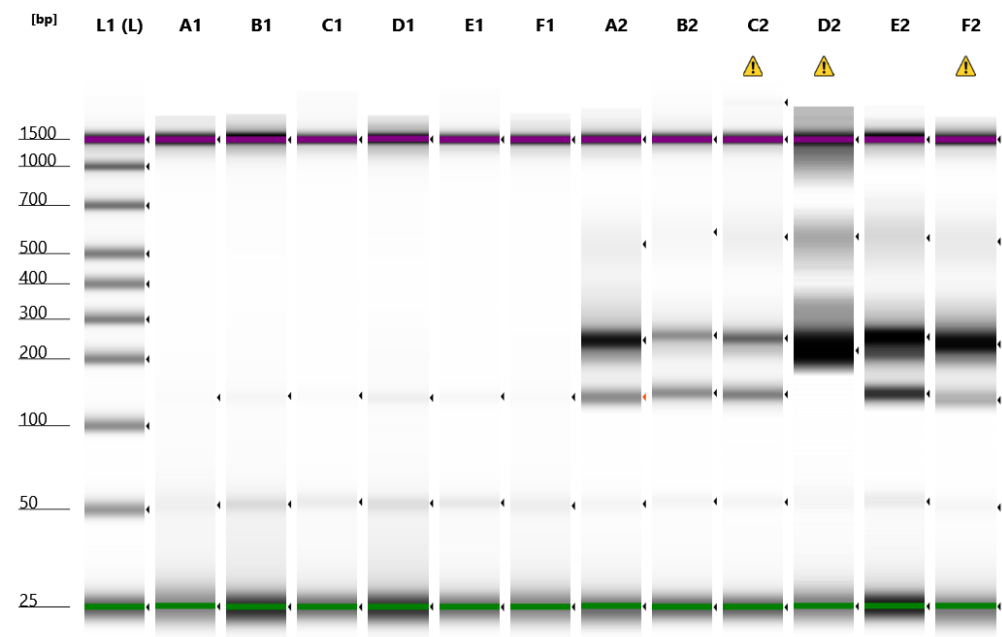# Filename: NGS5110 FRP Lib QC - 2024-02-01 - 16.25.39.D1000


Default image (Contrast 100%)

Sample Info

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
L1	19.7	Ladder		Ladder
A1	0.670	Digitonin 10m Padlock pellet		
B1	0.874	Digitonin 15m Padlock pellet		
C1	0.590	Digitonin 20m Padlock pellet		
D1	0.946	Digitonin 10m Linear pellet		
E1	0.687	Digitonin 15m Linear pellet		
F1	0.685	Digitonin 20m Linear pellet		
A2	15.9	Digitonin 10m Padlock sup		
B2	6.79	Digitonin 15m Padlock sup		
C2	9.82	Digitonin 20m Padlock sup	⚠	Peak out of Sizing Range
D2	14.9	Digitonin 10m Linear sup	⚠	Markers outside standard running position
E2	22.6	Digitonin 15m Linear sup		
F2	17.4	Digitonin 20m Linear sup	⚠	Markers outside standard running position

L1: Ladder
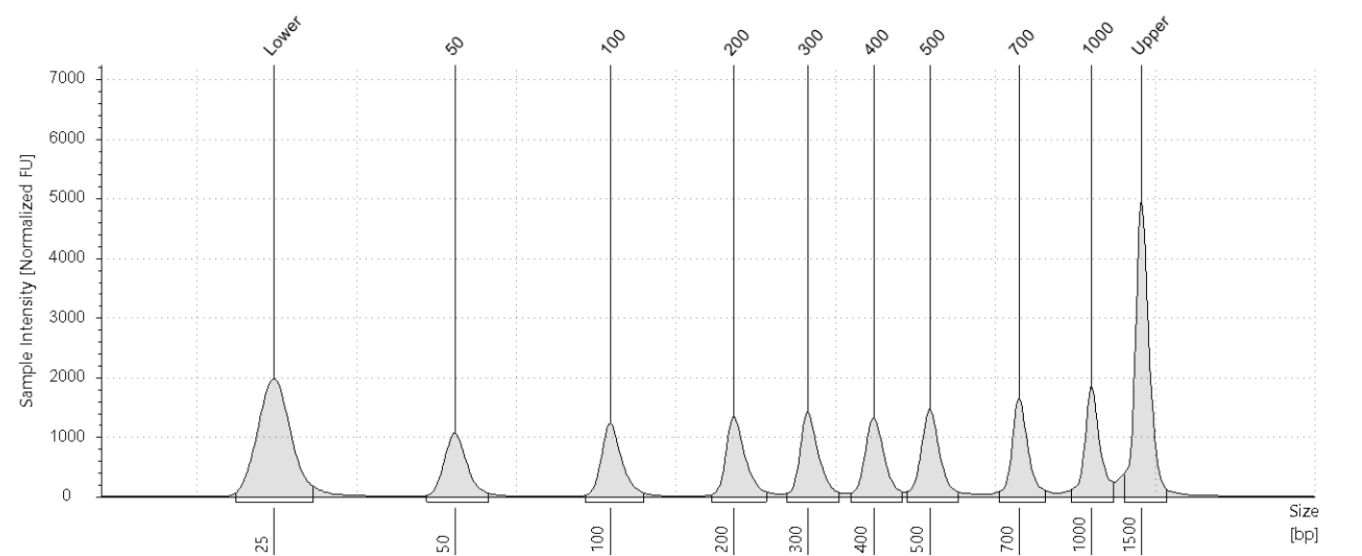
Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
L1	19.7	Ladder		Ladder

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.17	-	380	-		Lower Marker
50	2.31	-	71.1	11.72		
100	2.39	-	36.8	12.13		
200	2.46	-	18.9	12.46		
300	2.47	-	12.7	12.56		
400	2.41	-	9.27	12.24		
500	2.56	-	7.89	13.01		
700	2.48	-	5.45	12.58		
1000	2.62	-	4.03	13.29		
1500	6.50	6.50	6.67	-		Upper Marker

A1: Digitonin 10m Padlock pellet
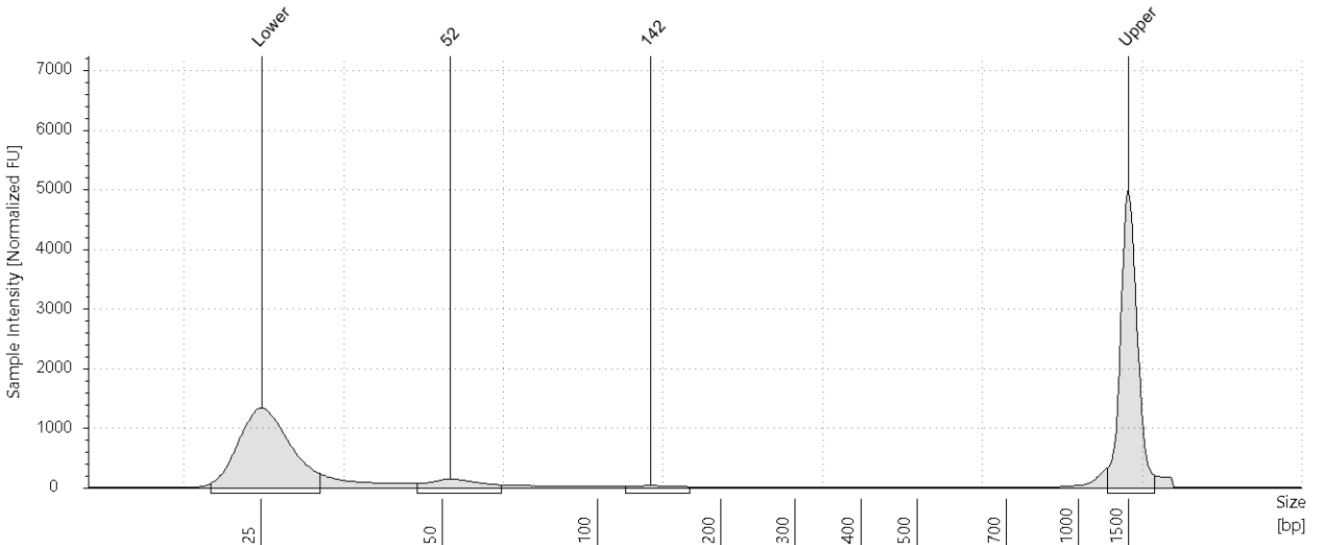
Sample Table

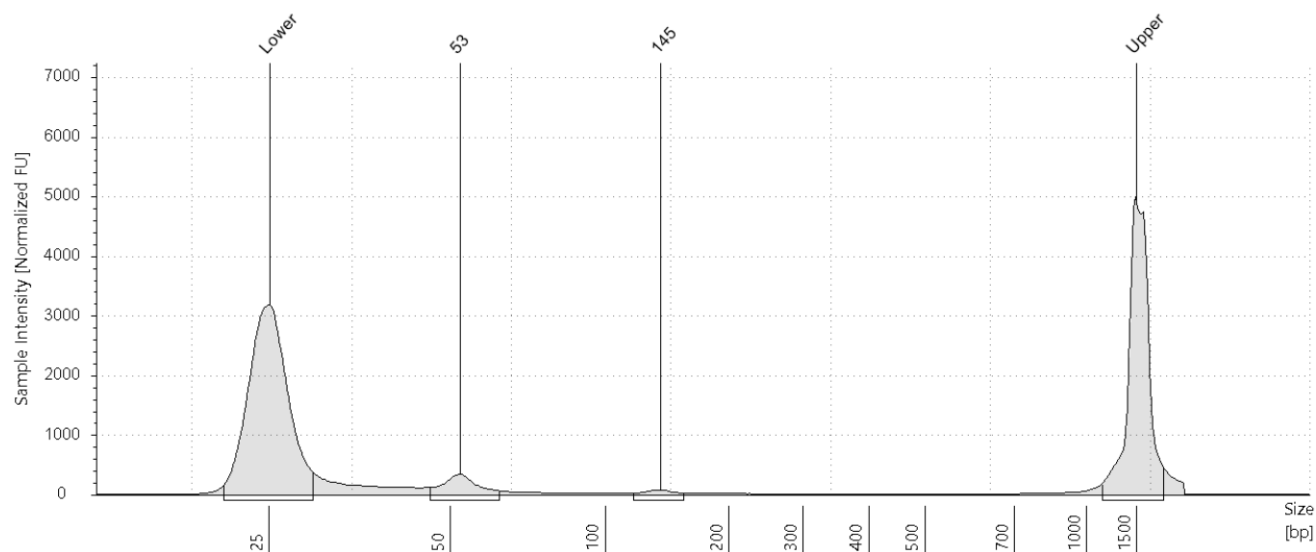| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	0.670	Digitonin 10m Padlock pellet		

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.41	-	333	-		Lower Marker
52	0.560	-	16.5	83.64		
142	0.110	-	1.19	16.36		
1500	6.50	6.50	6.67	-		Upper Marker
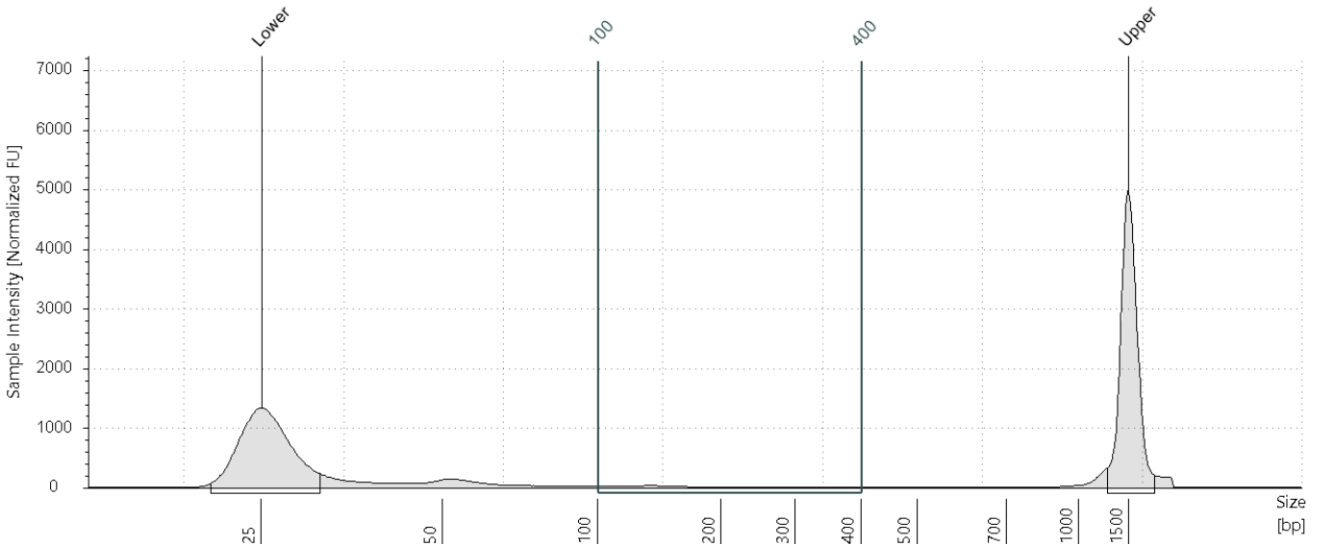
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	171	0.214	2.17	9.44		■

B1: Digitonin 15m Padlock pellet

Sample Table

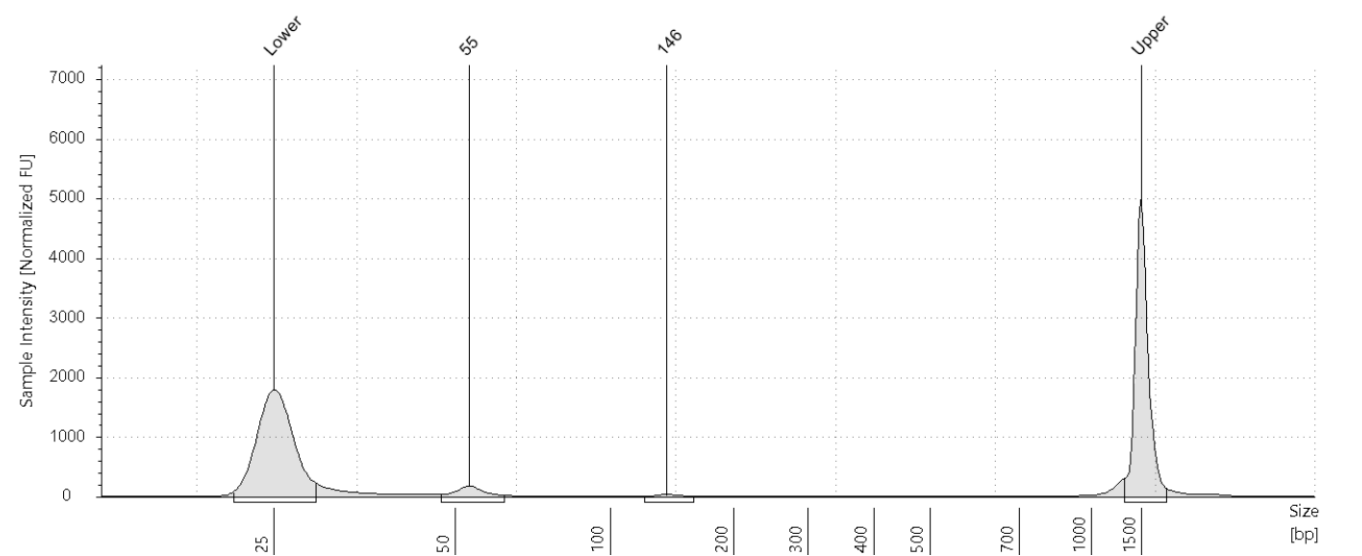| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	0.874	Digitonin 15m Padlock pellet		

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	8.14	-	501	-		Lower Marker
53	0.733	-	21.3	83.87		
145	0.141	-	1.50	16.13		
1500	6.50	6.50	6.67	-		Upper Marker
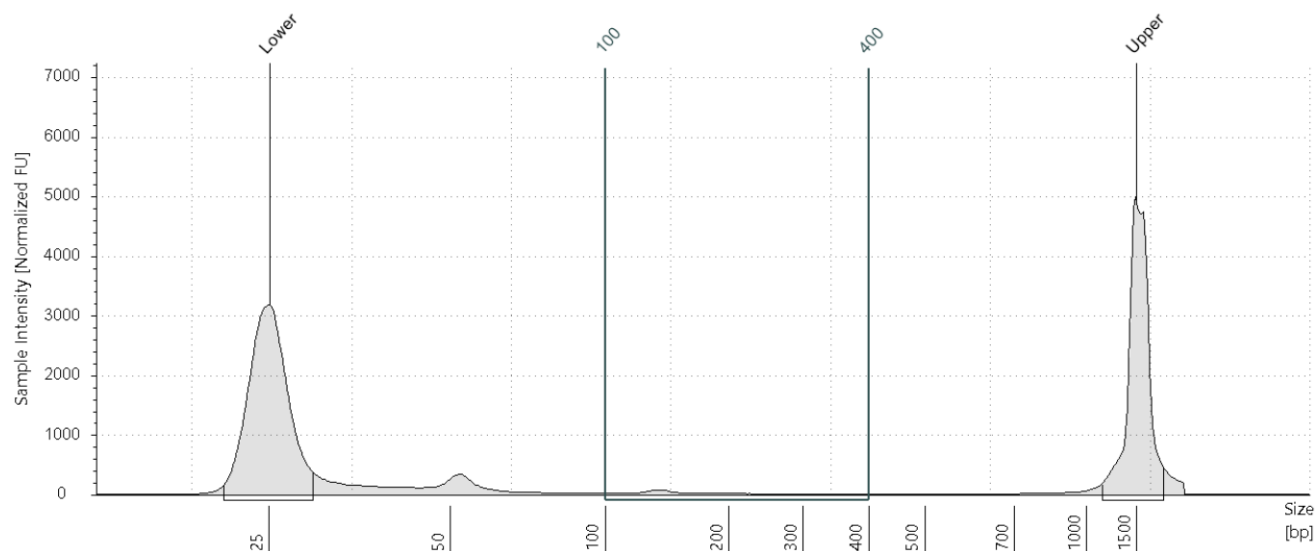
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	175	0.289	2.90	9.64		■

C1: Digitonin 20m Padlock pellet

Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	0.590	Digitonin 20m Padlock pellet		

Peak Table

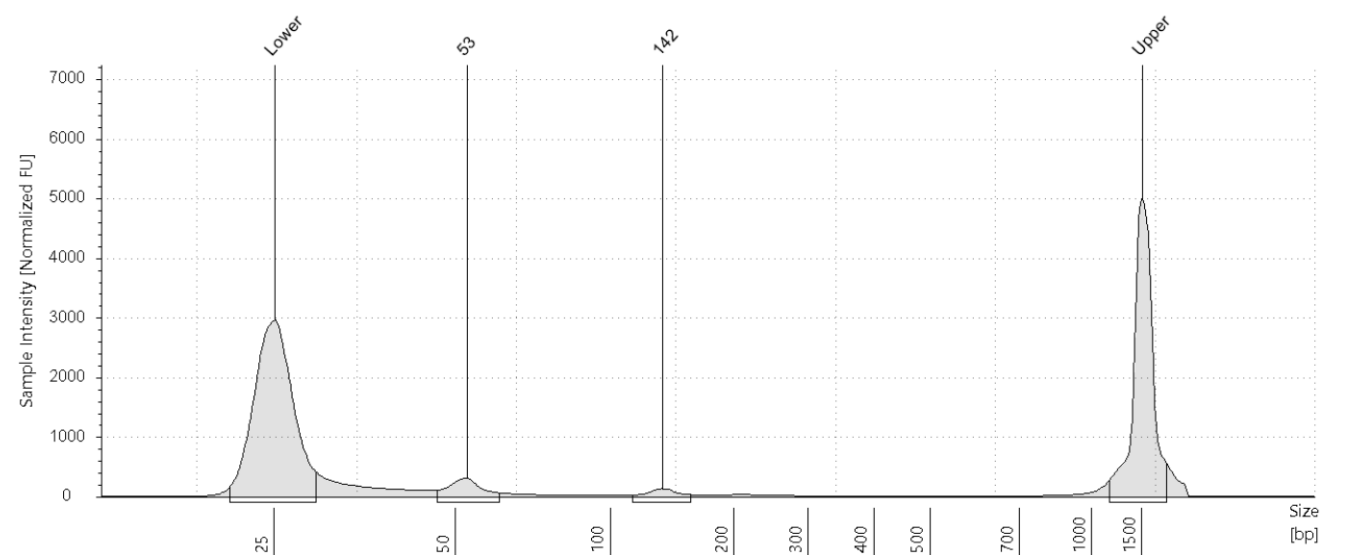| Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.69	-	412	-		Lower Marker
55	0.499	-	14.1	84.63		
146	0.0906	-	0.958	15.37		
1500	6.50	6.50	6.67	-		Upper Marker
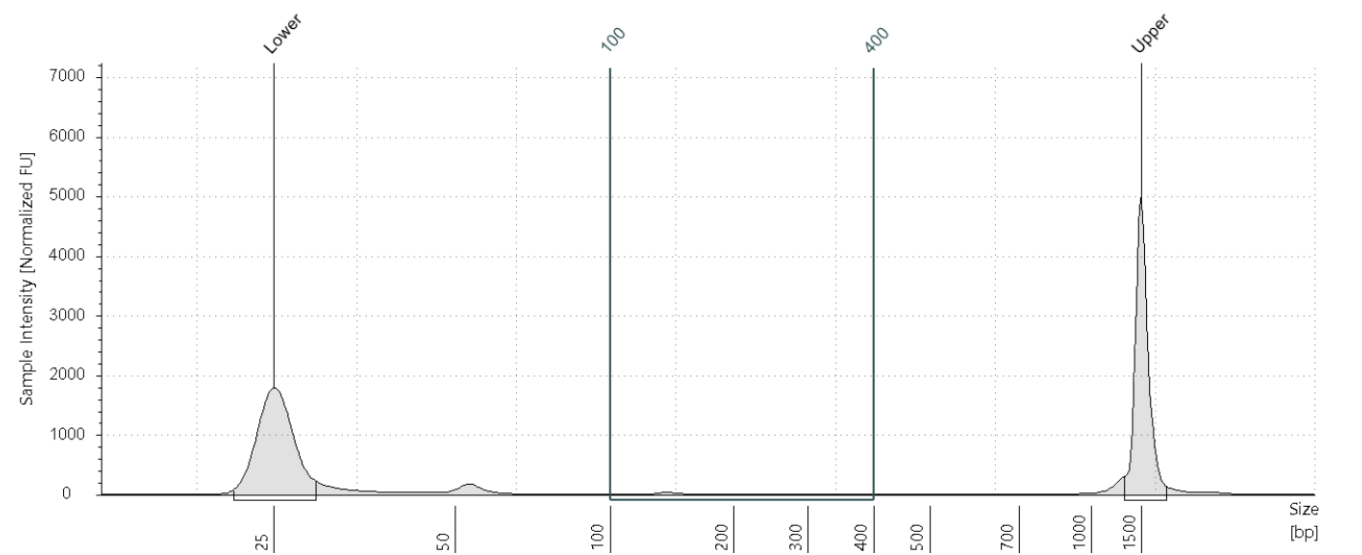
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	156	0.138	1.47	6.18		■

D1: Digitonin 10m Linear pellet

Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	0.946	Digitonin 10m Linear pellet		

Peak Table

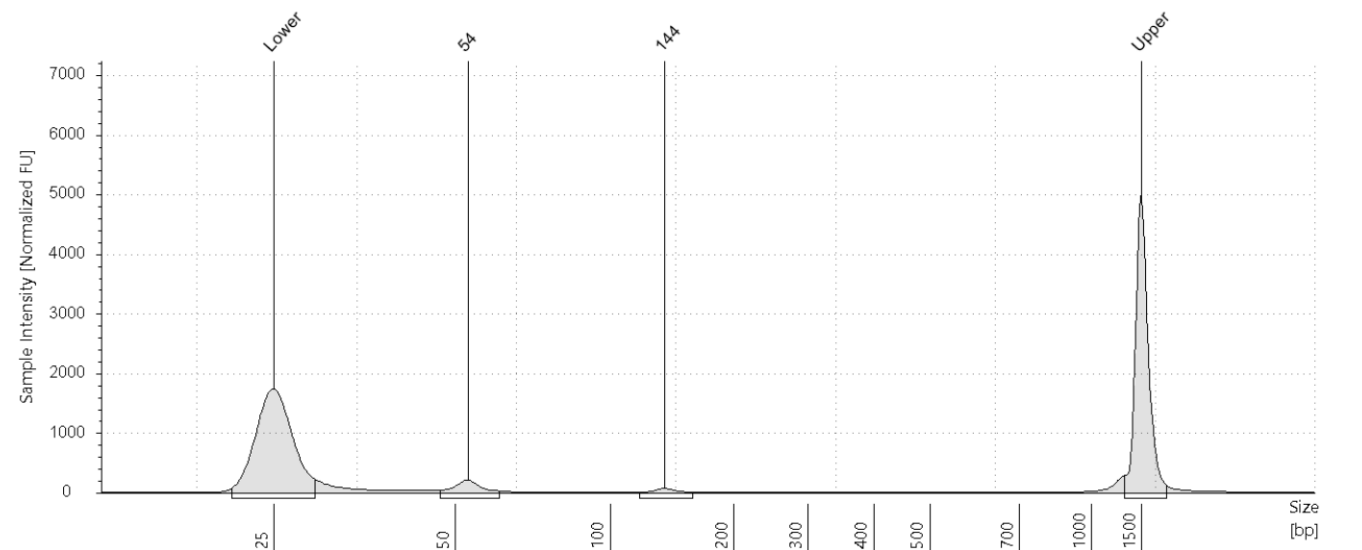| Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	8.10	-	498	-		Lower Marker
53	0.682	-	19.6	72.13		
142	0.264	-	2.86	27.87		
1500	6.50	6.50	6.67	-		Upper Marker
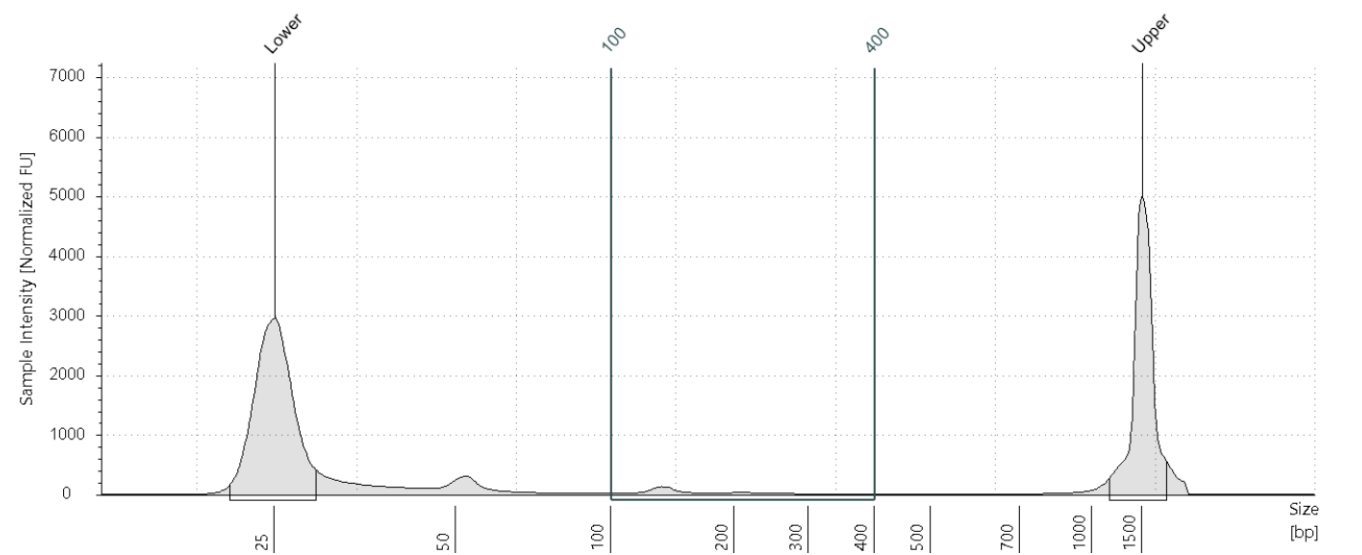
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	174	0.481	4.73	13.91		■

E1: Digitonin 15m Linear pellet

Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
E1	0.687	Digitonin 15m Linear pellet		

Peak Table

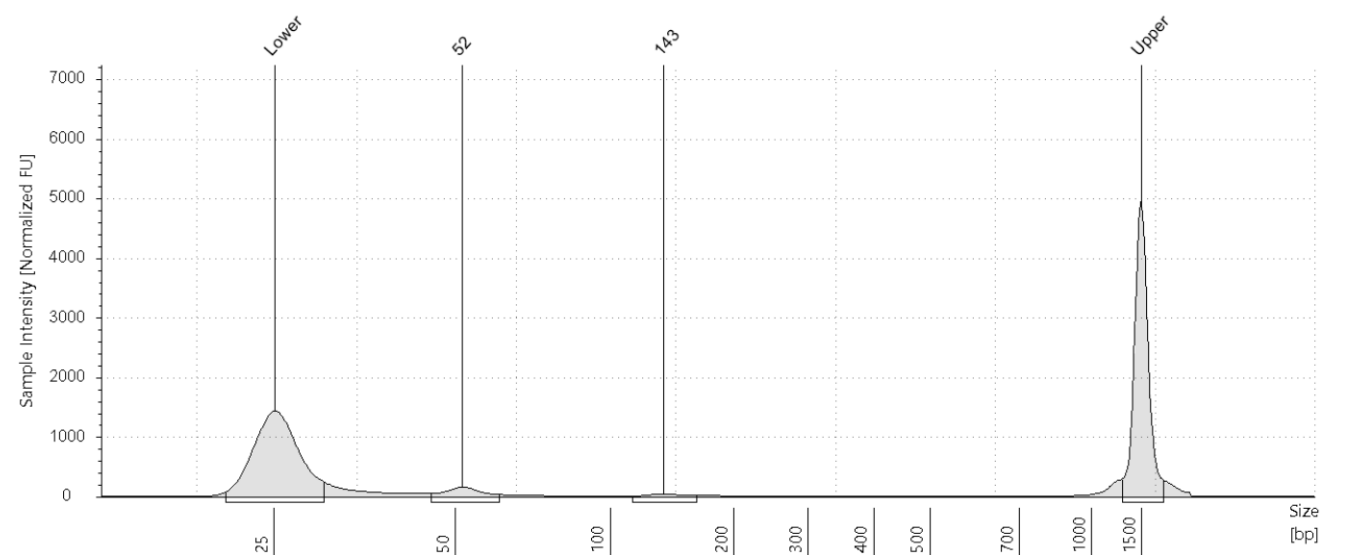| Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.55	-	403	-		Lower Marker
54	0.534	-	15.2	77.65		
144	0.154	-	1.64	22.35		
1500	6.50	6.50	6.67	-		Upper Marker
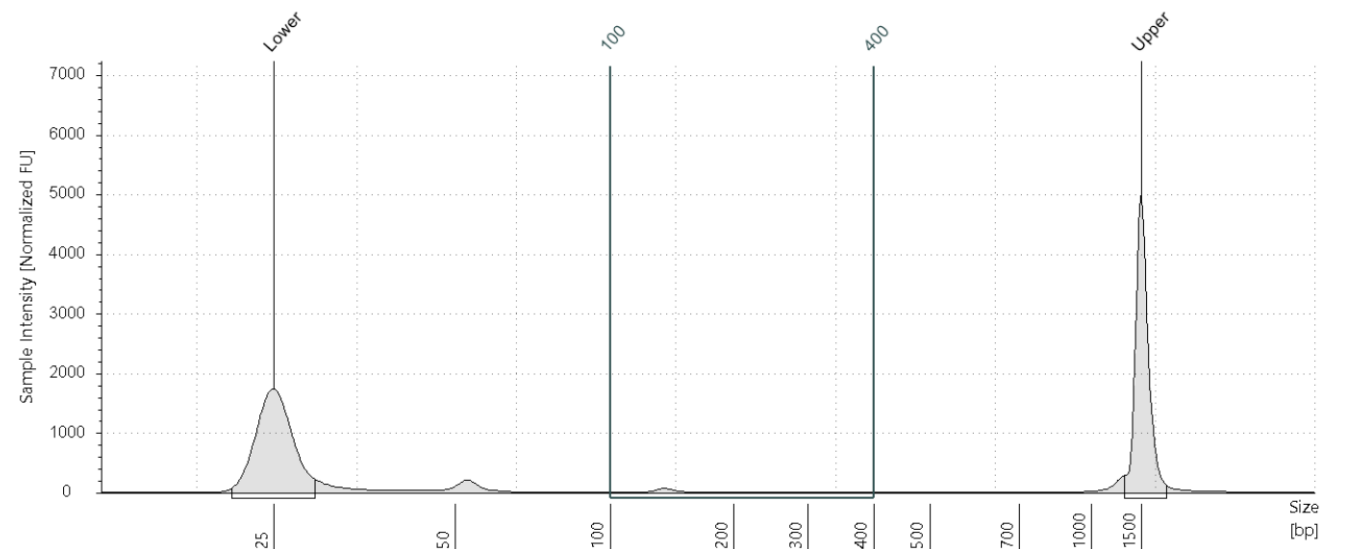
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	154	0.199	2.13	9.33		■

F1: Digitonin 20m Linear pellet

Sample Table

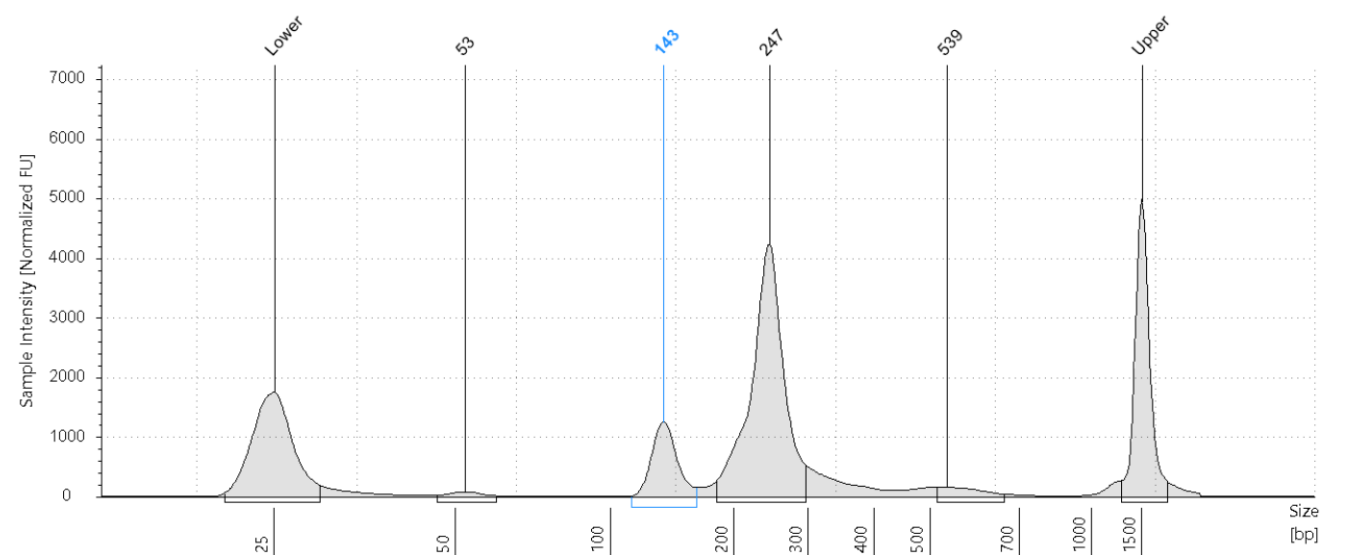| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
F1	0.685	Digitonin 20m Linear pellet		

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.19	-	381	-		Lower Marker
52	0.532	-	15.7	77.56		
143	0.154	-	1.65	22.44		
1500	6.50	6.50	6.67	-		Upper Marker
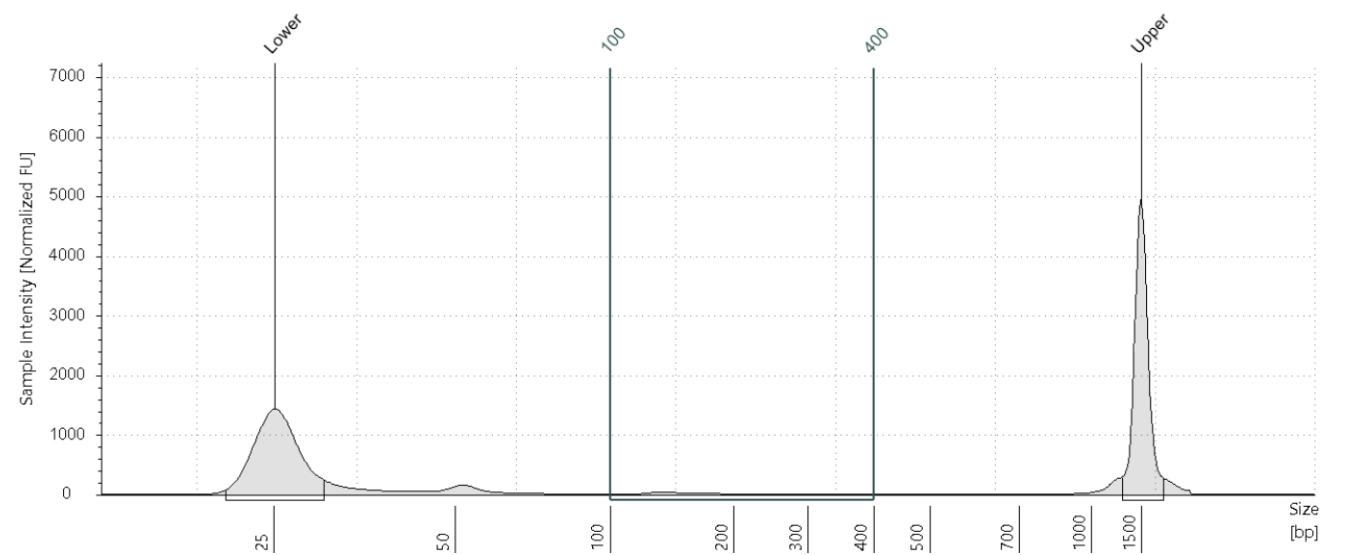
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	177	0.292	2.79	11.00		■

A2: Digitonin 10m Padlock sup

Sample Table

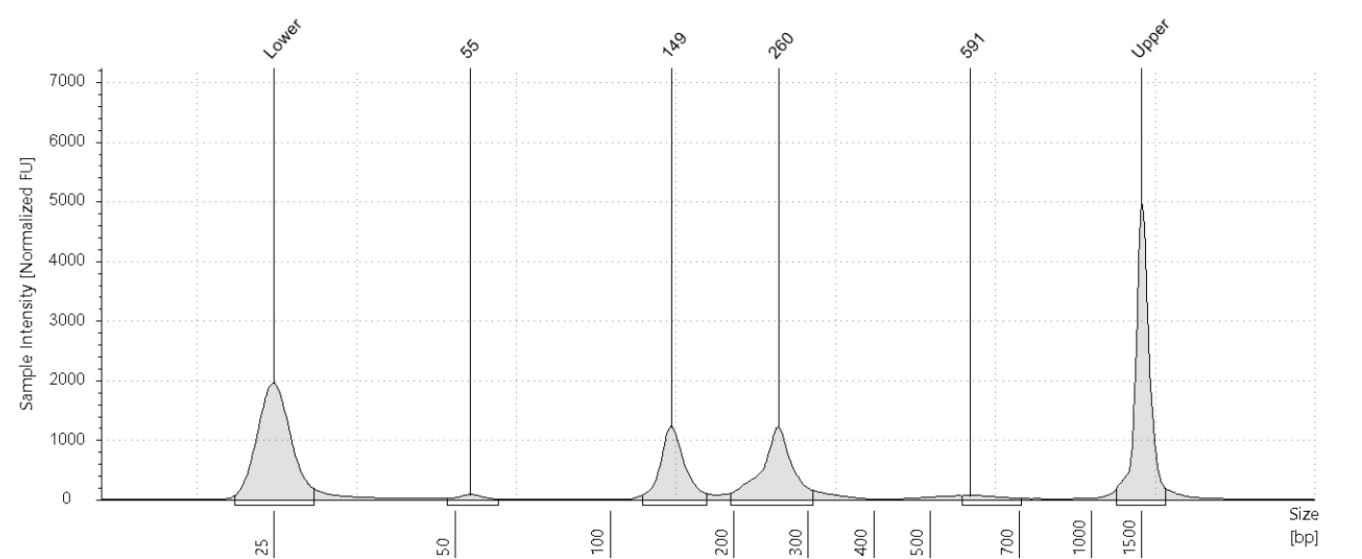| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	15.9	Digitonin 10m Padlock sup		

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.37	-	392	-		Lower Marker
53	0.228	-	6.61	1.44		
143	2.84	-	30.6	17.91		
247	12.2	-	75.9	76.80		
539	0.611	-	1.74	3.85		
1500	6.50	6.50	6.67	-		Upper Marker
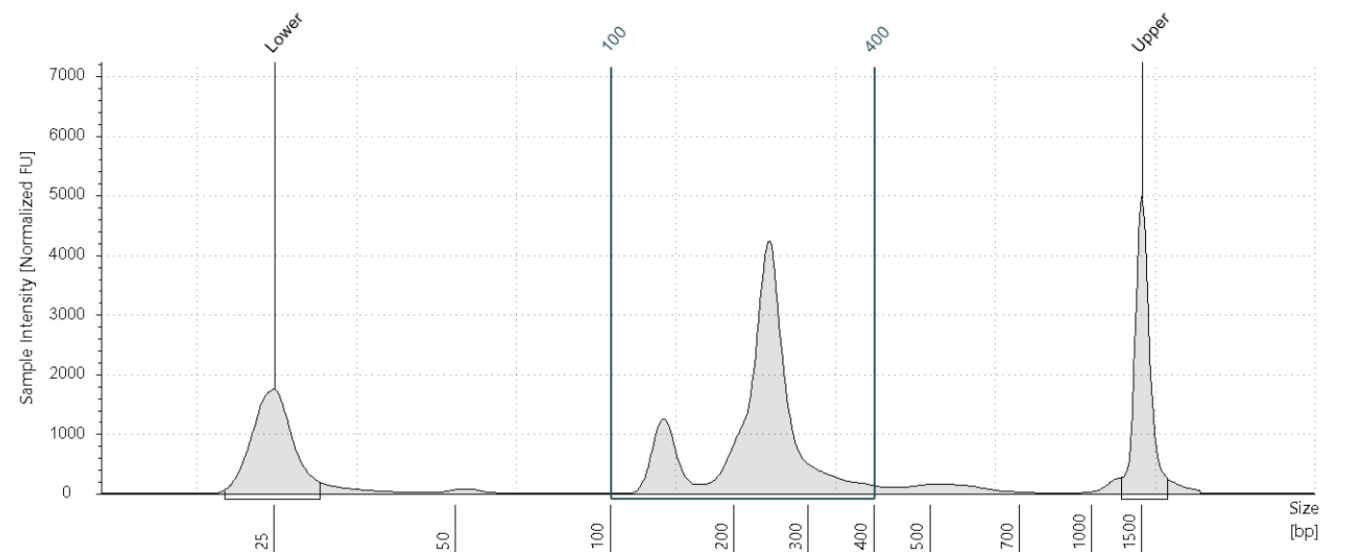
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	233	16.7	117	85.29		■

B2: Digitonin 15m Padlock sup

Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
B2	6.79	Digitonin 15m Padlock sup		

Peak Table

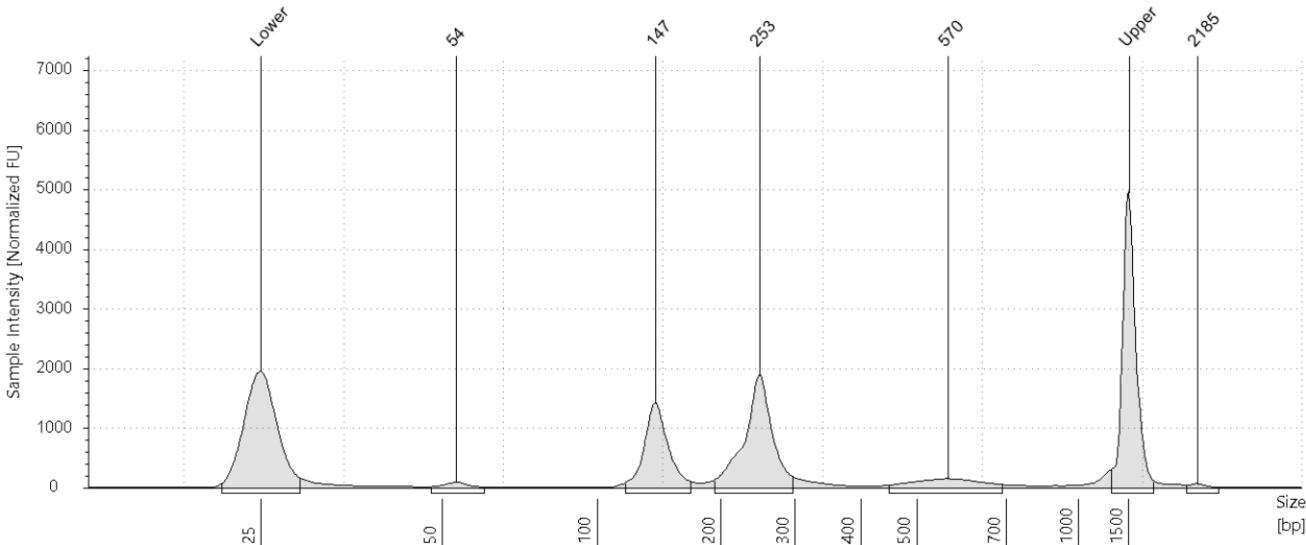| Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.32	-	389	-		Lower Marker
55	0.203	-	5.69	2.99		
149	2.83	-	29.1	41.62		
260	3.51	-	20.8	51.68		
591	0.252	-	0.656	3.71		
1500	6.50	6.50	6.67	-		Upper Marker
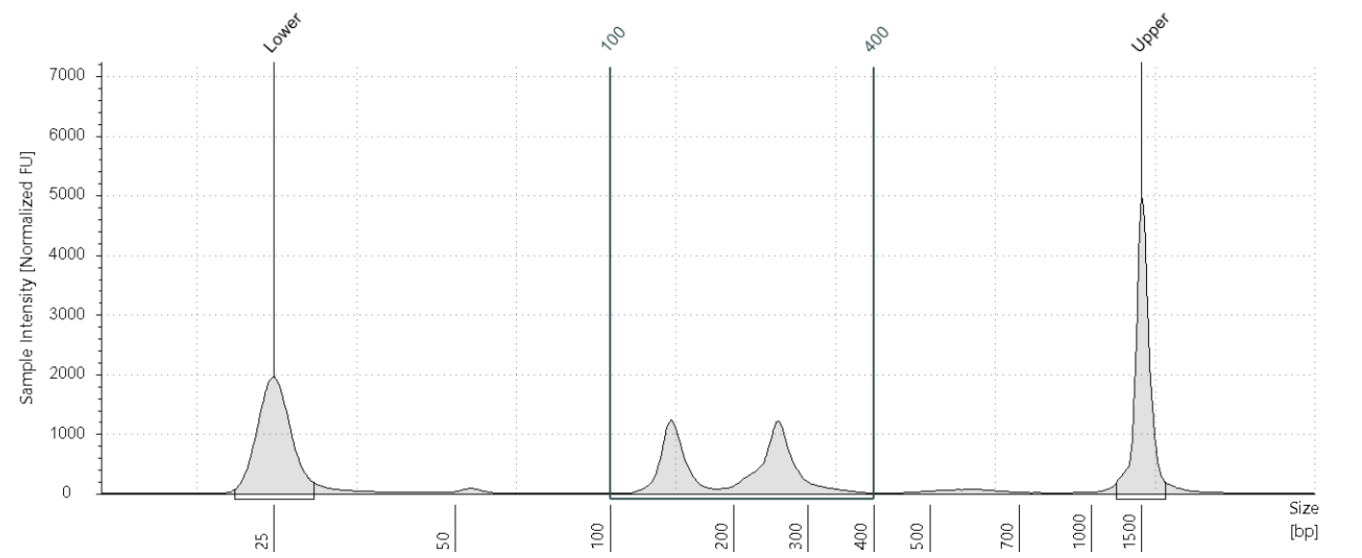
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	214	6.85	53.4	79.90		▪

C2: Digitonin 20m Padlock sup

Sample Table

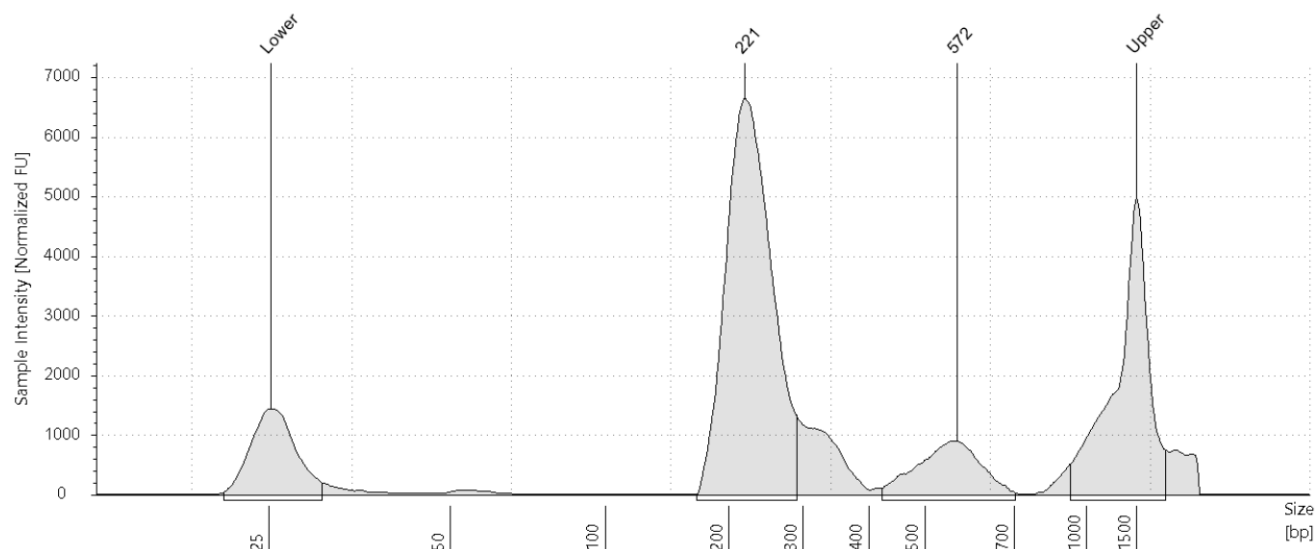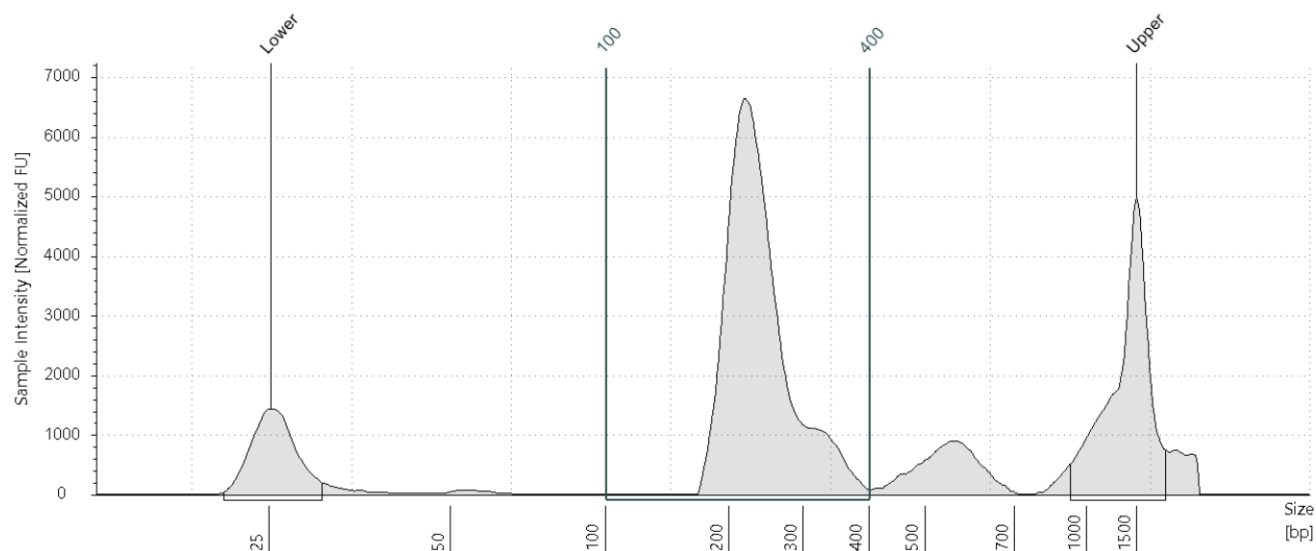| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
C2	9.82	Digitonin 20m Padlock sup	⚠	Peak out of Sizing Range

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.41	-	395	-		Lower Marker
54	0.207	-	5.85	2.11		
147	3.33	-	34.7	33.89		
253	5.18	-	31.6	52.80		
570	0.995	-	2.69	10.14		
1500	6.50	6.50	6.67	-		Upper Marker
2185	0.104	-	0.0733	1.06		Peak outside of Sizing Range
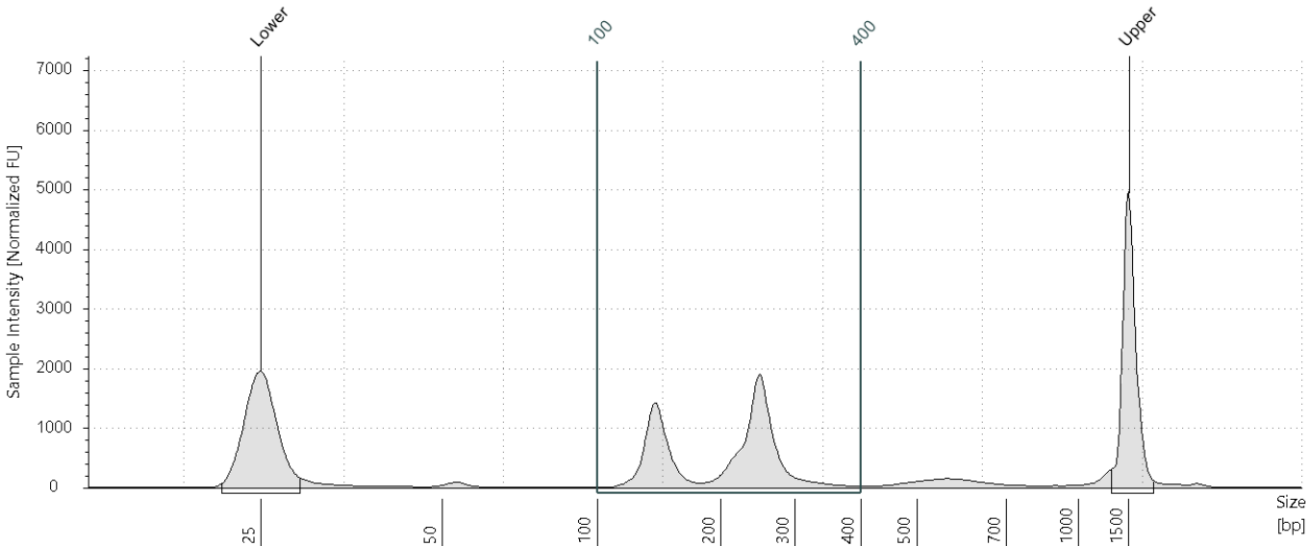
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color

| 100 | 400 | 214 | 9.14 | 70.9 | 78.19 | | ■ |

D2: Digitonin 10m Linear sup

Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
D2	14.9	Digitonin 10m Linear sup	⚠	Markers outside standard running position

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	2.68	-	165	-		edited Lower Marker
221	12.6	-	87.5	84.51		
572	2.30	-	6.19	15.49		
1500	6.50	6.50	6.67	-		Upper Marker

Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	243	14.5	94.9	77.38		▪

E2: Digitonin 15m Linear sup
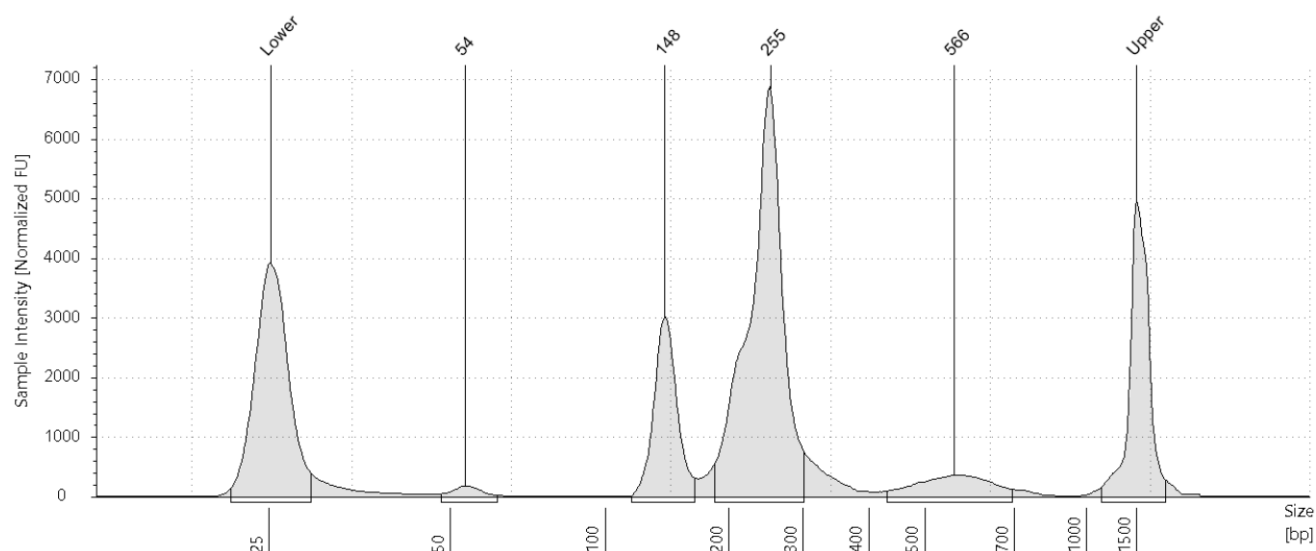
Sample Table

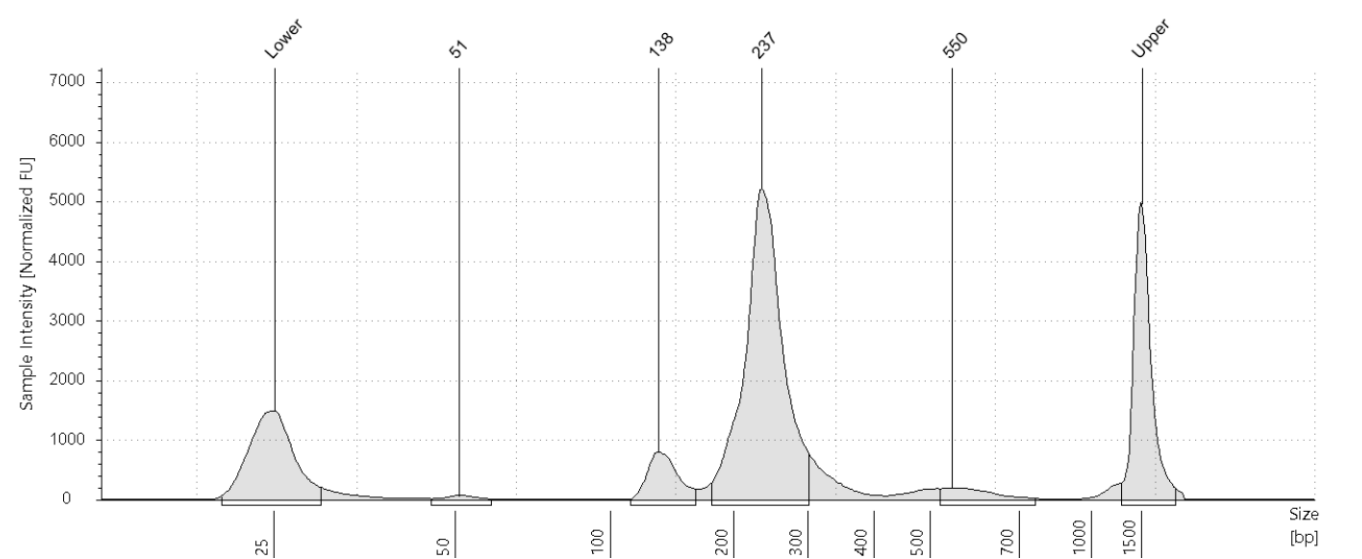| Well	Conc. [ng/µl]	Sample Description	Alert	Observations
E2	22.6	Digitonin 15m Linear sup		

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	9.06	-	557	-		Lower Marker
54	0.342	-	9.66	1.51		
148	4.80	-	50.0	21.21		
255	15.6	-	94.2	69.12		
566	1.85	-	5.02	8.16		
1500	6.50	6.50	6.67	-		Upper Marker
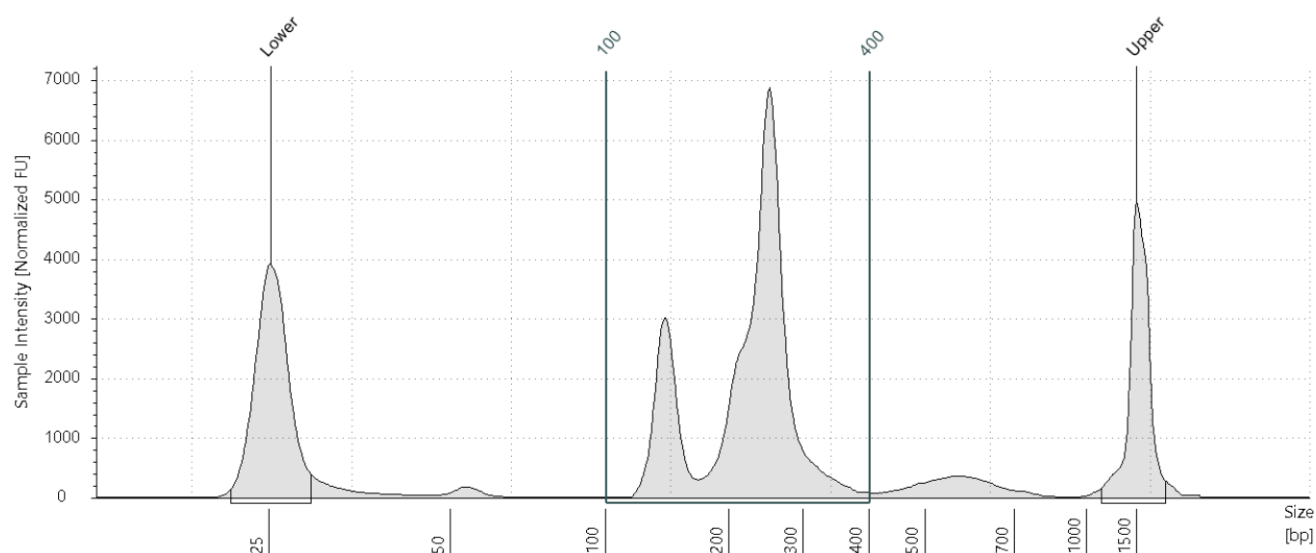
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	228	22.0	158	85.10		■

F2: Digitonin 20m Linear sup

Sample Table

Well	Conc. [ng/µl]	Sample Description	Alert	Observations
F2	17.4	Digitonin 20m Linear sup	⚠	Markers outside standard running position

Peak Table

Size [bp]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.03	-	310	-		edited Lower Marker
51	0.157	-	4.74	0.90		
138	1.81	-	20.2	10.41		
237	14.7	-	95.7	84.43		
550	0.741	-	2.07	4.25		
1500	6.50	6.50	6.67	-		edited Upper Marker
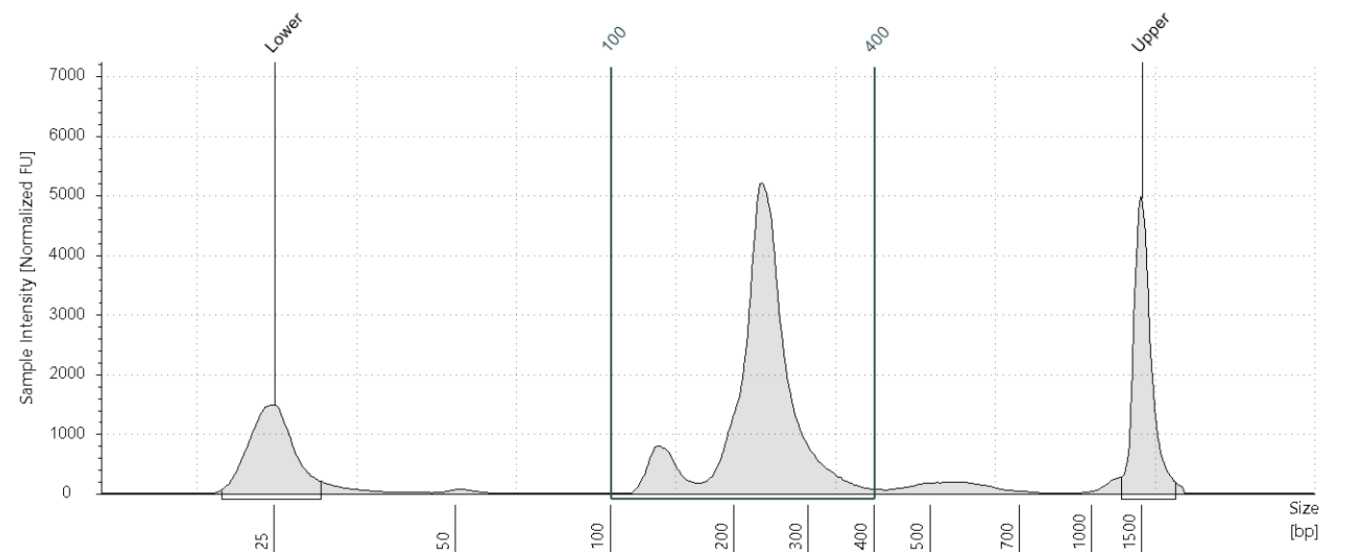
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	236	18.0	123	87.97		■