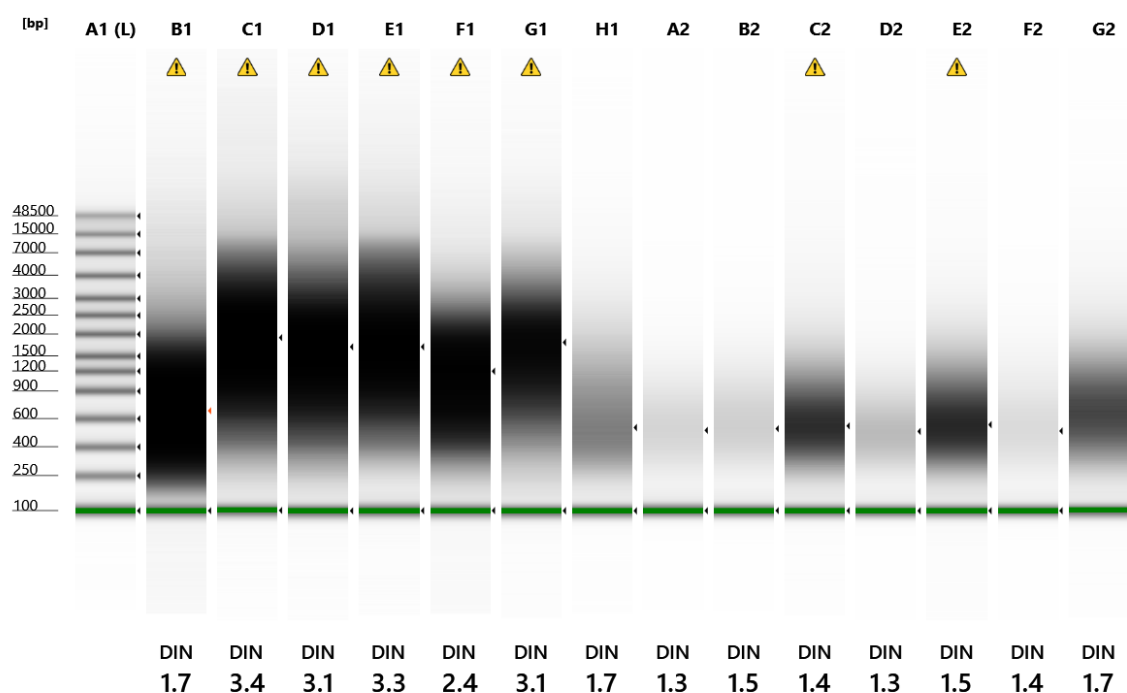


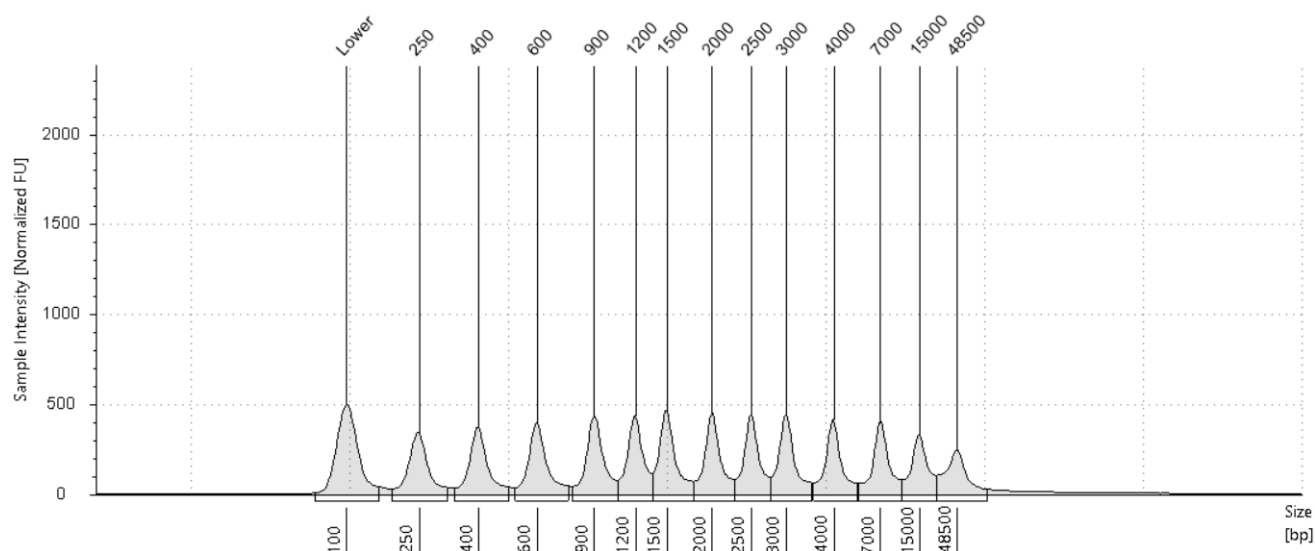
Filename: 2025-07-25 - 18.22.41.gDNA



Default image (Contrast 100%)

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		

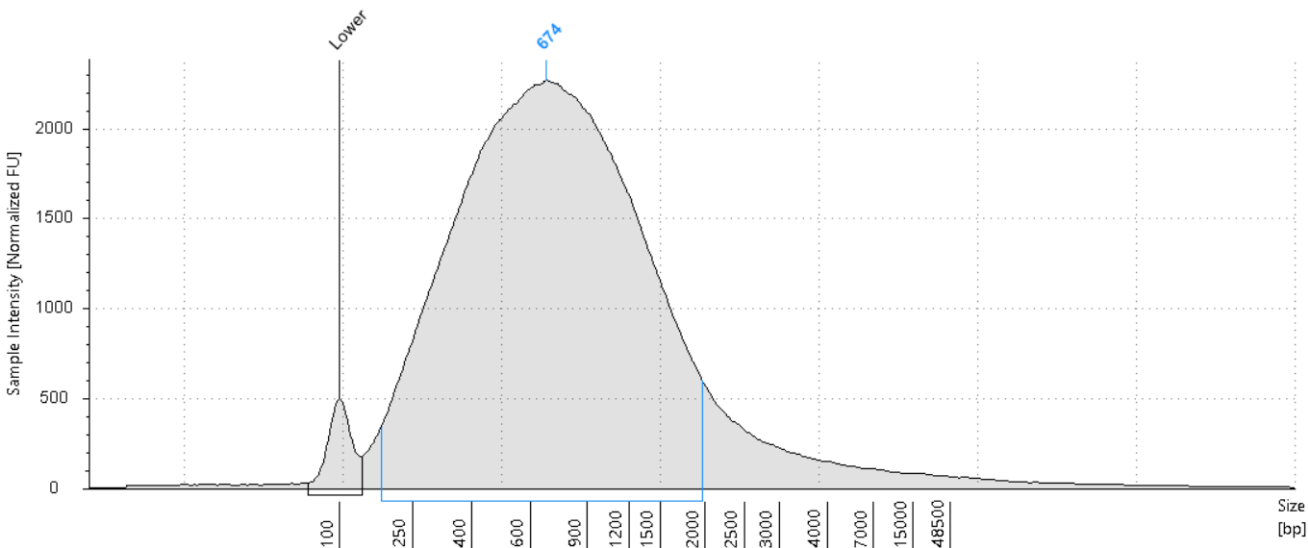
A1: Ladder**Sample Table**

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

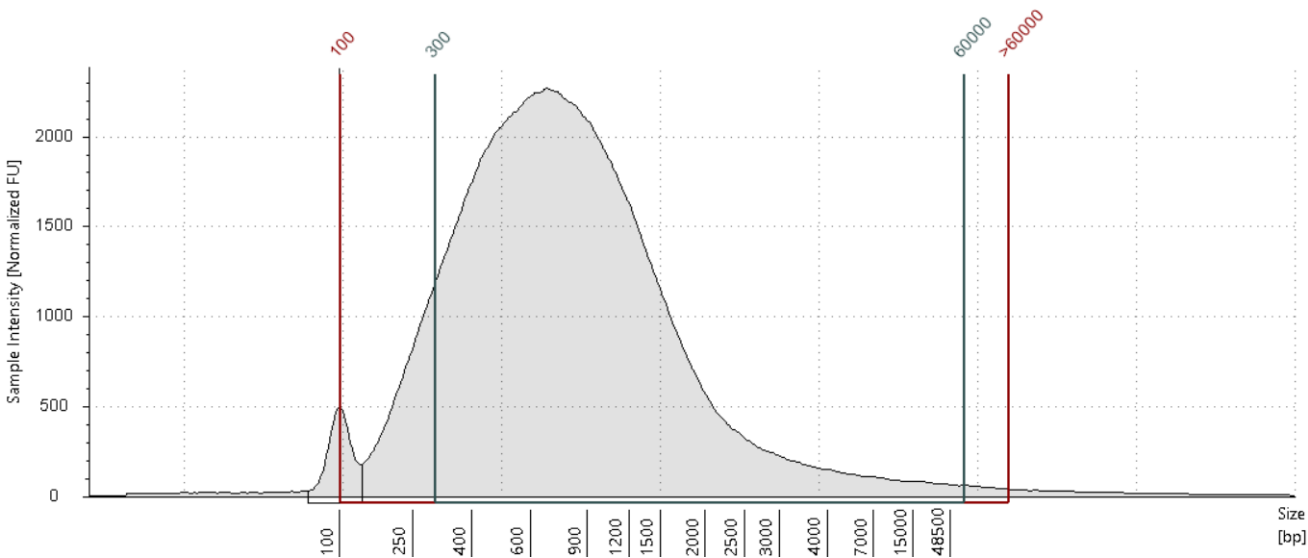


Sample Table

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

Peak Table

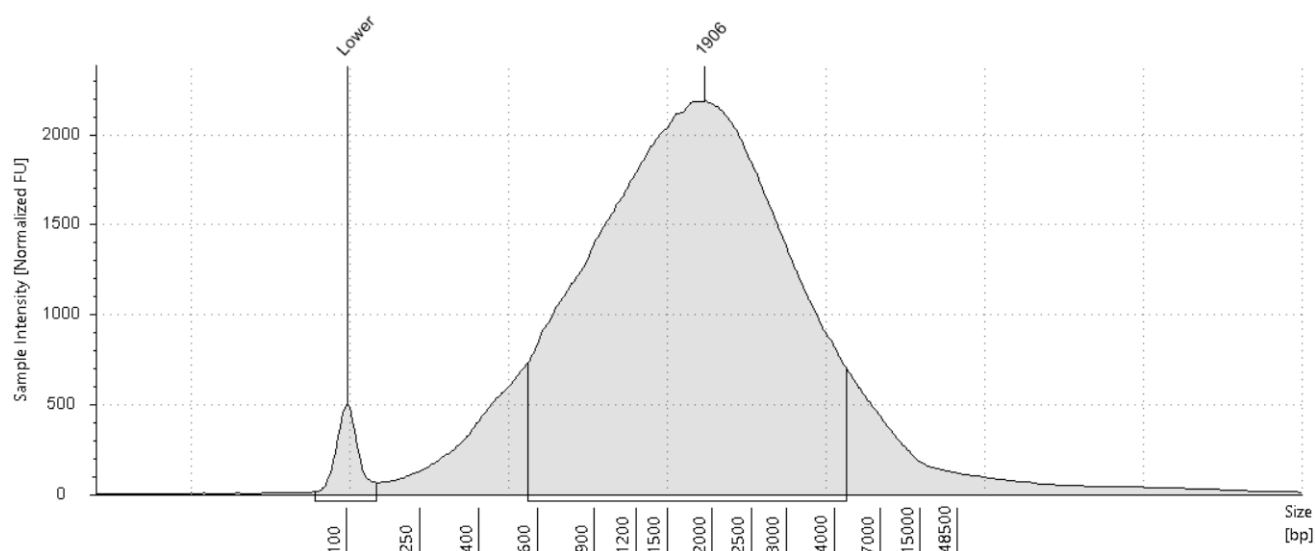
Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	132		Lower Marker
674	315	-	100.00	170	1966		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/ul]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	349	959	98.97		
300	60000	1284	319	696	90.44		

C1: USNM 1606826, 2019

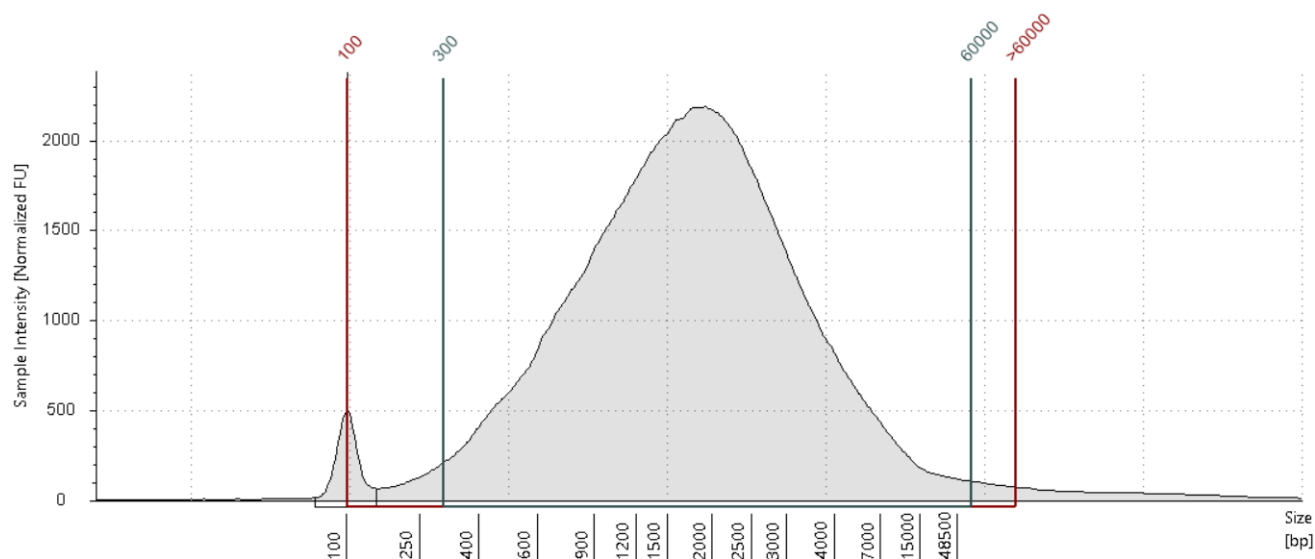


Sample Table

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

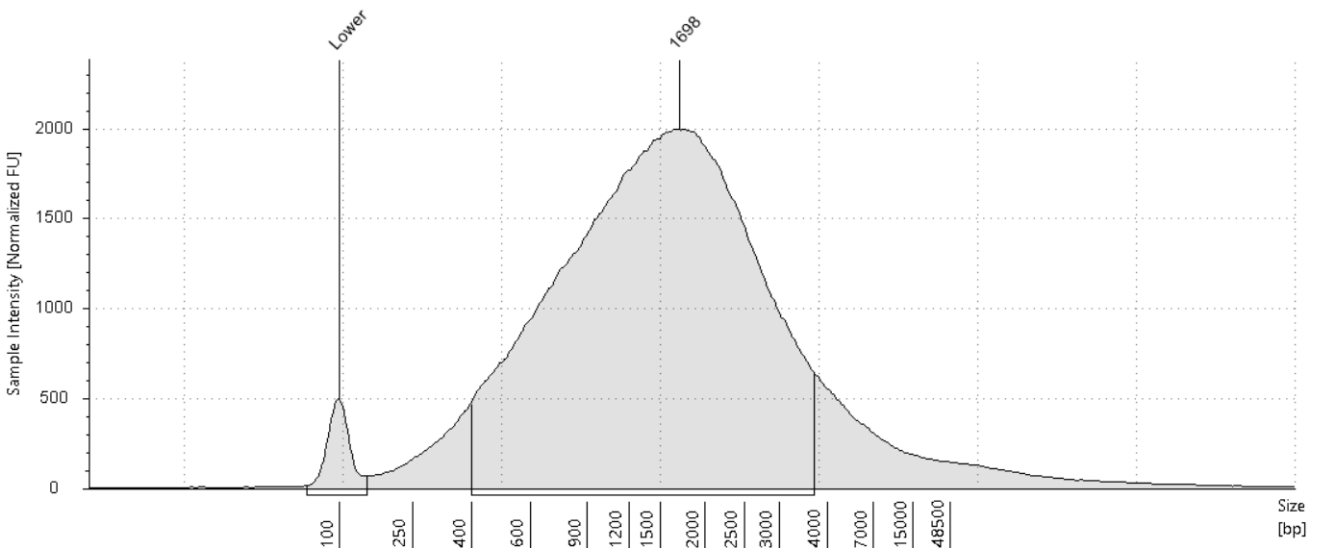
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	144		Lower Marker
1906	342	-	100.00	561	4612		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	401	557	98.44		Red
300	60000	2426	394	461	96.60		Green

D1: USNM 1740336, 2019

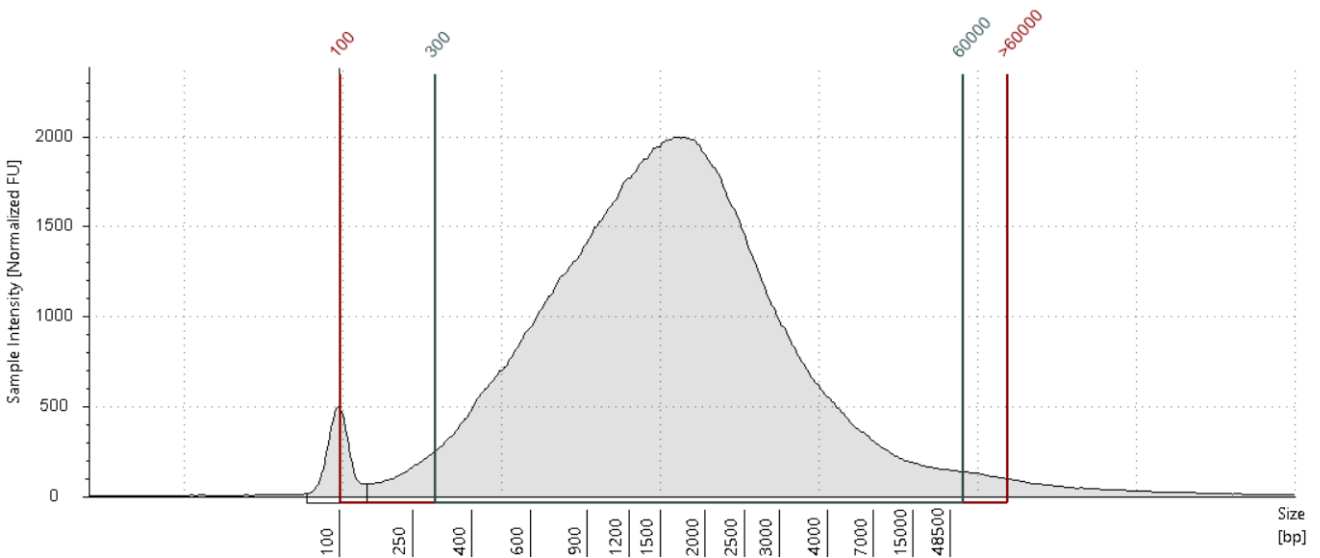


Sample Table

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

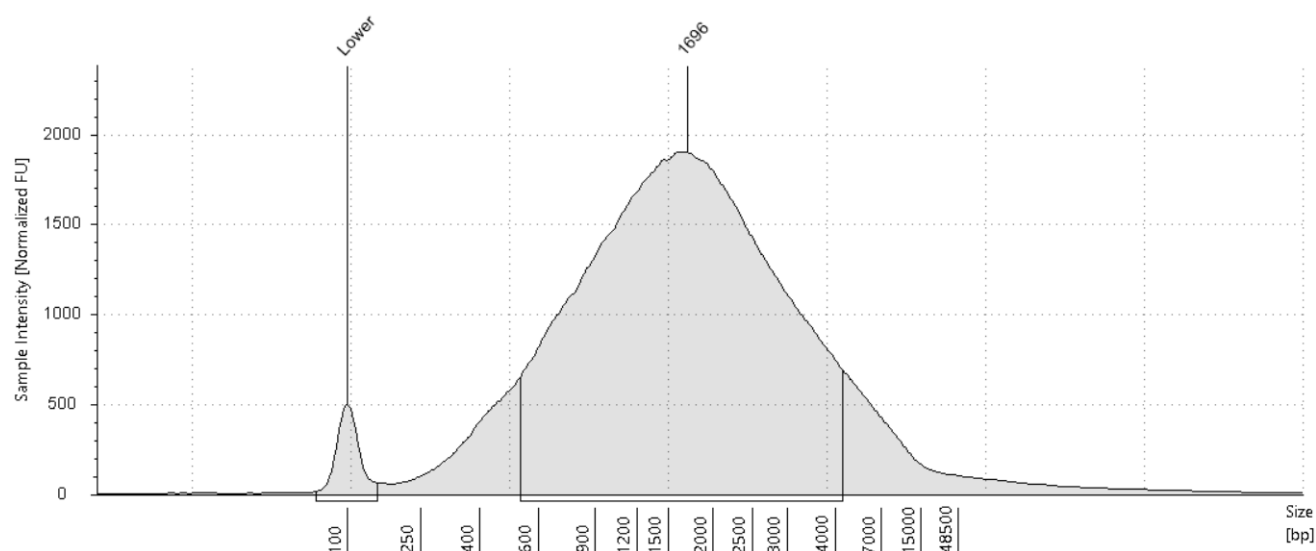
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	142		Lower Marker
1698	315	-	100.00	398	3720		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	362	561	98.59		
300	60000	2354	353	455	96.07		

E1: USNM 1740363, 2019

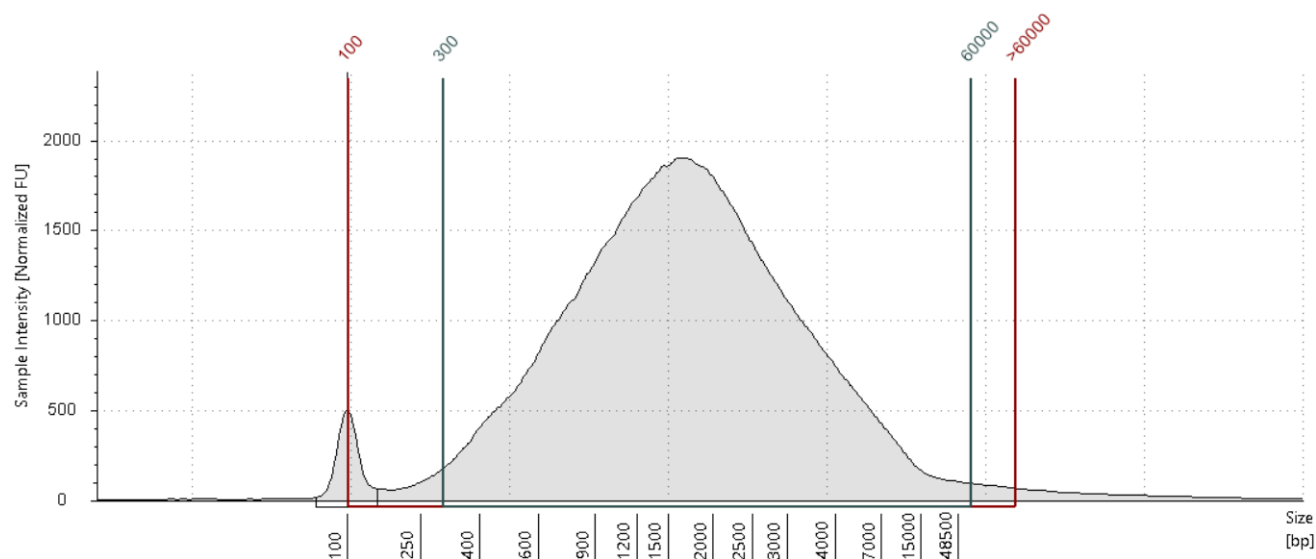


Sample Table

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

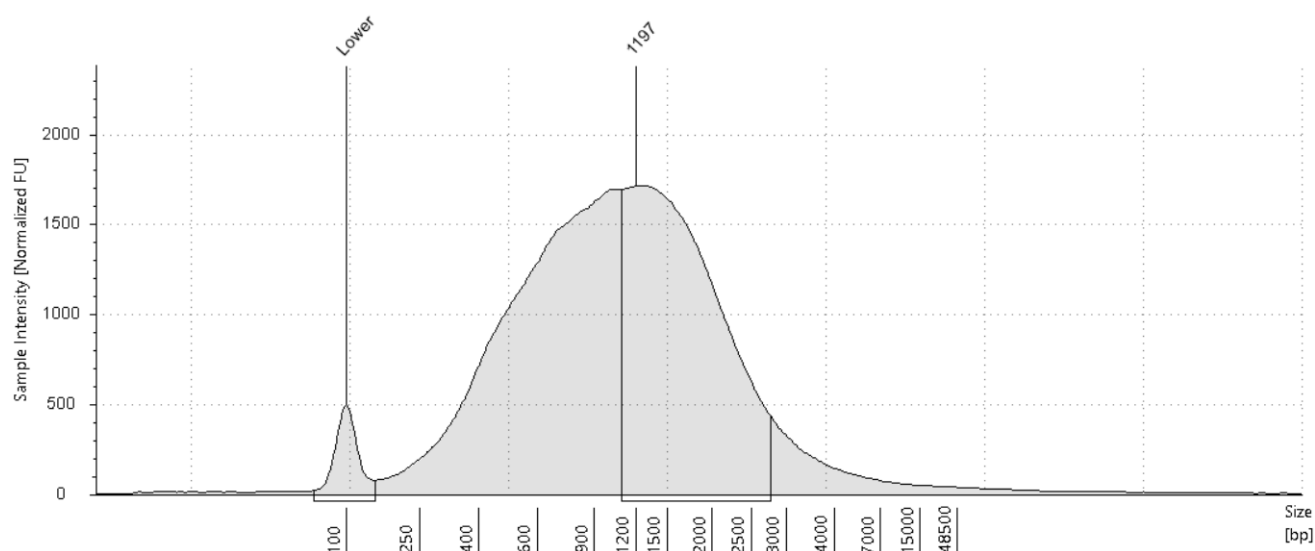
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	146		Lower Marker
1696	286	-	100.00	531	4414		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	337	492	98.49		Red
300	60000	2402	331	400	96.74		Blue

F1: USNM 1740390, 2019

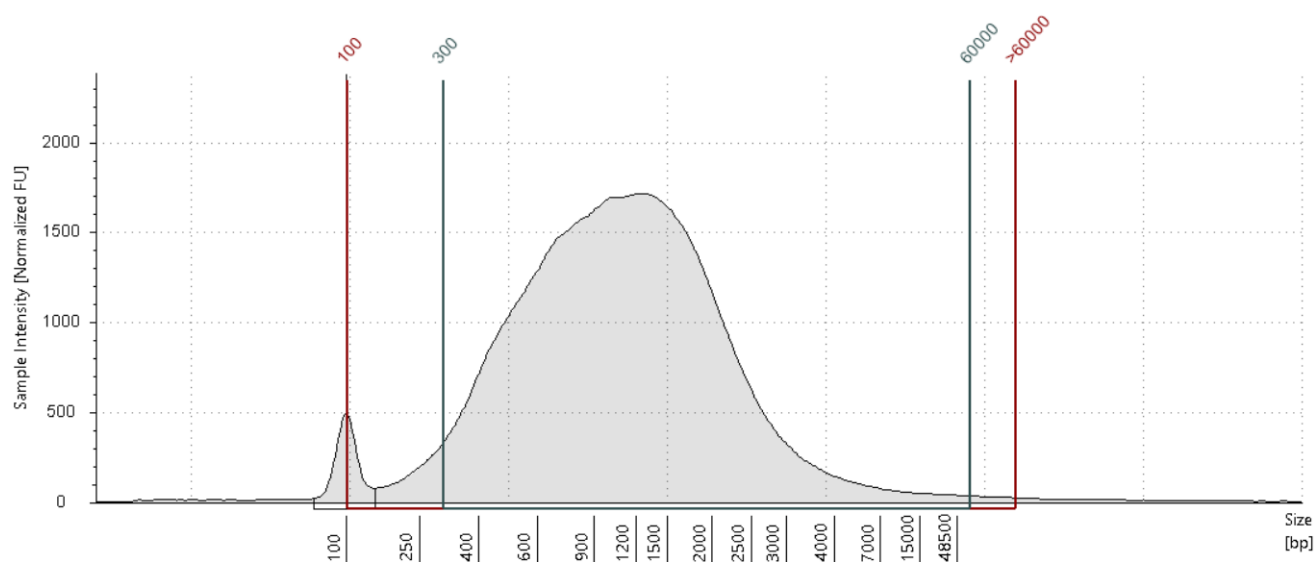


Sample Table

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

Peak Table

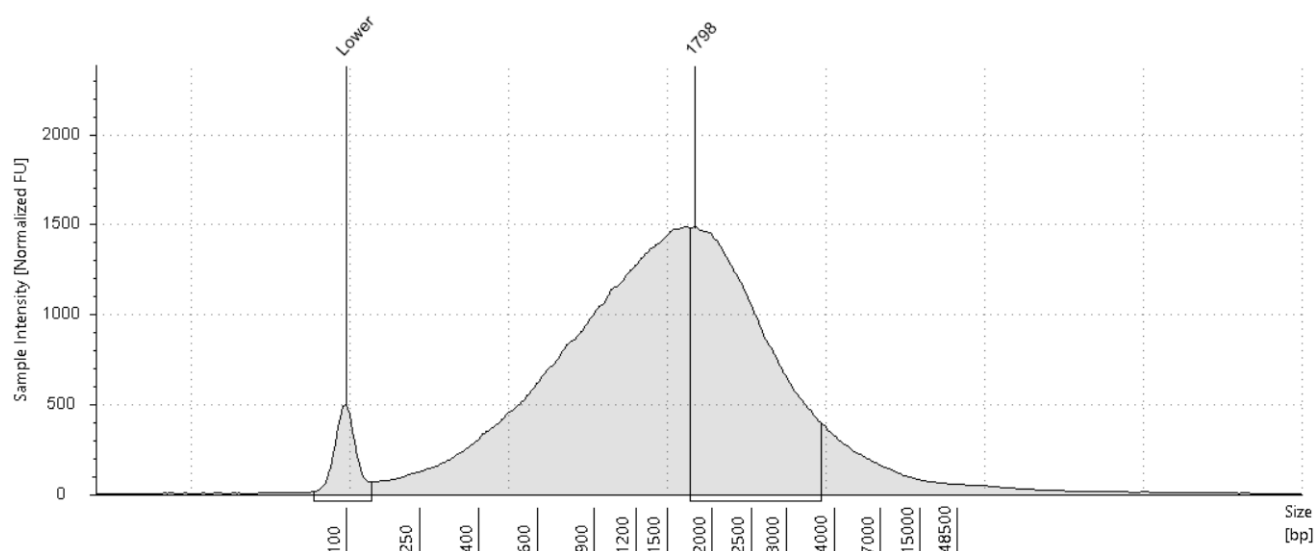
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	144		Lower Marker
1197	127	-	100.00	1083	2767		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	289	581	99.24		Red
300	60000	1495	281	474	96.58		Blue

G1: USNM 1740407, 2019

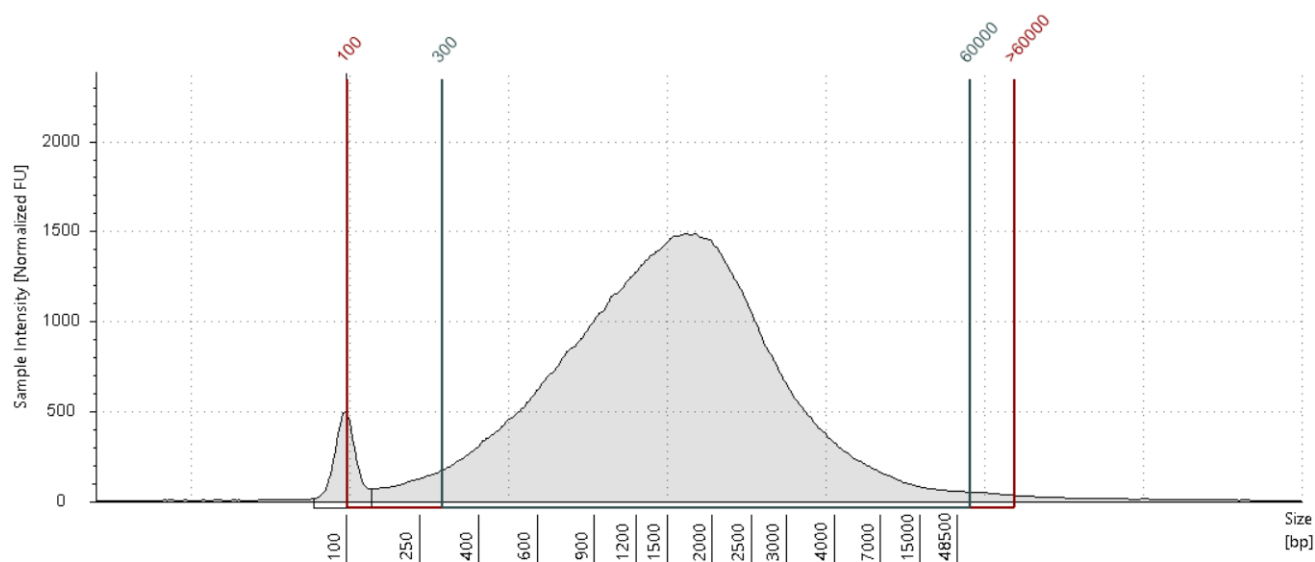


Sample Table

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

Peak Table

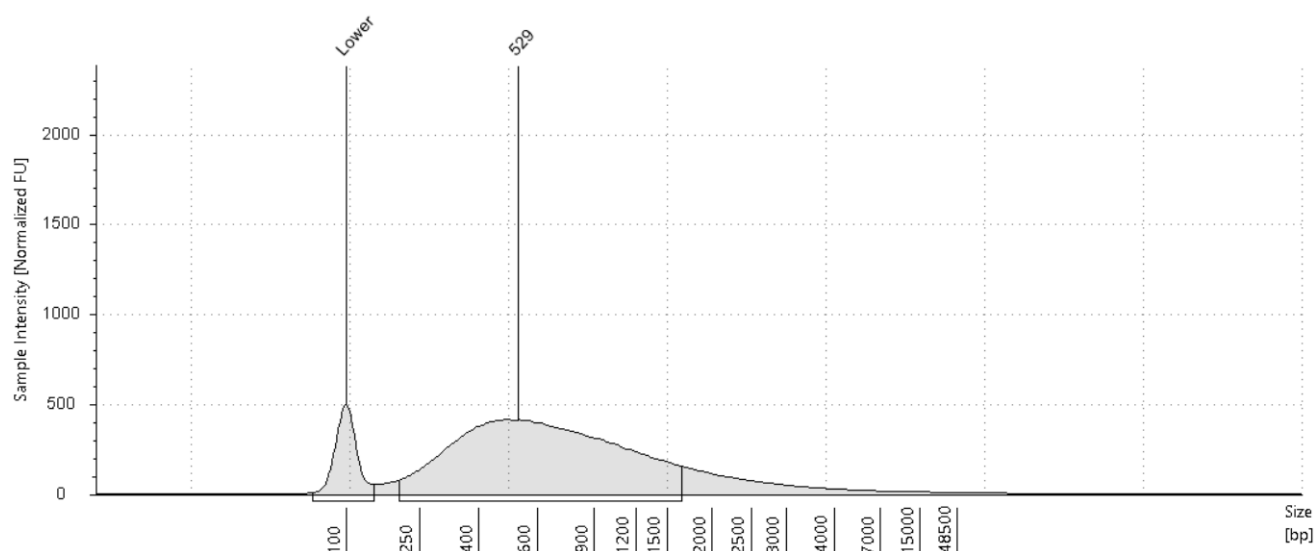
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	137		Lower Marker
1798	91.7	-	99.83	1739	3705		
-	-	-	-	-	-		Sample Well



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	257	418	98.89		Red
300	60000	2084	250	321	96.41		Green

H1: USNM 50368, 1880

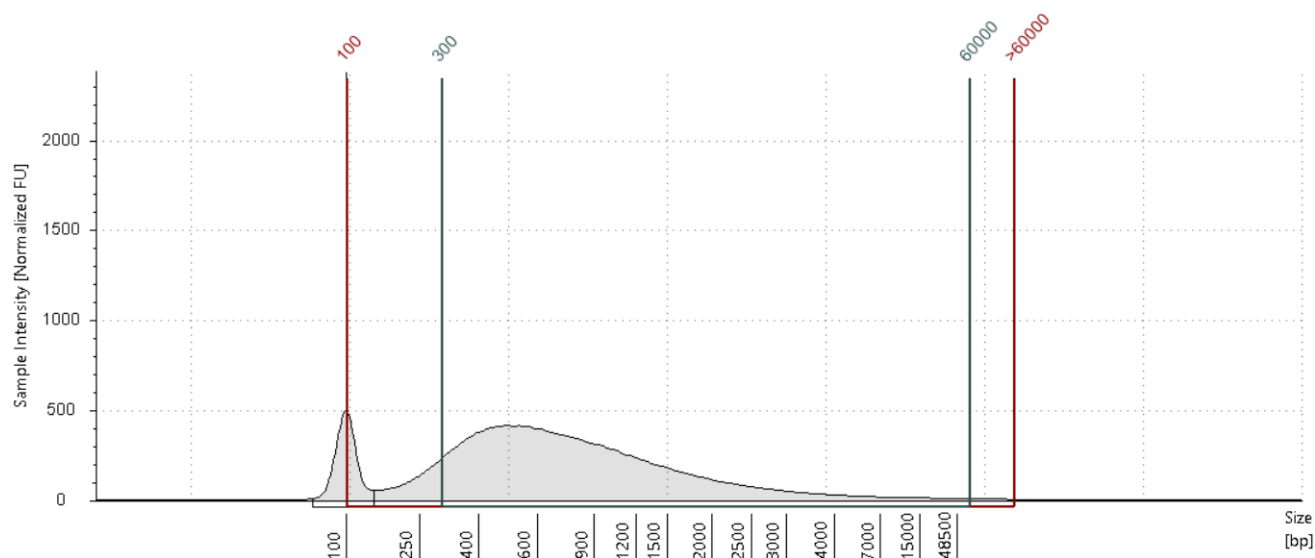


Sample Table

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

Peak Table

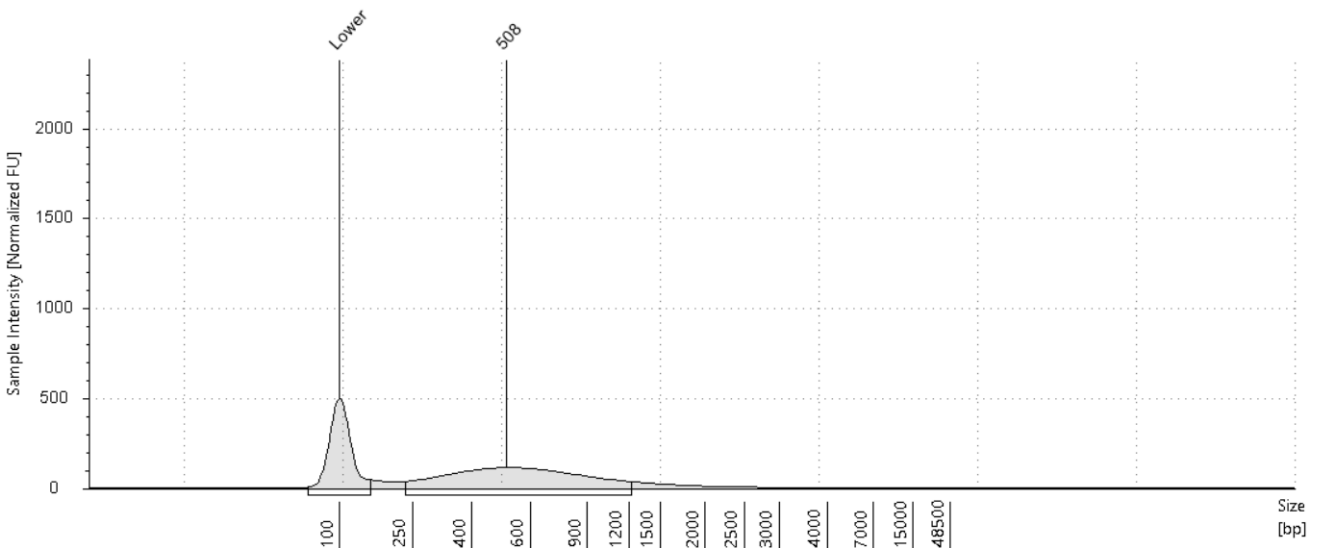
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	142		Lower Marker
529	57.2	-	99.87	194	1656		
-	-	-	-	-	-		Sample Well



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	67.9	243	99.47		Red
300	60000	1275	62.4	143	91.41		Blue

A2: USNM 51727, 1960

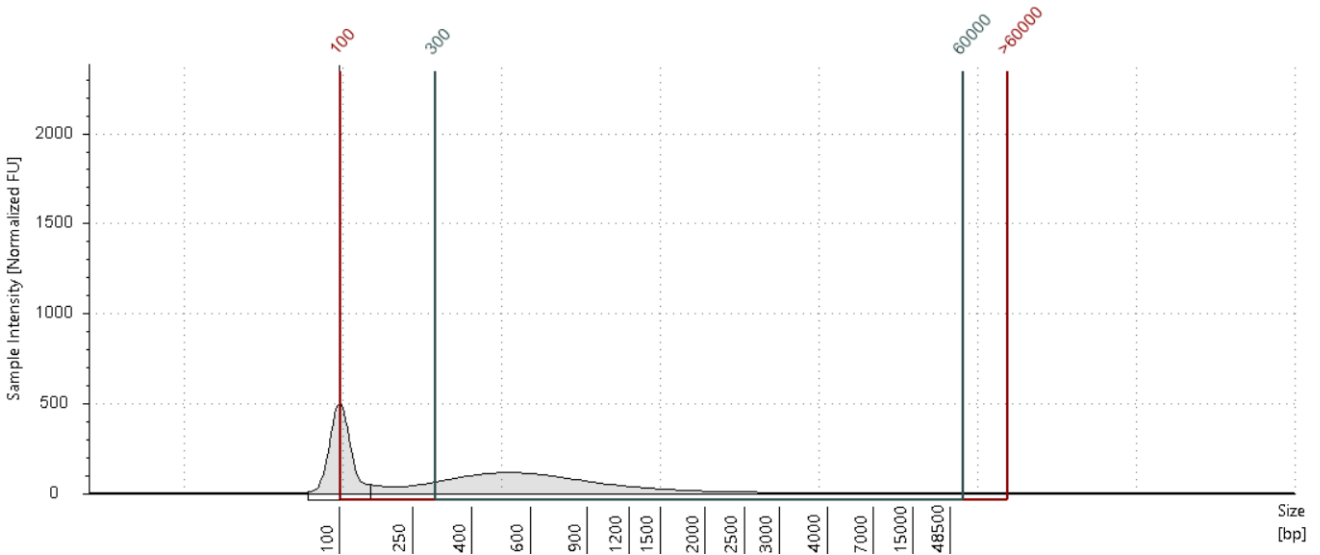


Sample Table

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

Peak Table

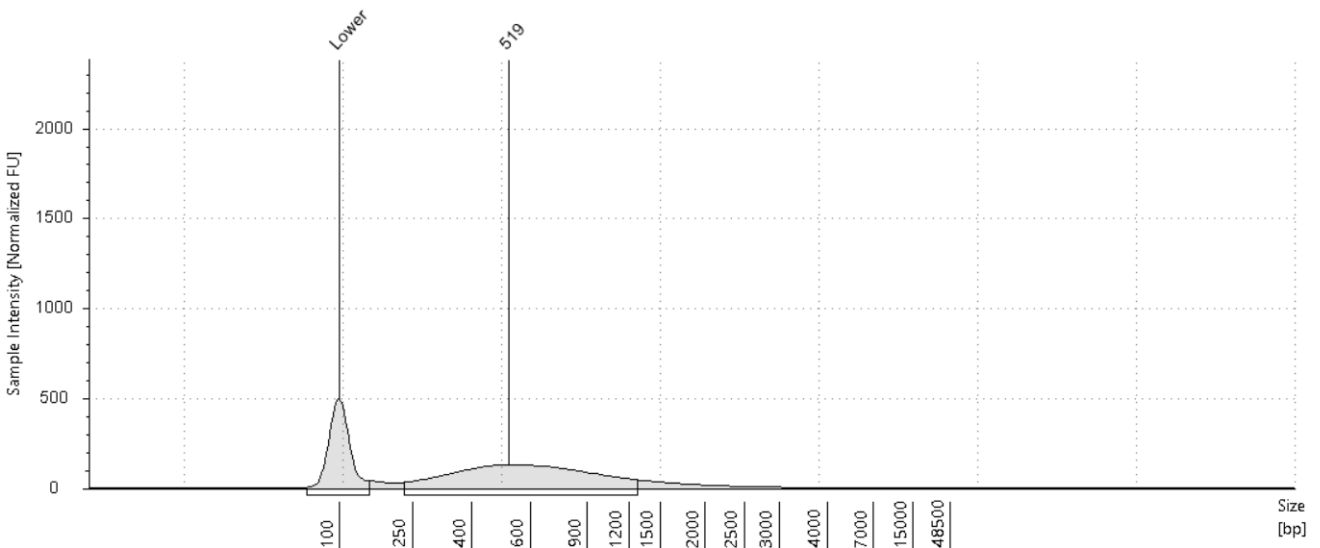
Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	149		Lower Marker
508	12.6	-	100.00	229	1229		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/ul]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	15.2	116	99.05		Red
300	60000	999	13.3	34.7	87.00		Green

B2: USNM 51729, 1960

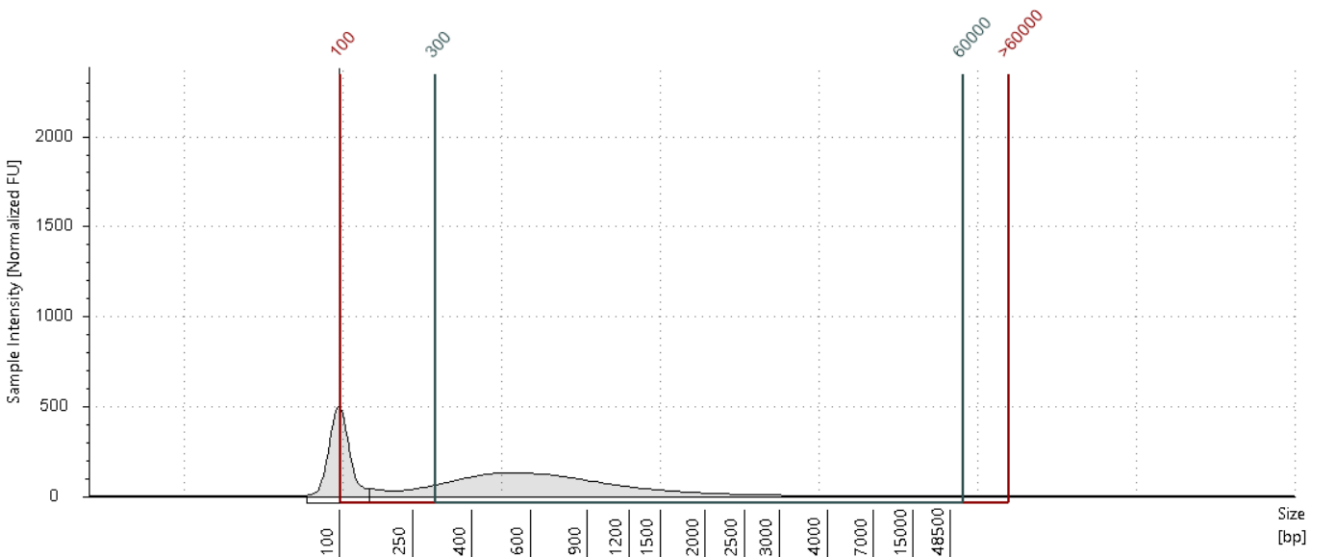


Sample Table

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

Peak Table

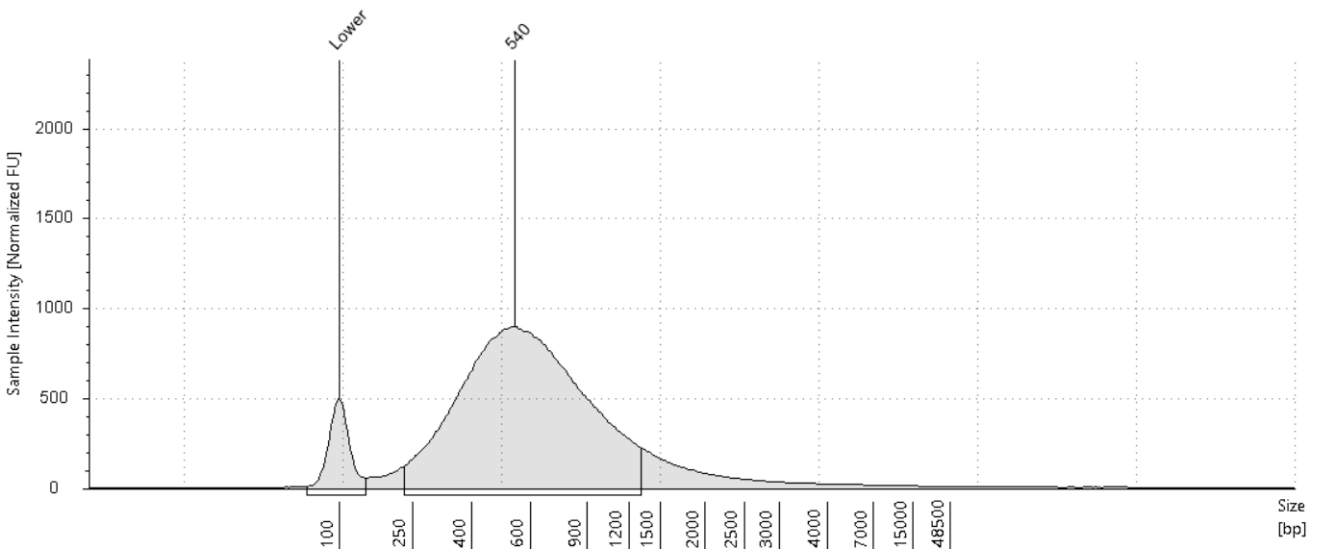
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	146		Lower Marker
519	15.4	-	100.00	224	1277		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	18.6	110	99.08		Red
300	60000	979	16.7	41.4	89.13		Blue

C2: USNM 51857, 1960

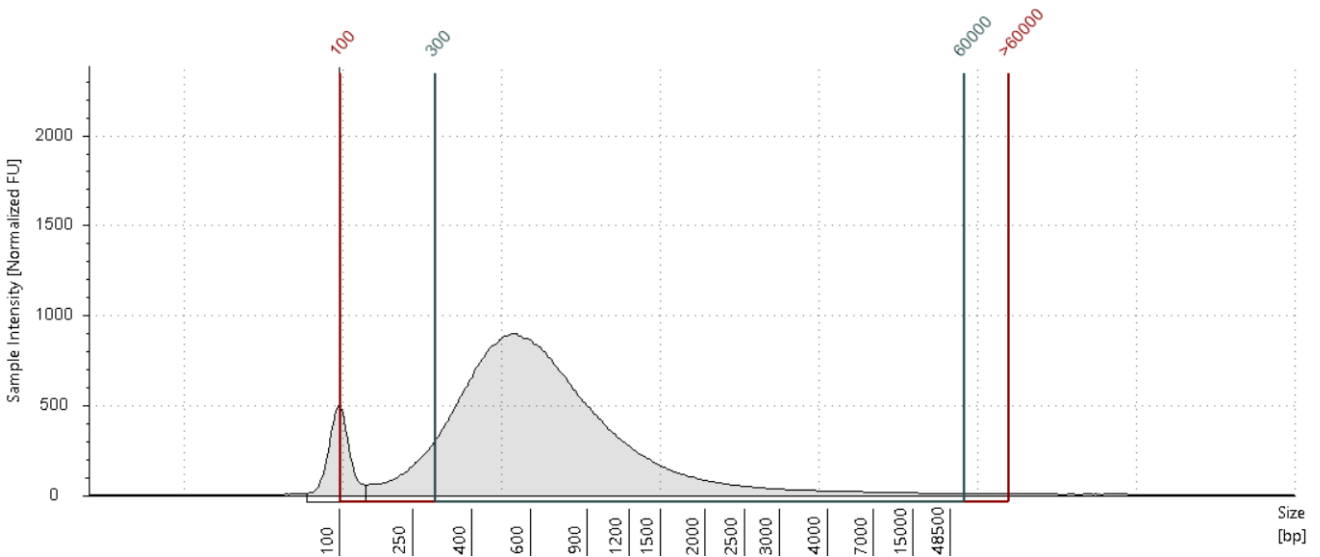


Sample Table

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

Peak Table

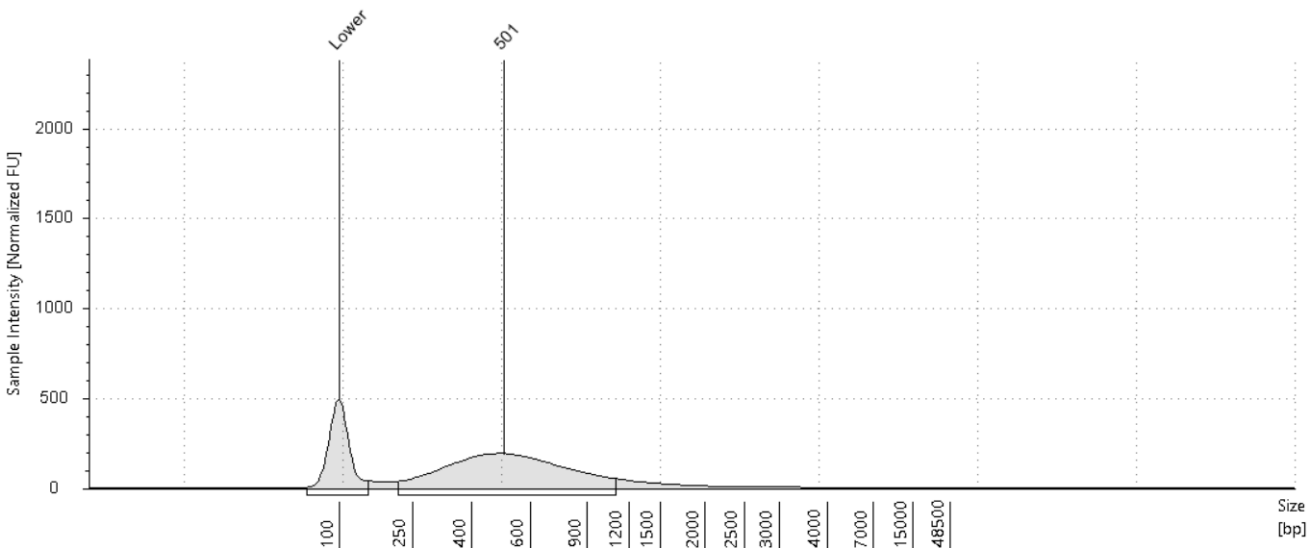
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	139		Lower Marker
540	94.7	-	100.00	225	1310		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	108	365	99.19		
300	60000	988	101	256	92.78		

D2: USNM 51858, 1960

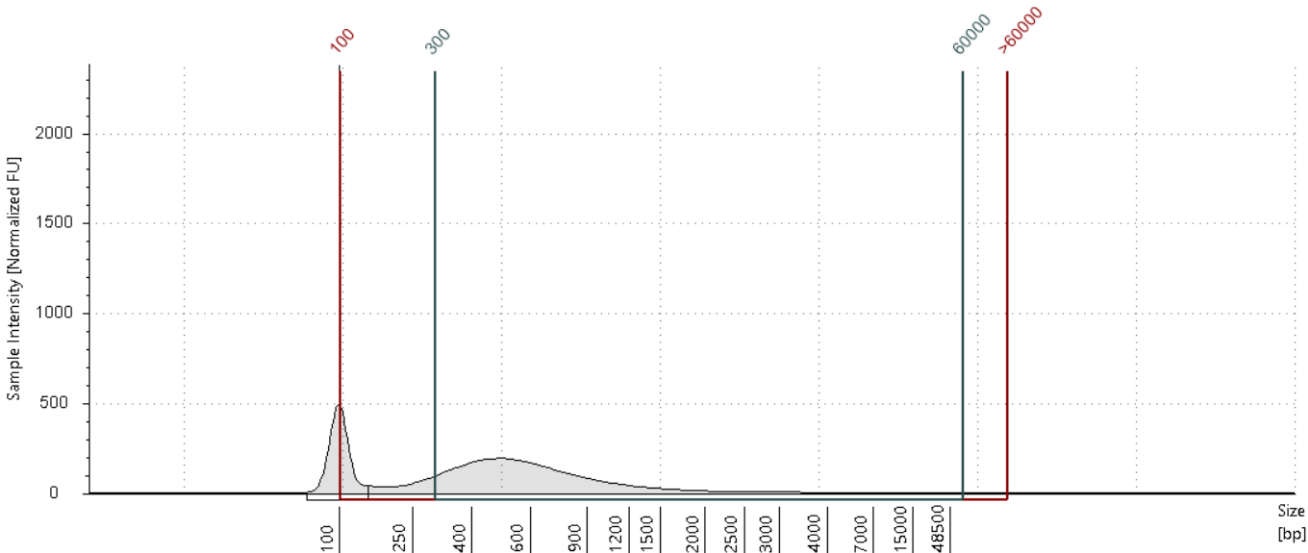


Sample Table

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

Peak Table

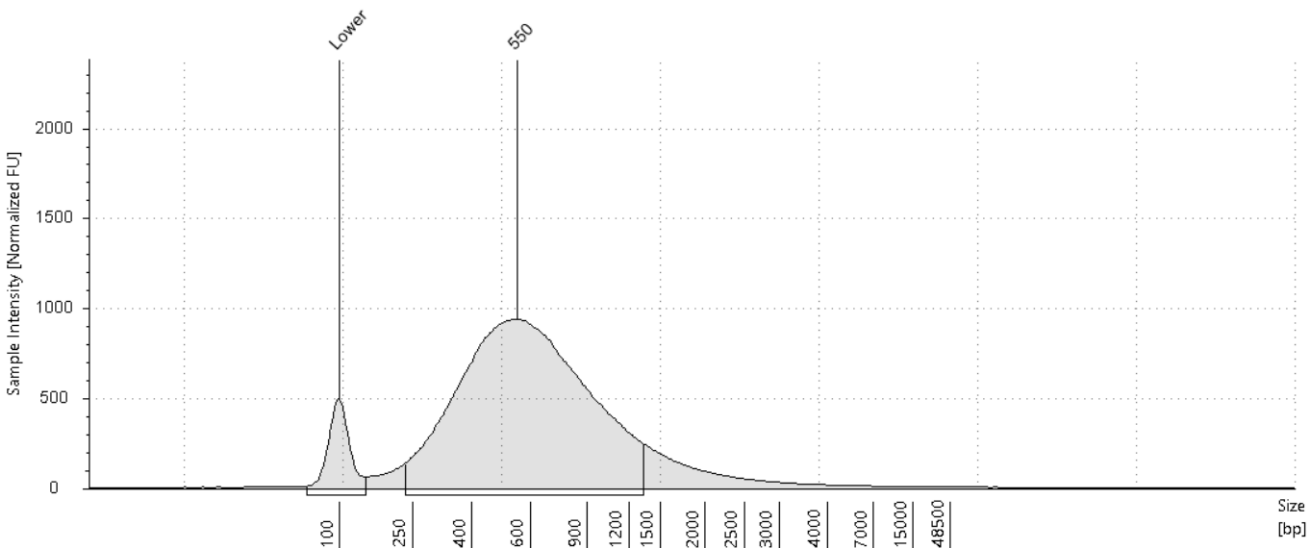
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	144		Lower Marker
501	20.2	-	100.00	211	1100		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	24.0	140	98.97		
300	60000	1046	21.4	58.3	88.44		

E2: USNM 51859, 1960

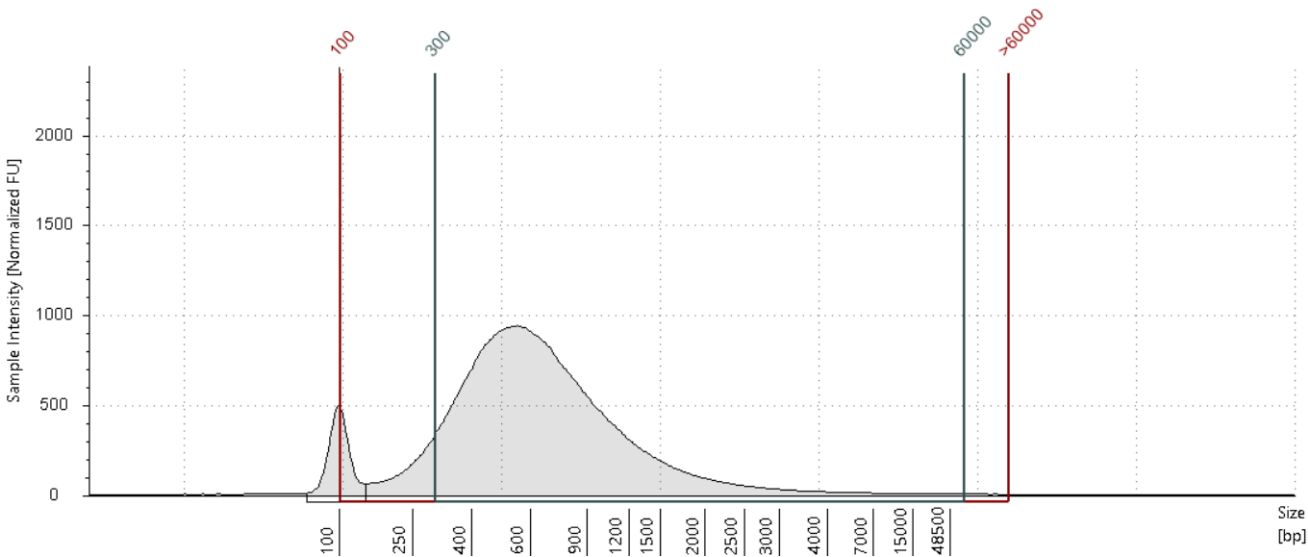


Sample Table

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

Peak Table

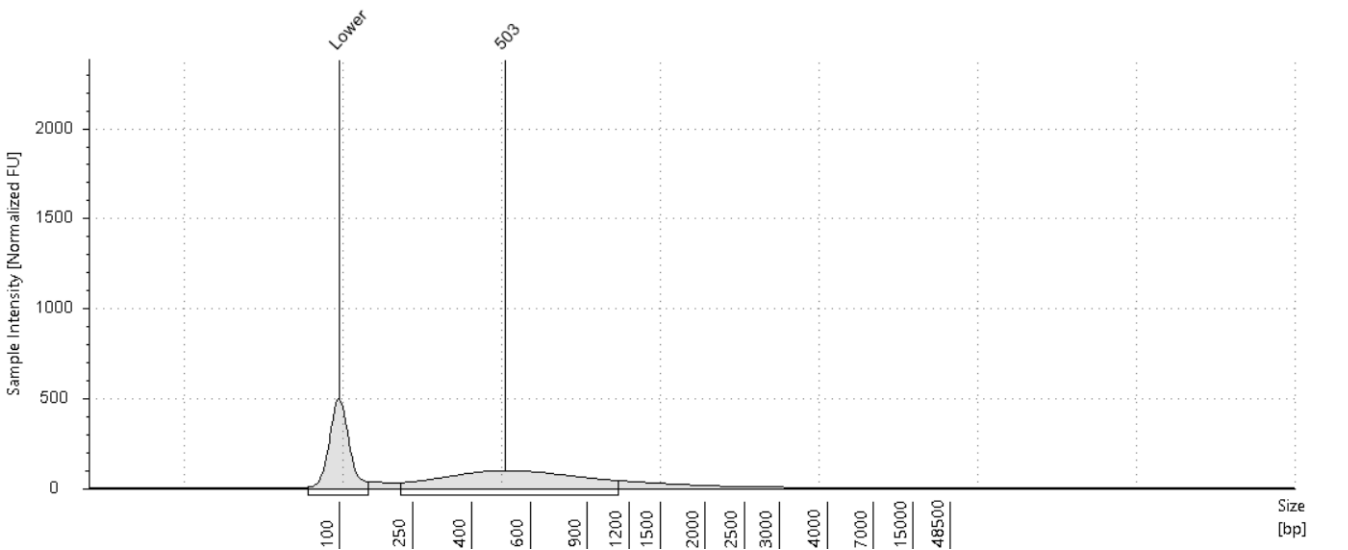
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	66	139		Lower Marker
550	101	-	100.00	229	1334		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	115	381	98.77		
300	60000	922	108	270	92.29		

F2: USNM 51860, 1960

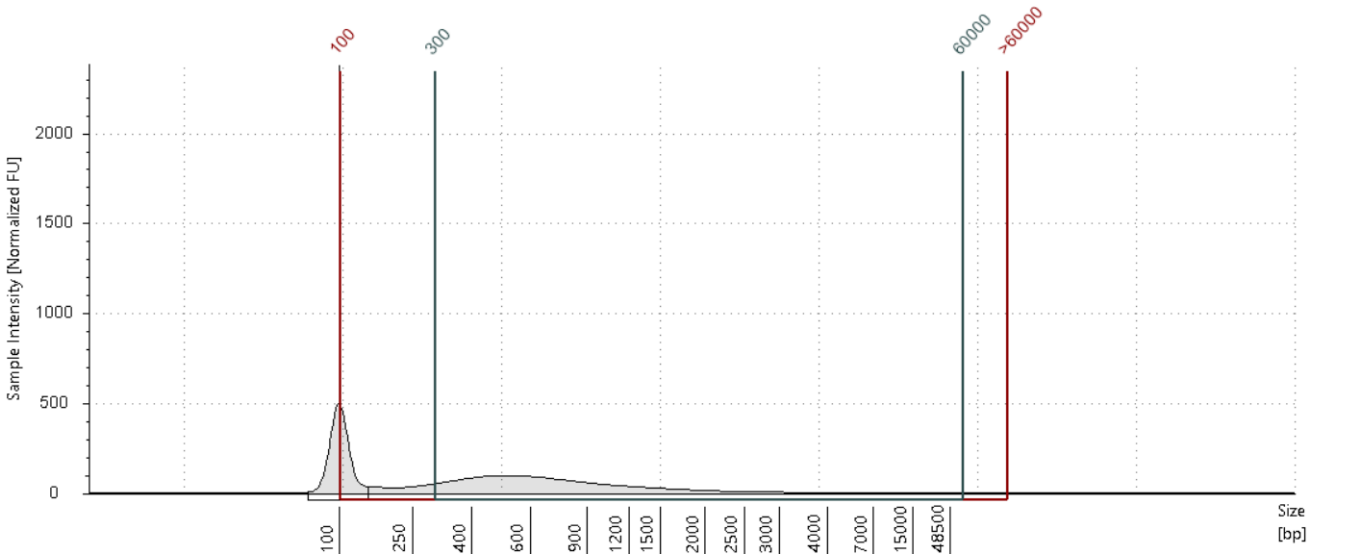


Sample Table

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

Peak Table

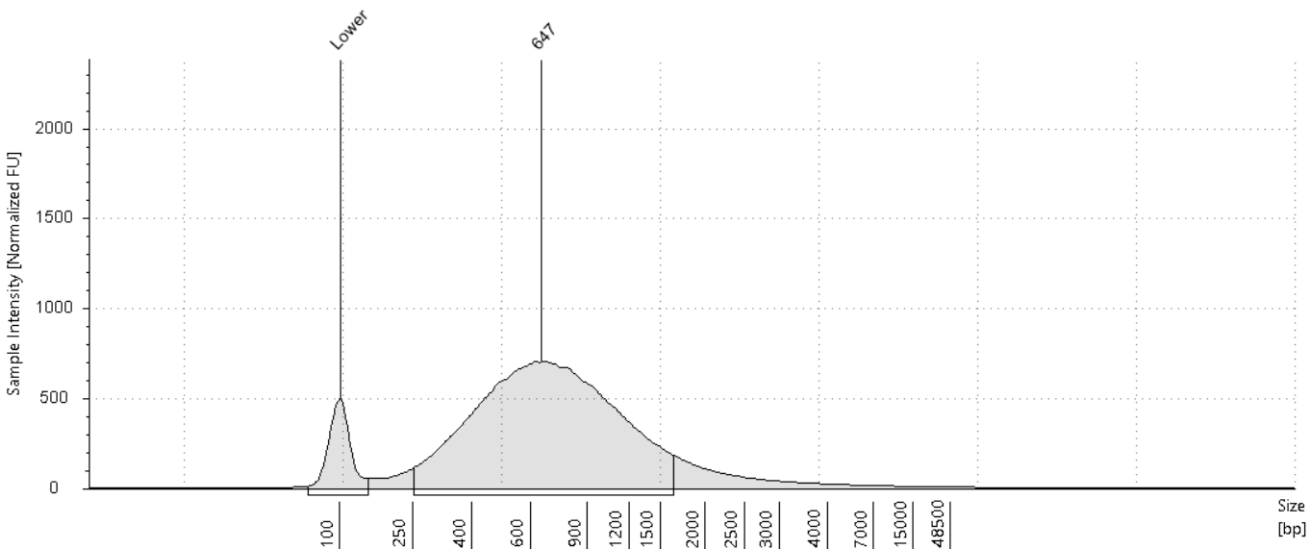
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	67	144		Lower Marker
503	11.7	-	100.00	218	1121		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	15.3	111	98.03		
300	60000	1067	13.4	33.1	86.26		

G2: USNM 51861, 1960

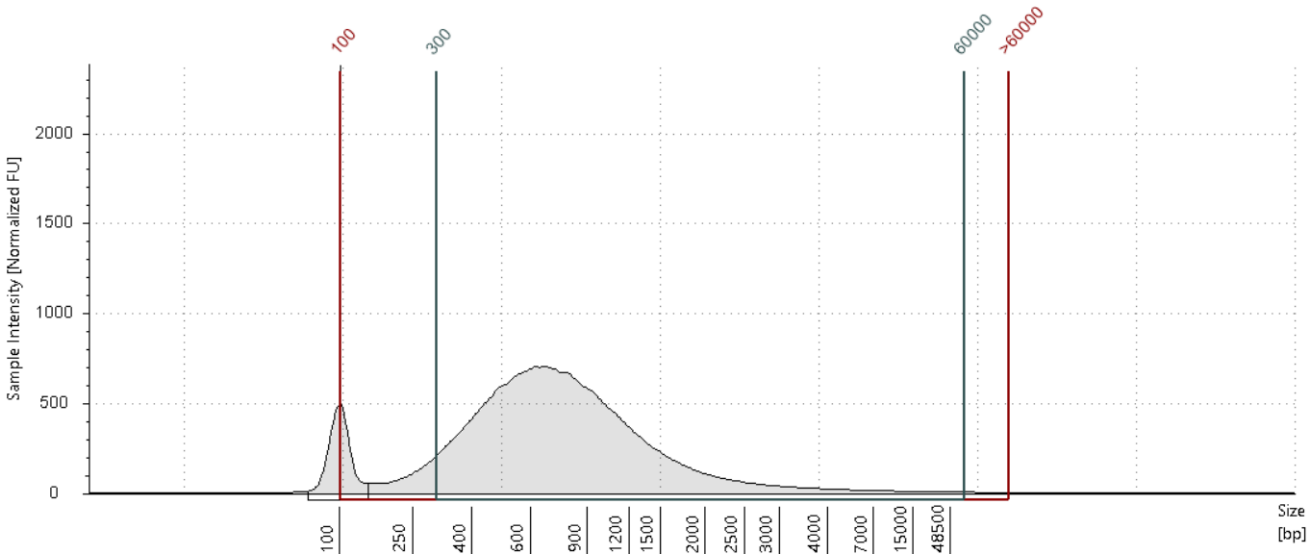


Sample Table

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

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	-	66	142		Lower Marker
647	82.7	-	100.00	252	1625		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/ul]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	93.7	287	99.52		
300	60000	1067	89.1	201	94.60		