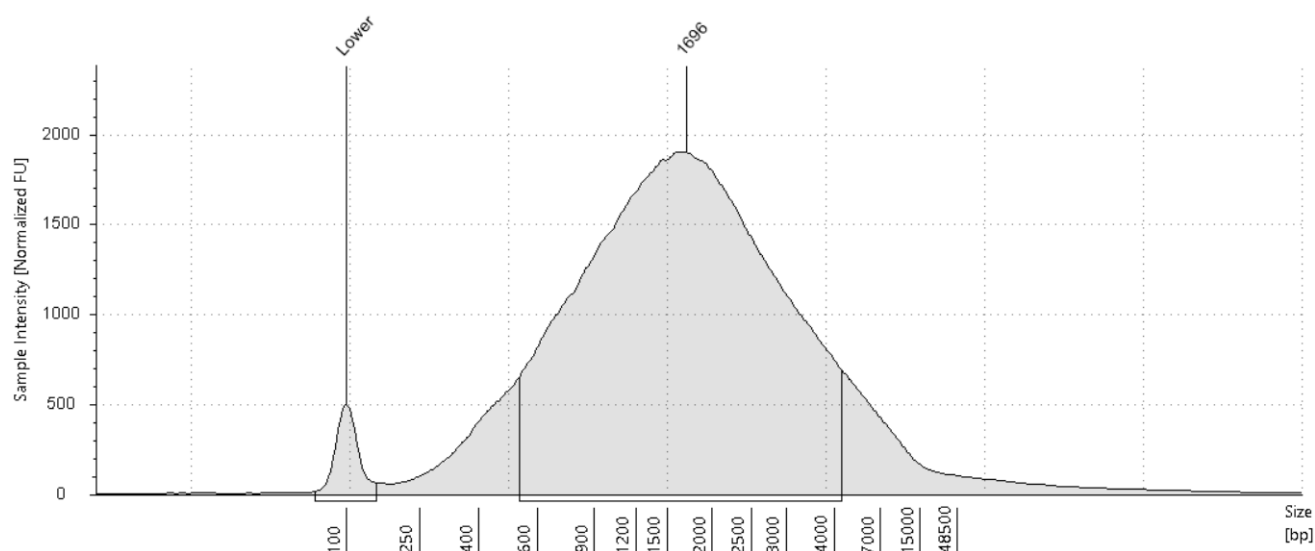
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	142		Lower Marker
1698	315	-	100.00	398	3720		

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	357	455	96.99		■

E1: USNM 1740363, 2019

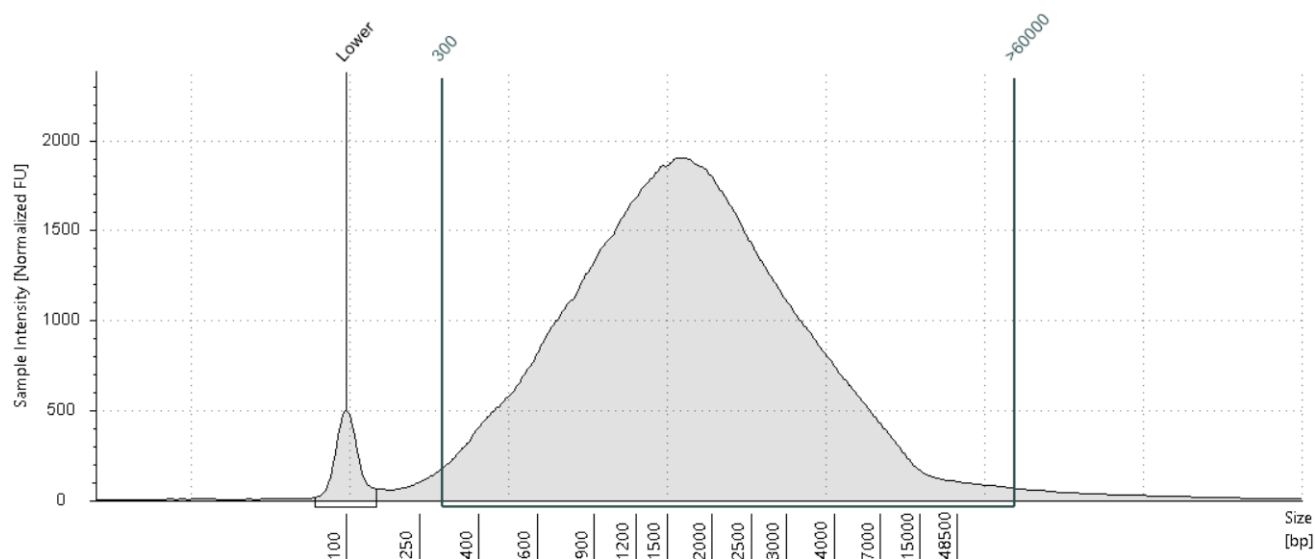


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	3.3	343	USNM 1740363, 2019	⚠	Sample concentration outside functional range for DIN and the assay

Peak Table

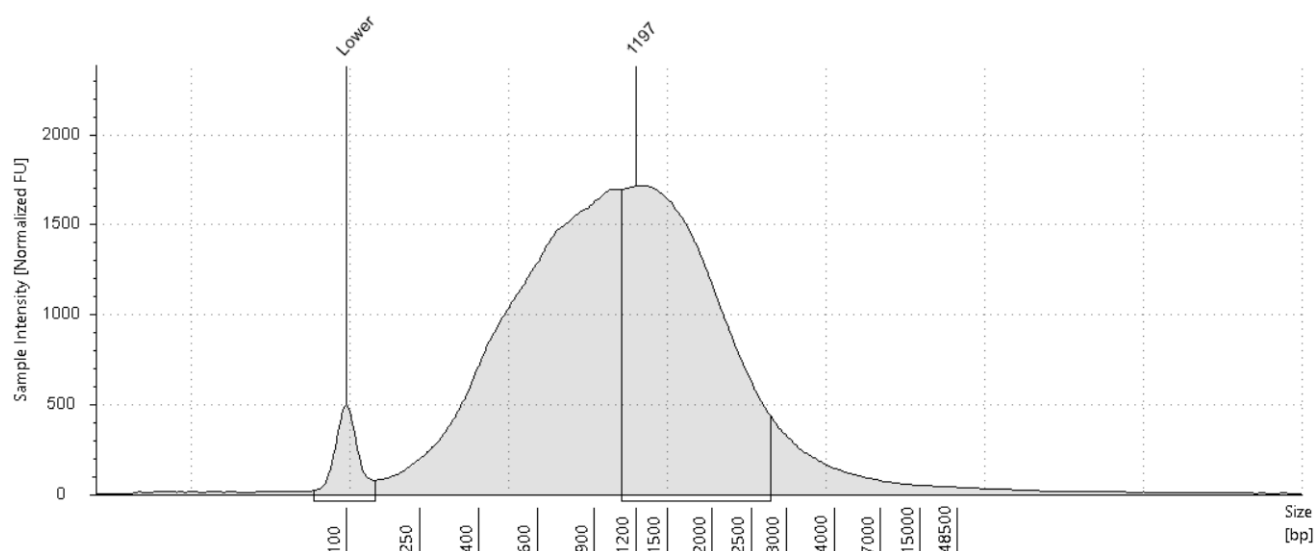
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	146		Lower Marker
1696	286	-	100.00	531	4414		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	334	400	97.40		■

F1: USNM 1740390, 2019

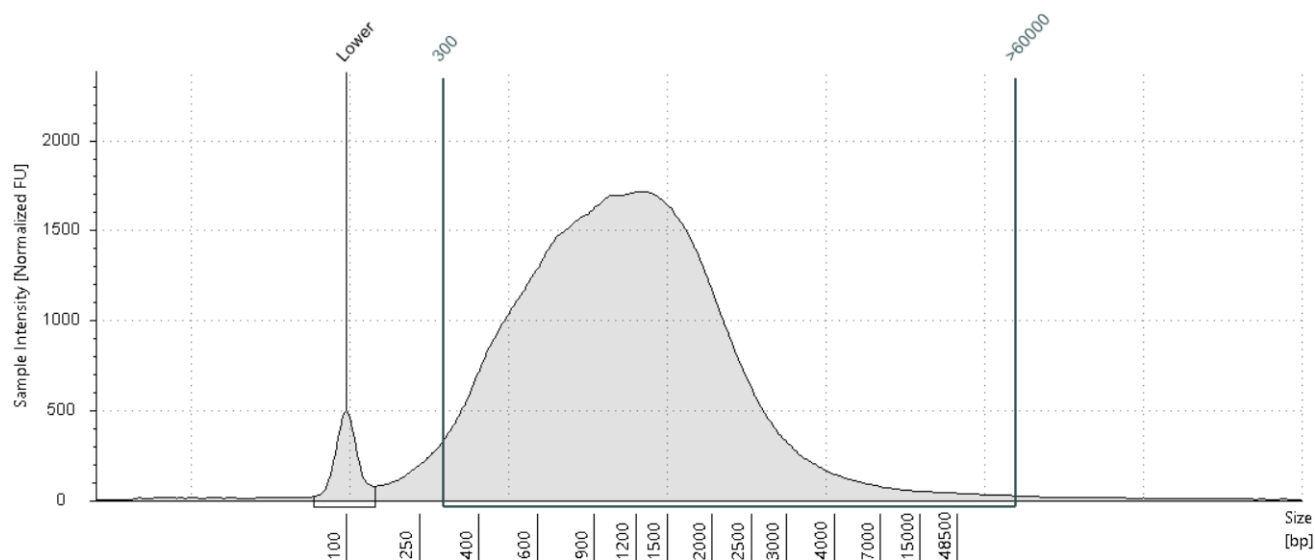


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
F1	2.4	291	USNM 1740390, 2019	⚠	Sample concentration outside recommended range

Peak Table

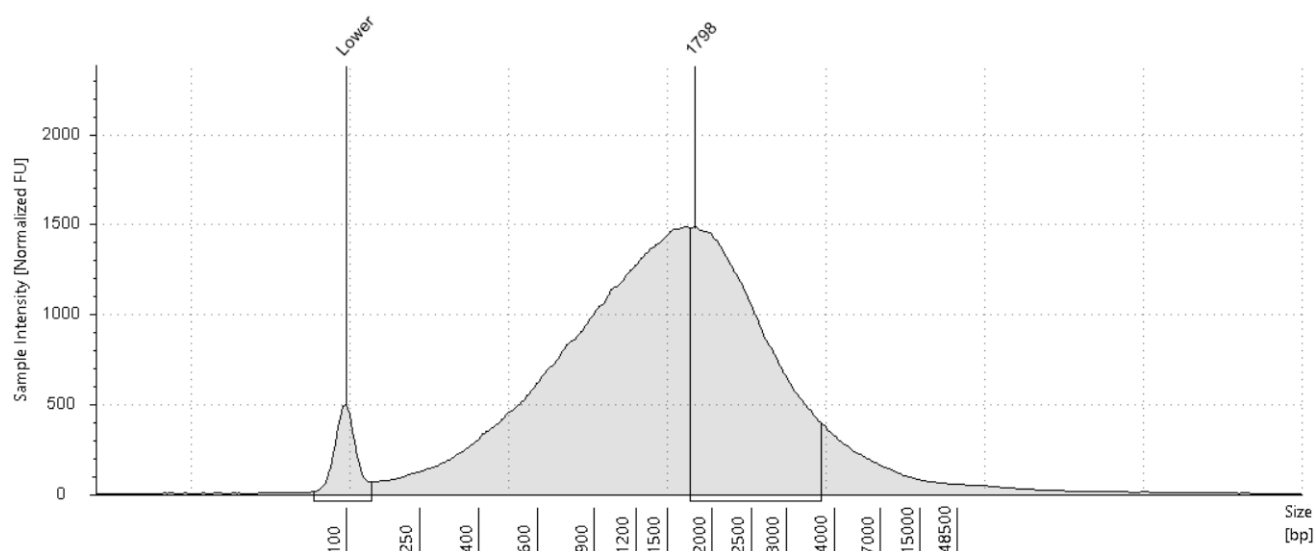
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	144		Lower Marker
1197	127	-	100.00	1083	2767		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	282	474	96.83		■

G1: USNM 1740407, 2019

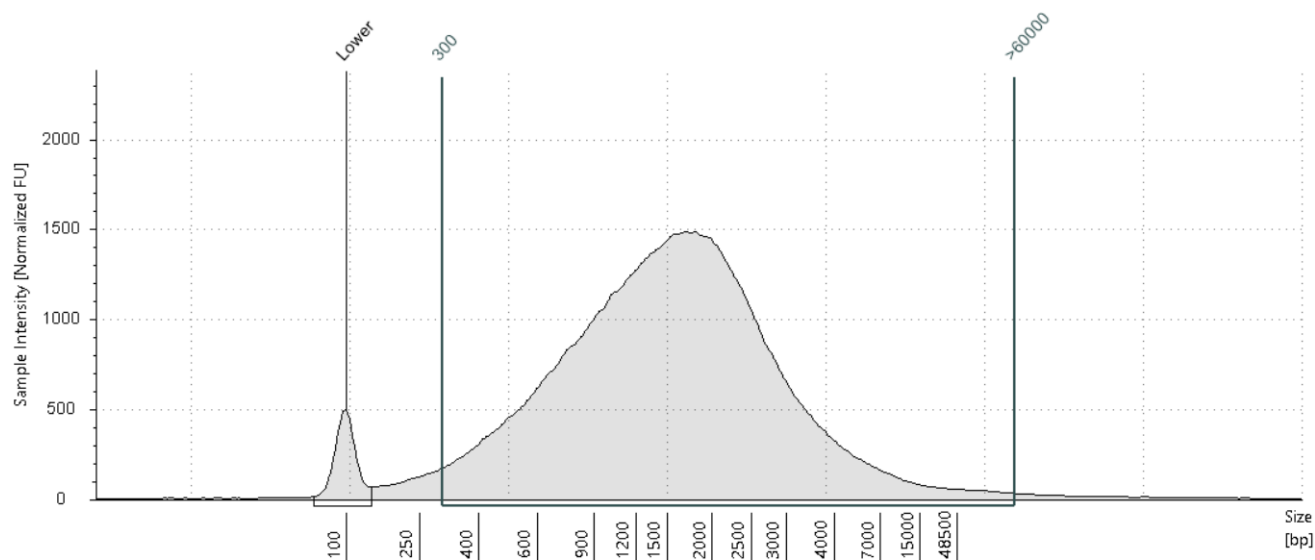


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
G1	3.1	260	USNM 1740407, 2019	⚠	Sample concentration outside recommended range

Peak Table

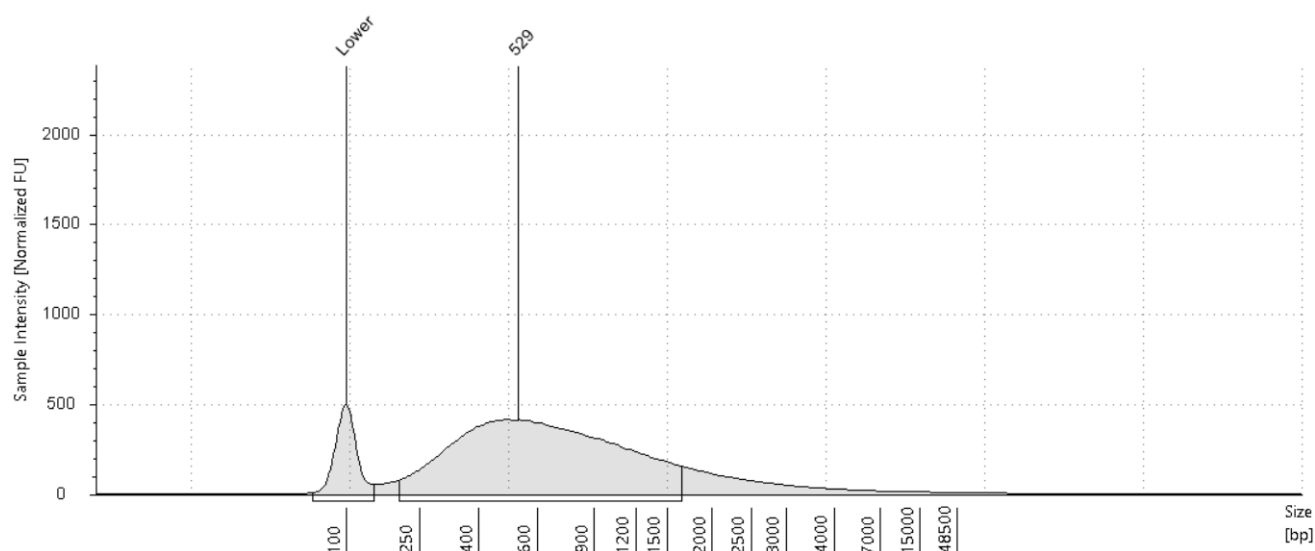
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	137		Lower Marker
1798	91.7	-	99.83	1739	3705		
-	-	-	-	-	-		Sample Well



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	251	321	96.89		■

H1: USNM 50368, 1880

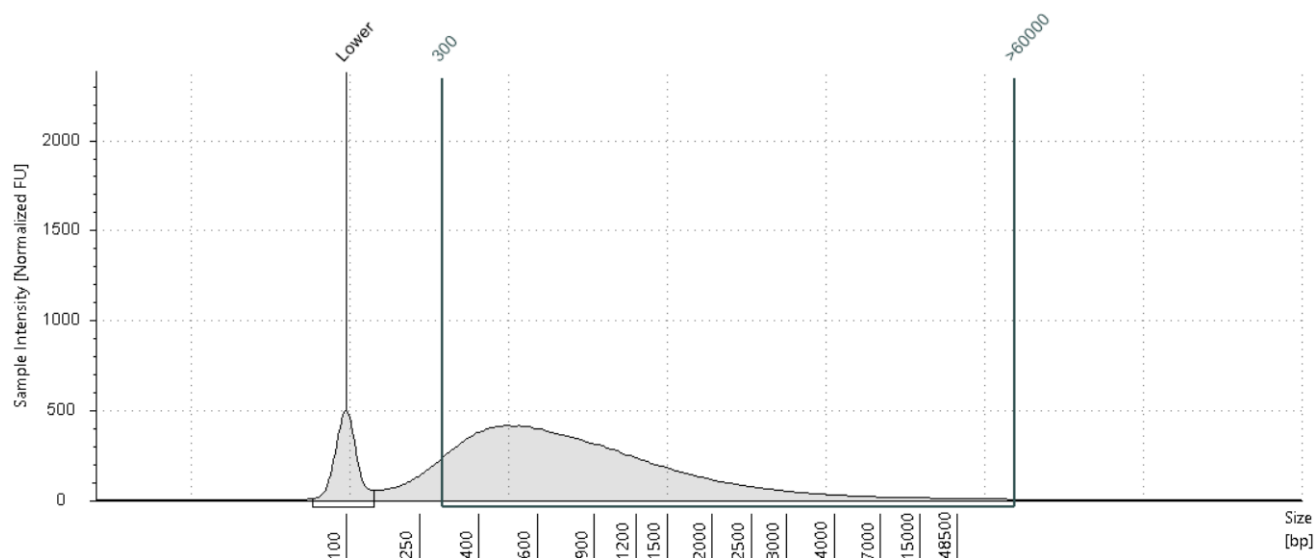


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
H1	1.7	68.3	USNM 50368, 1880		

Peak Table

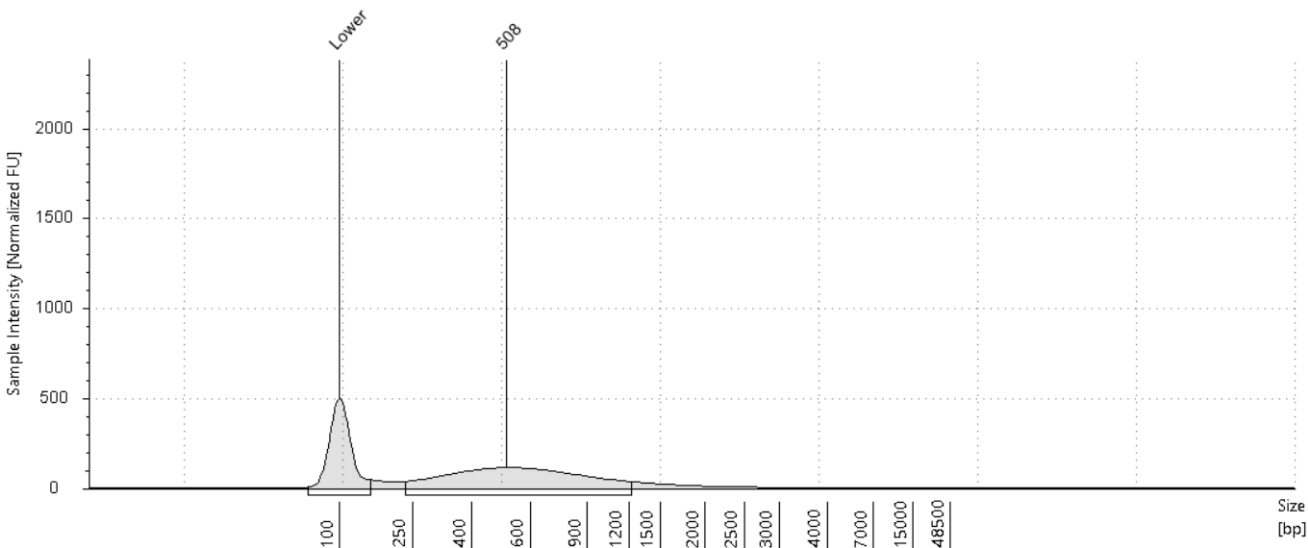
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	142		Lower Marker
529	57.2	-	99.87	194	1656		
-	-	-	-	-	-		Sample Well



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	62.6	143	91.68		

A2: USNM 51727, 1960

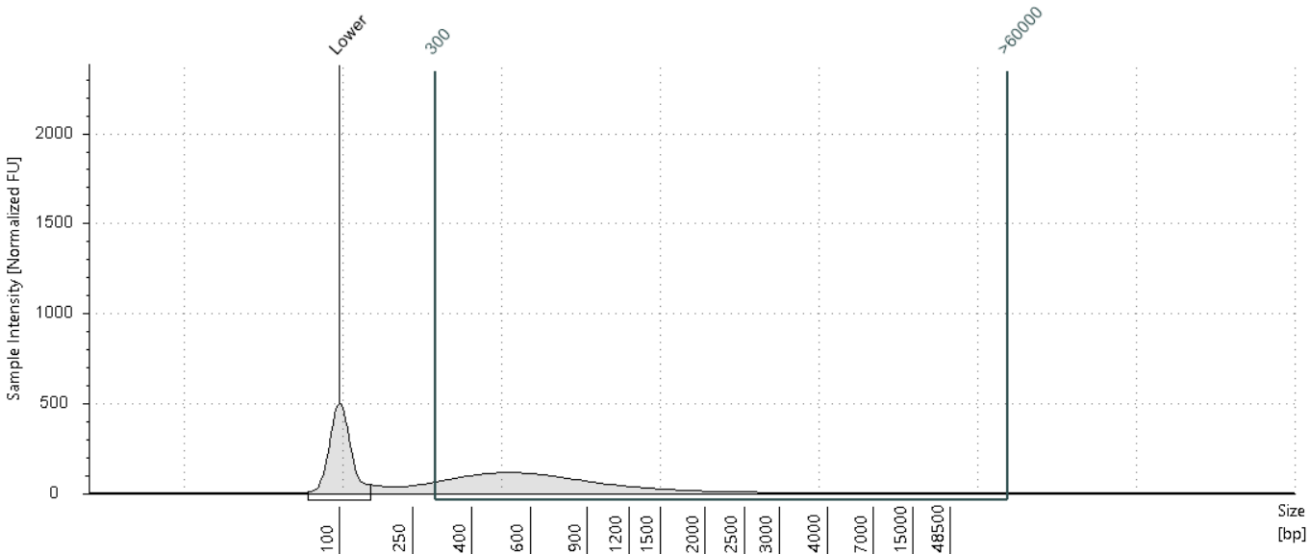


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A2	1.3	15.3	USNM 51727, 1960		

Peak Table

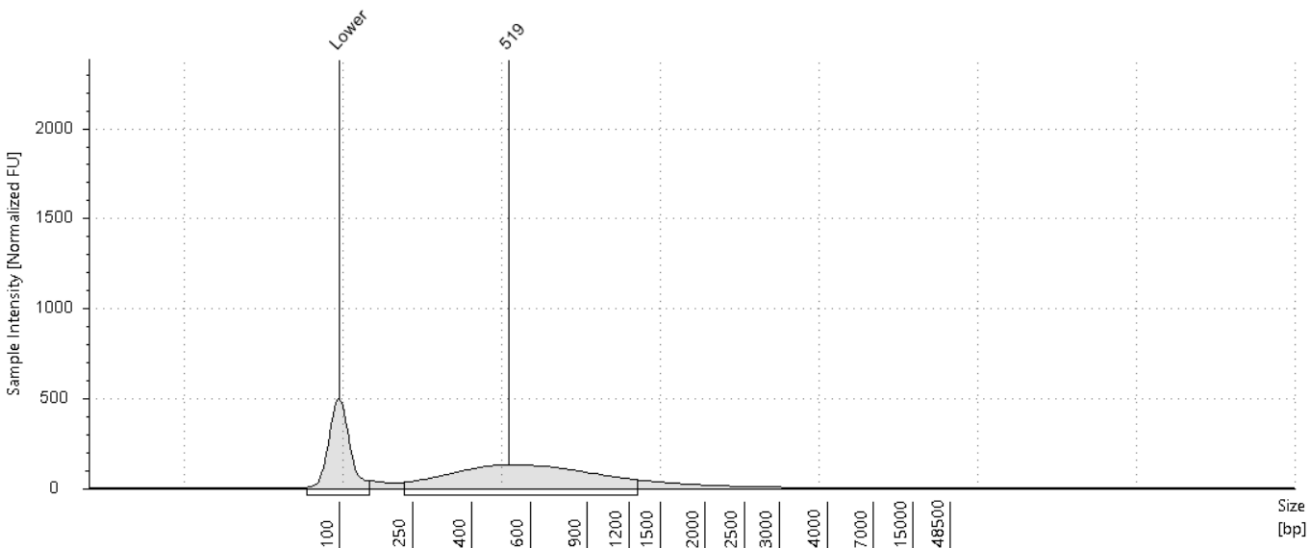
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	149		Lower Marker
508	12.6	-	100.00	229	1229		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	13.4	34.7	87.12		

B2: USNM 51729, 1960

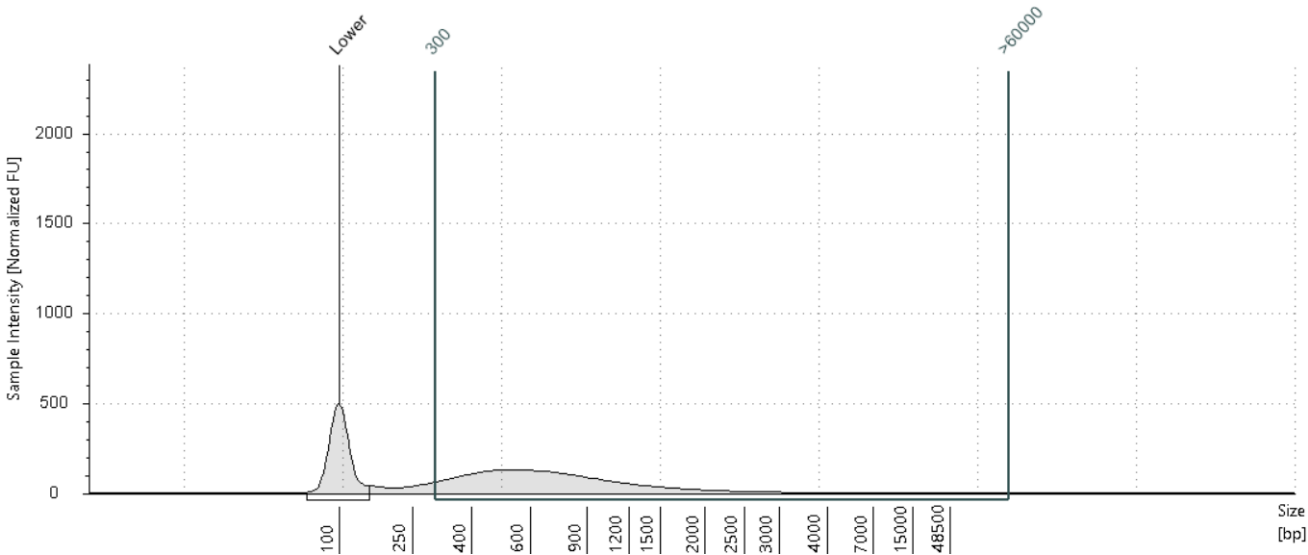


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B2	1.5	18.7	USNM 51729, 1960		

Peak Table

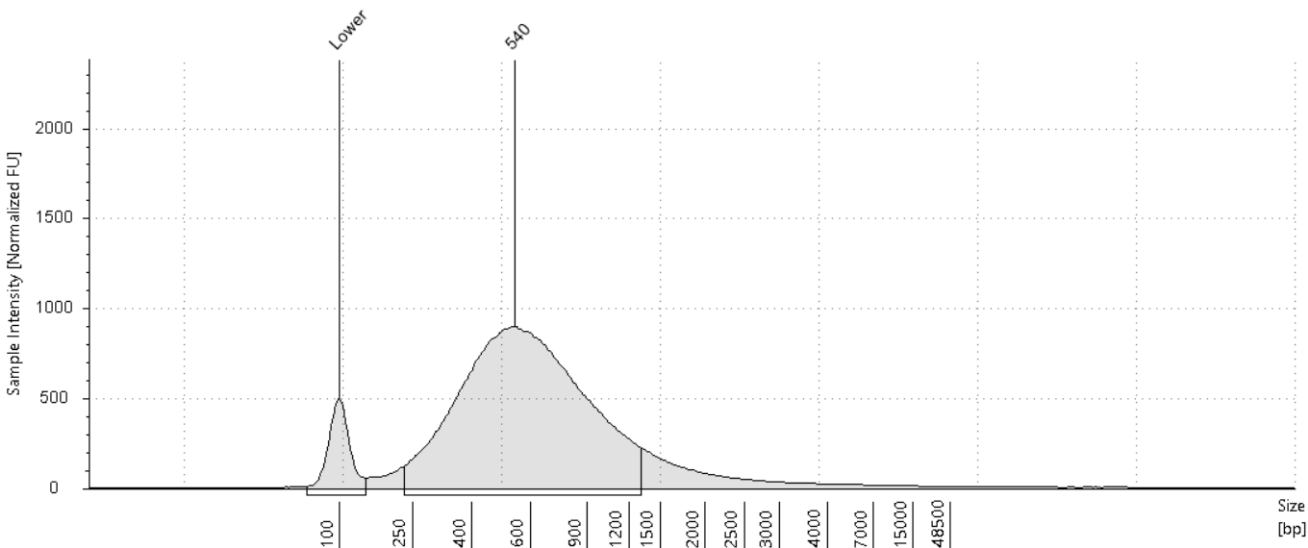
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	146		Lower Marker
519	15.4	-	100.00	224	1277		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	16.7	41.4	89.23		

C2: USNM 51857, 1960

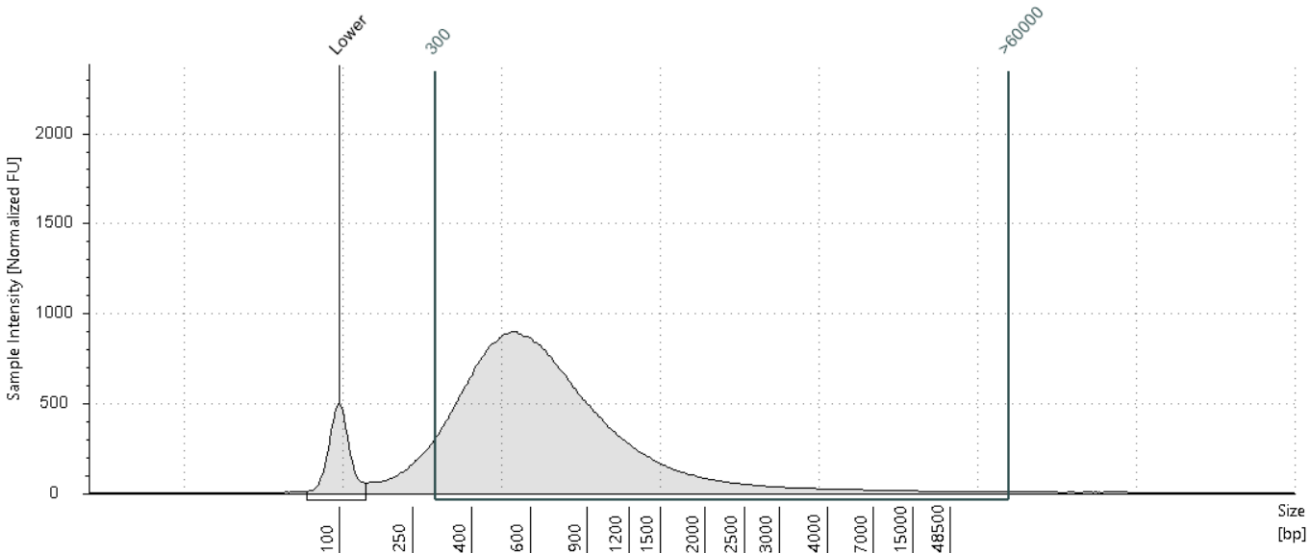


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
C2	1.4	109	USNM 51857, 1960		Sample concentration outside recommended range

Peak Table

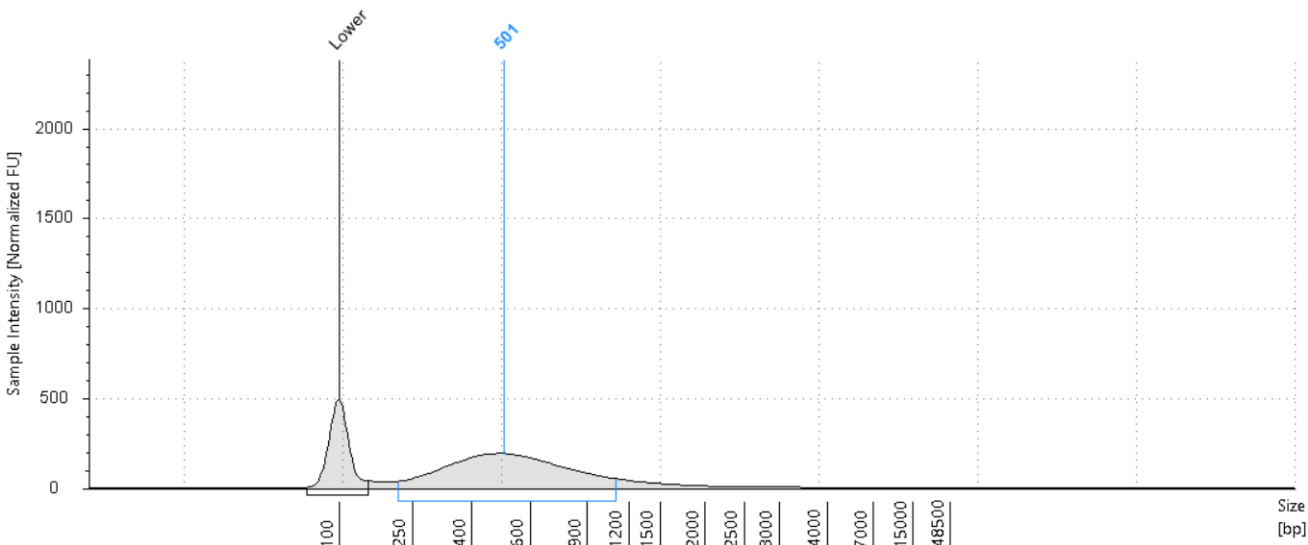
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	139		Lower Marker
540	94.7	-	100.00	225	1310		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	102	256	93.00		

D2: USNM 51858, 1960

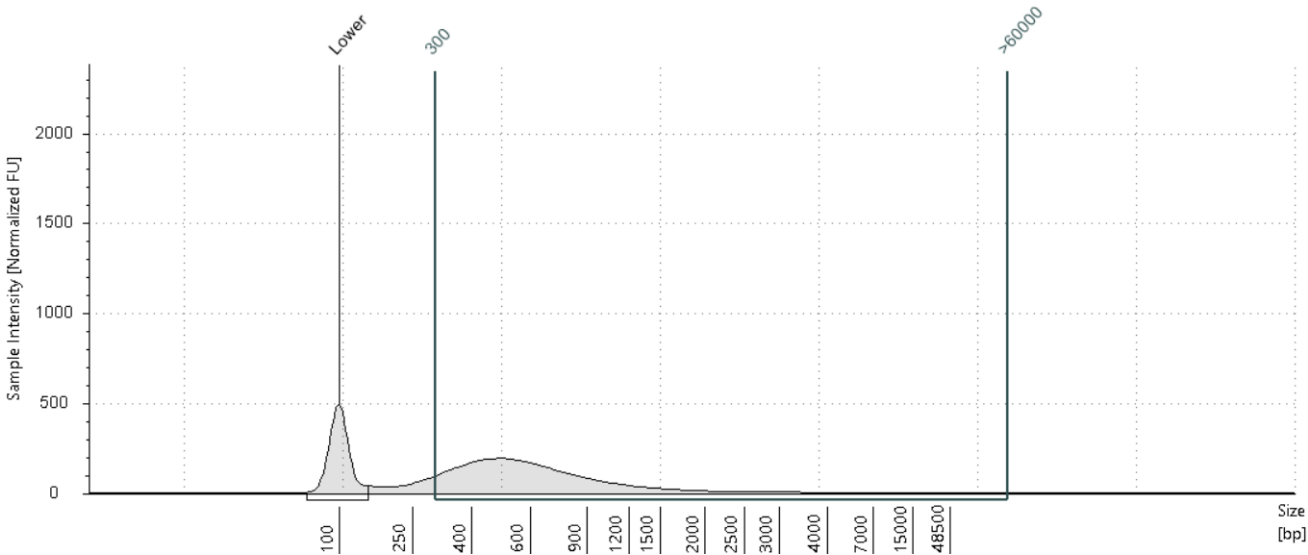


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
D2	1.3	24.2	USNM 51858, 1960		

Peak Table

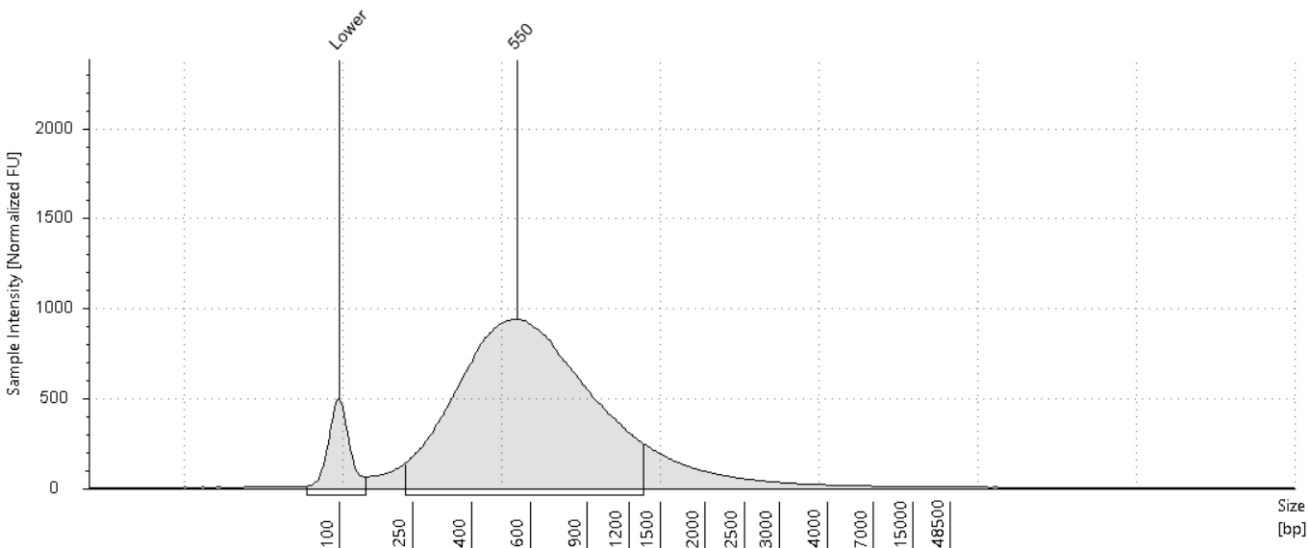
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	144		Lower Marker
501	20.2	-	100.00	211	1100		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	21.5	58.3	88.78		

E2: USNM 51859, 1960

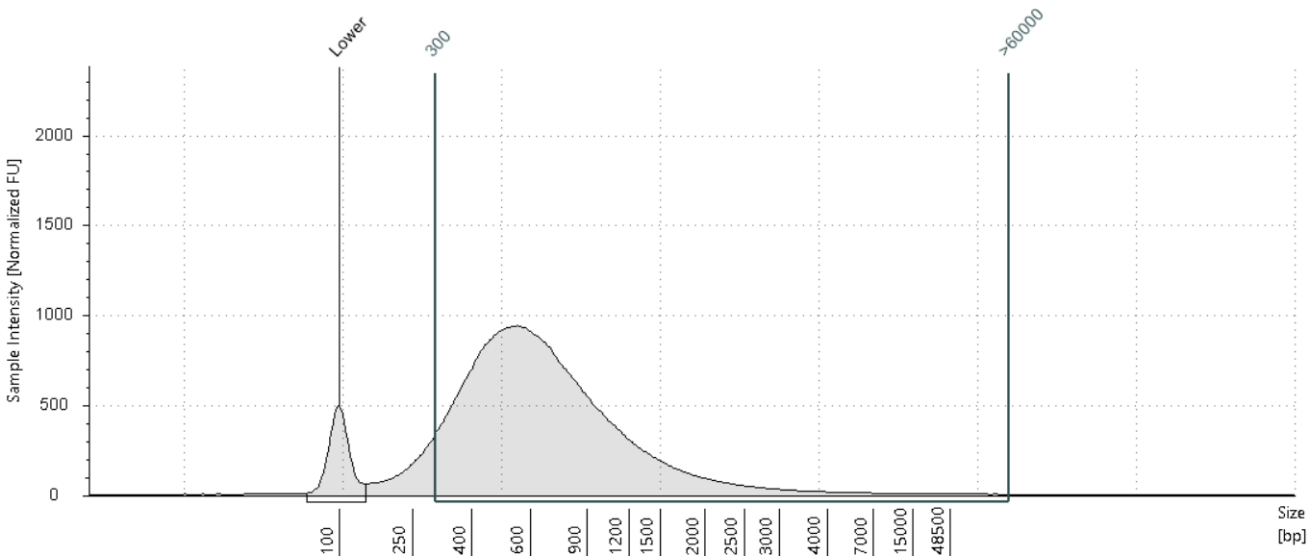


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
E2	1.5	117	USNM 51859, 1960		Sample concentration outside recommended range

Peak Table

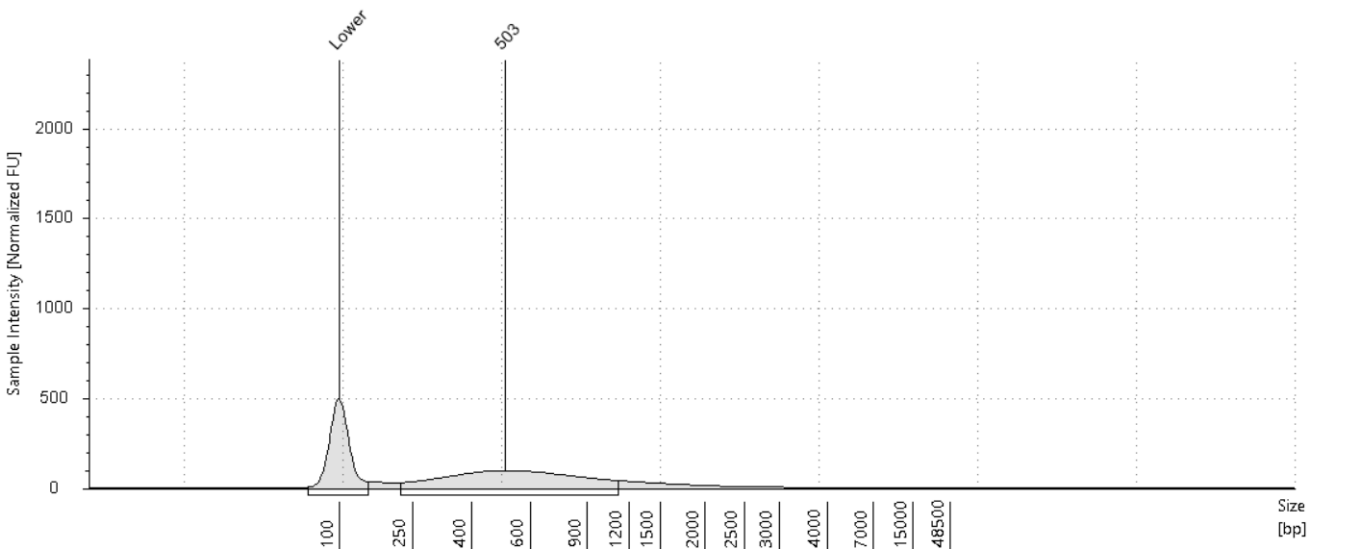
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	139		Lower Marker
550	101	-	100.00	229	1334		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	108	270	92.46		

F2: USNM 51860, 1960

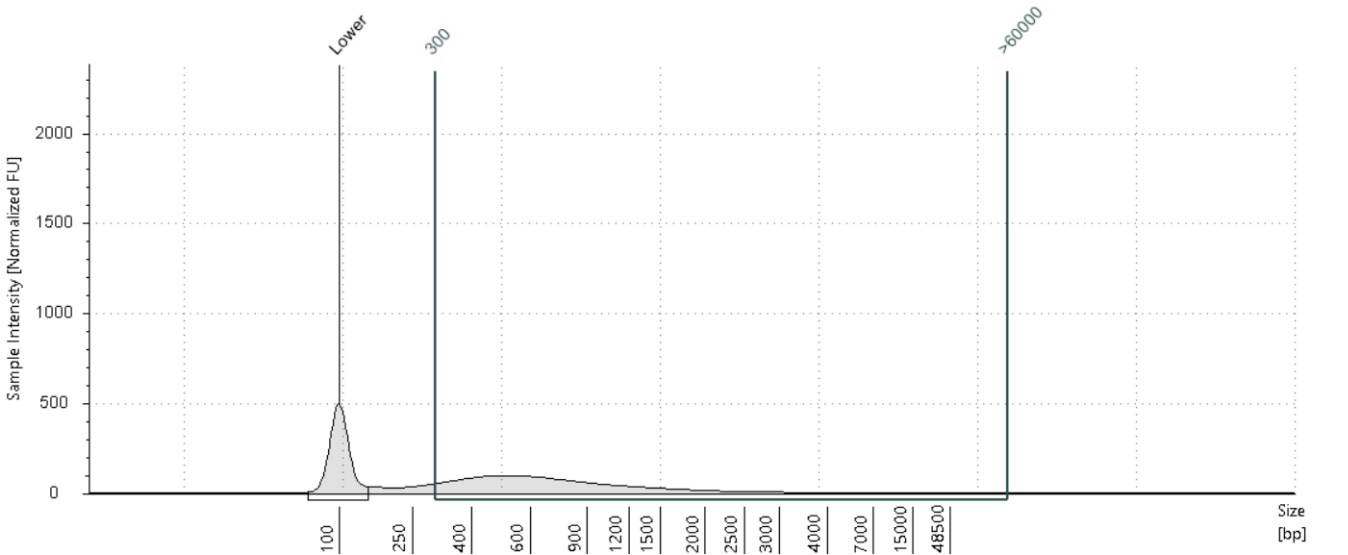


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
F2	1.4	15.6	USNM 51860, 1960		

Peak Table

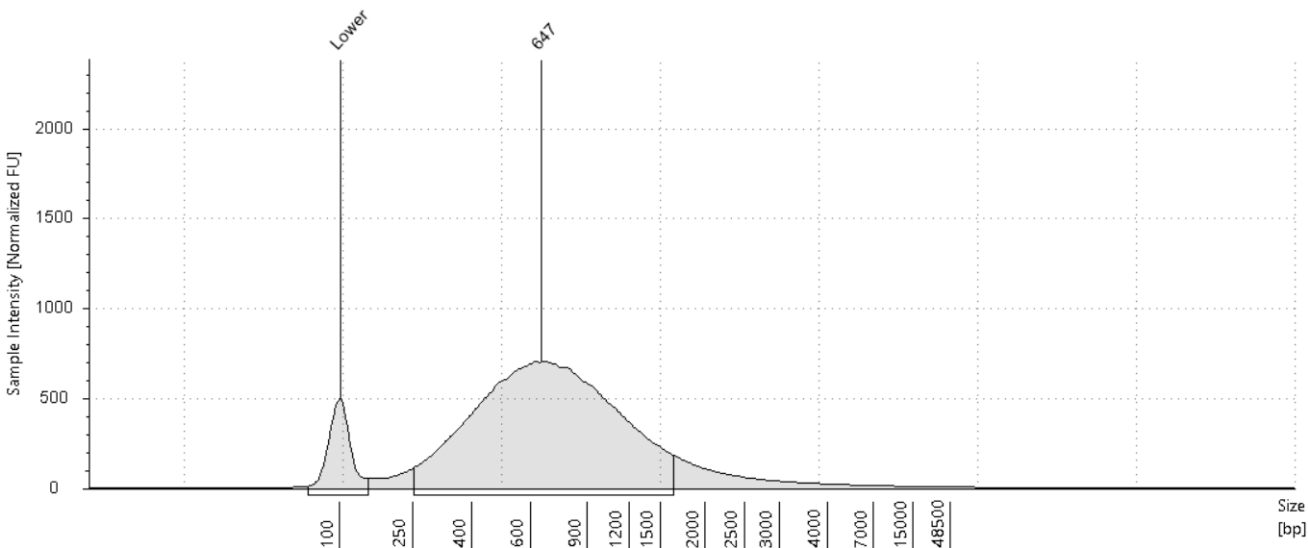
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	144		Lower Marker
503	11.7	-	100.00	218	1121		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	13.5	33.1	86.46		

G2: USNM 51861, 1960

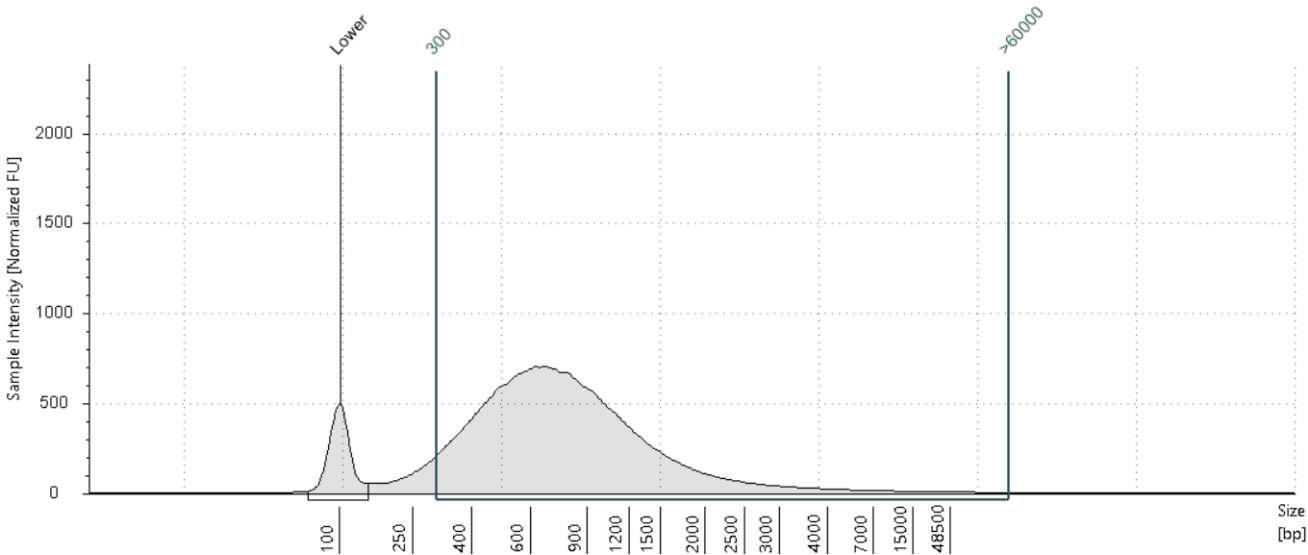


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
G2	1.7	94.1	USNM 51861, 1960		

Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	142		Lower Marker
647	82.7	-	100.00	252	1625		



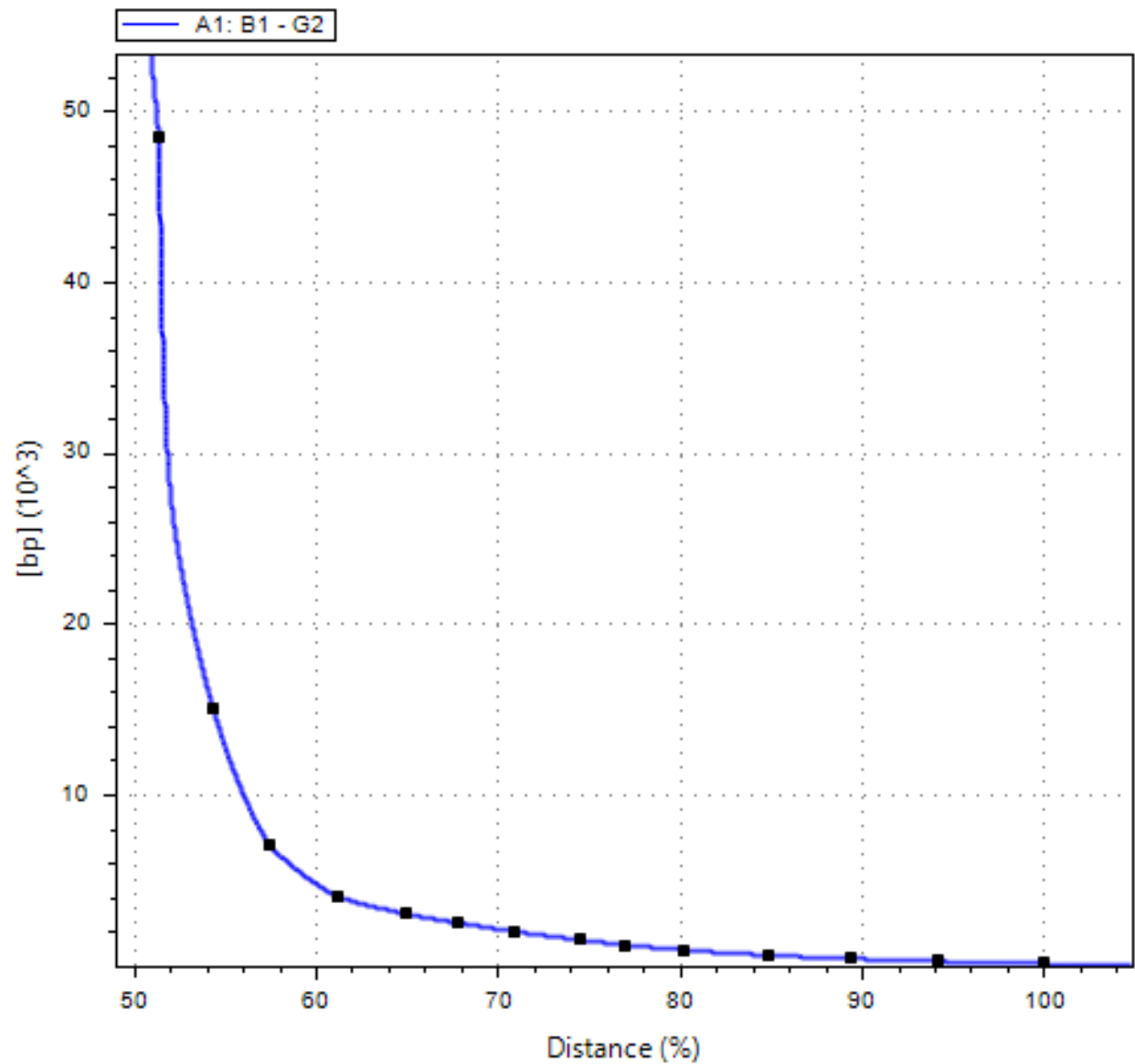
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	89.2	201	94.72		

Calibration

Molecular Weight Settings

Fitting type: Genomic DNA Sizing
Alignment type: From lower marker



Concentration Settings

Calibration mode: Lower Marker
Normalise peaks from: Lower Marker
Fitting type: Linear Regression