Fragment Analyzer Run Summary:

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\
2021 10 28_merged_Amp.raw
Created: 10/28/2021 9:04 AM
# of Capillaries: 96
Array Serial #: 092719-05LFS
Effect Length: 55 cm
Array Usage Count: 325
FA Version #: 1.2.0.11
Device Serial #: 3625

METHOD INFORMATION
Method Name: DNF-910-55 - DNA 35-1500bp.mthds
Gel Prime: No
Full Conditioning: Yes
Gel Prime to Buffer: No
Gel Selection: Gel 1
Perform Prerun: 9.0 kV, 30 sec.
Rinse: No
Marker 1: Row: C, 7.5 kV, 10 sec.
Rinse: No
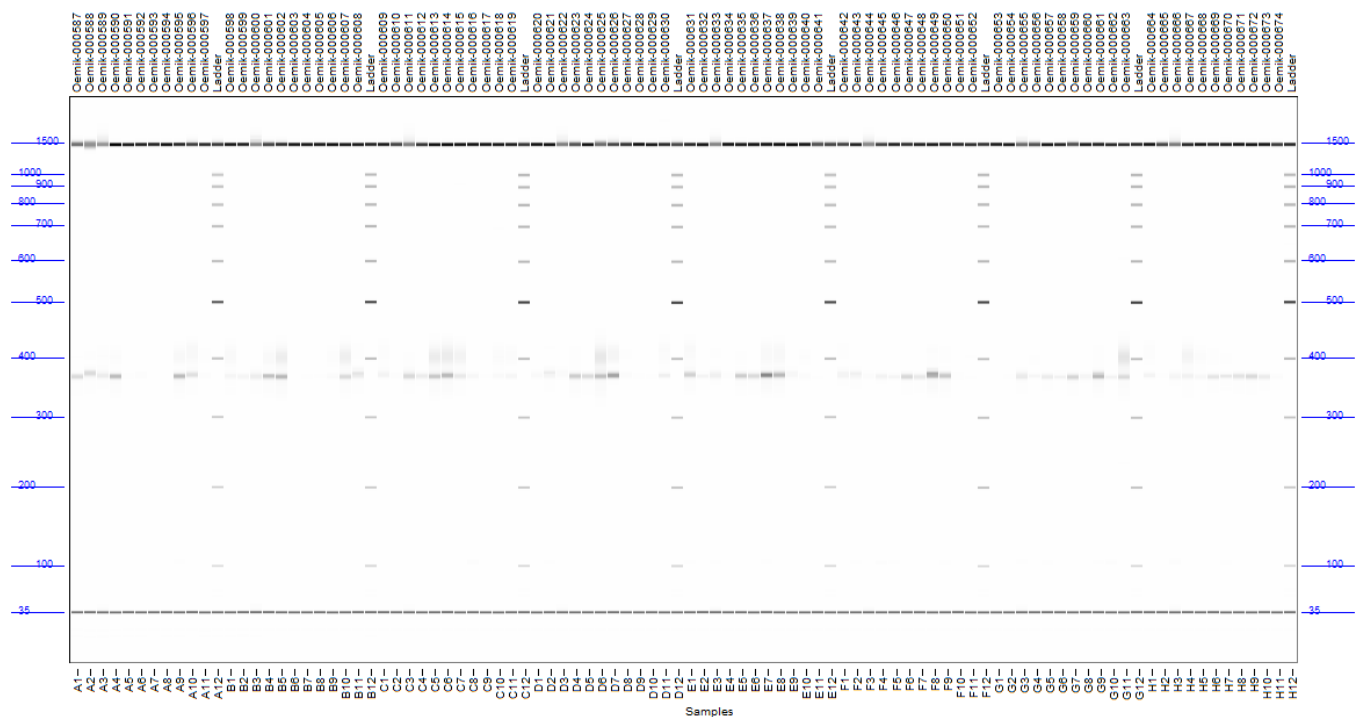**Sample Injection:** 7.5 kV, 10 sec.
Separation: 9.0 kV, 70.0 min.
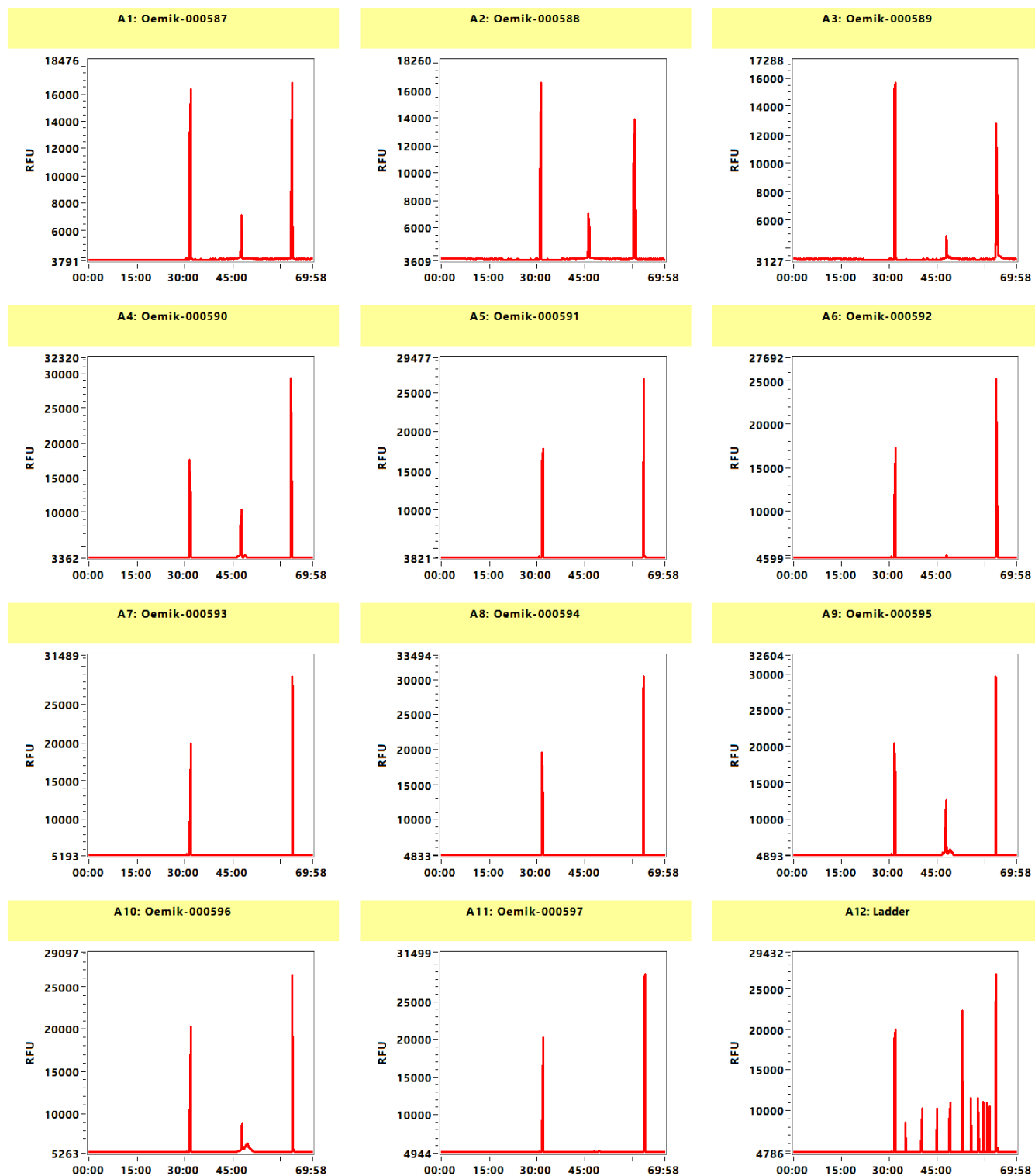**Tray Name:** OeMik Lueders_Exp009_Amp_gereinigt_Teil 1

Analysis Mode: DNA

NOTES

Gel Image

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw
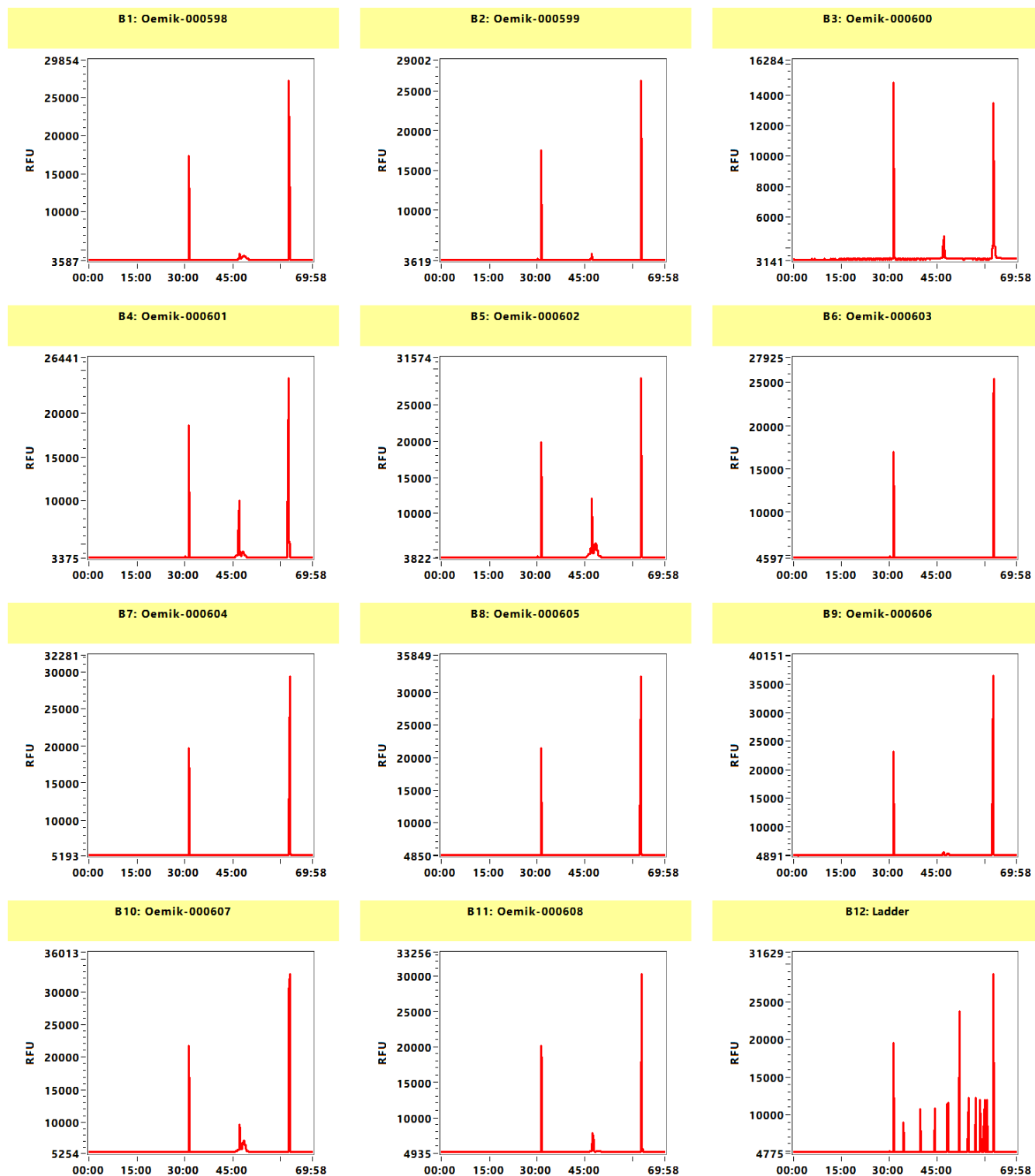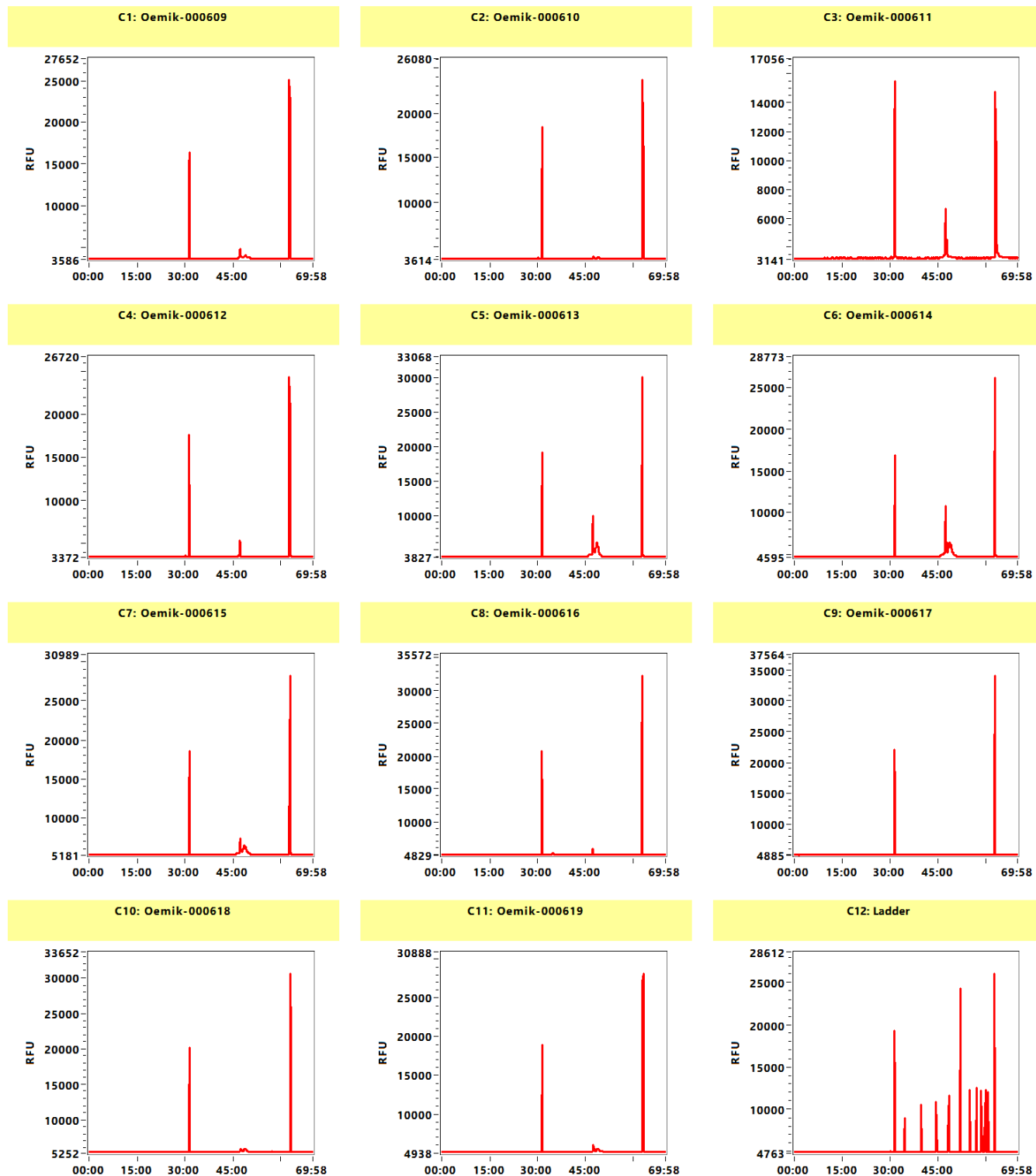
Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw

F1: Oemik-000642

F2: Oemik-000643

F3: Oemik-000644

F4: Oemik-000645

F5: Oemik-000646

F6: Oemik-000647

F7: Oemik-000648

F8: Oemik-000649

F9: Oemik-000650

F10: Oemik-000651
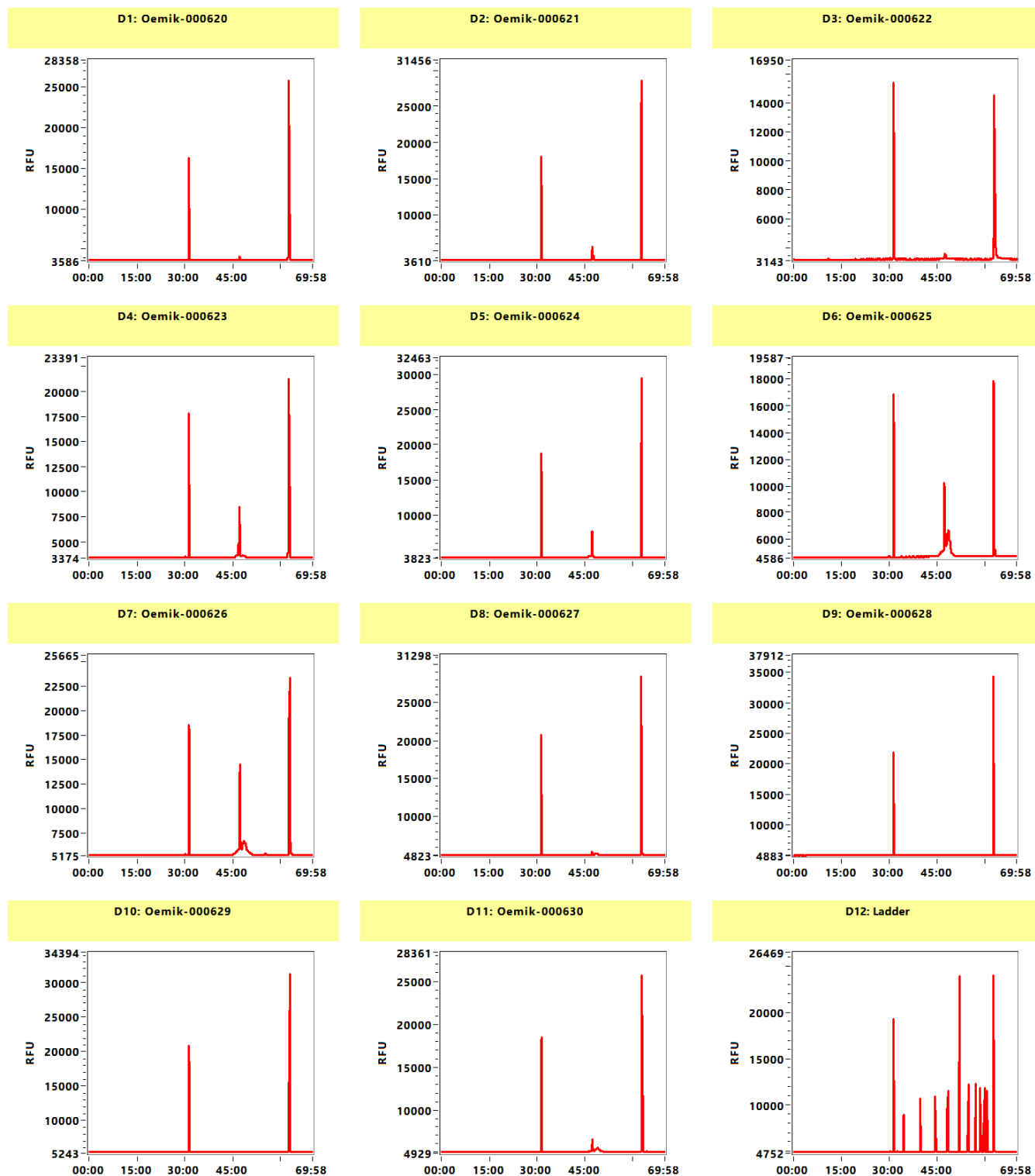

F11: Oemik-000652

F12: Ladder

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw

Filename and Data Path: W:\GENOMICS\ORG\FA\Oemik_Lueders\Merged files\2021 10 28_merged_Amp\2021 10 28_merged_Amp.raw
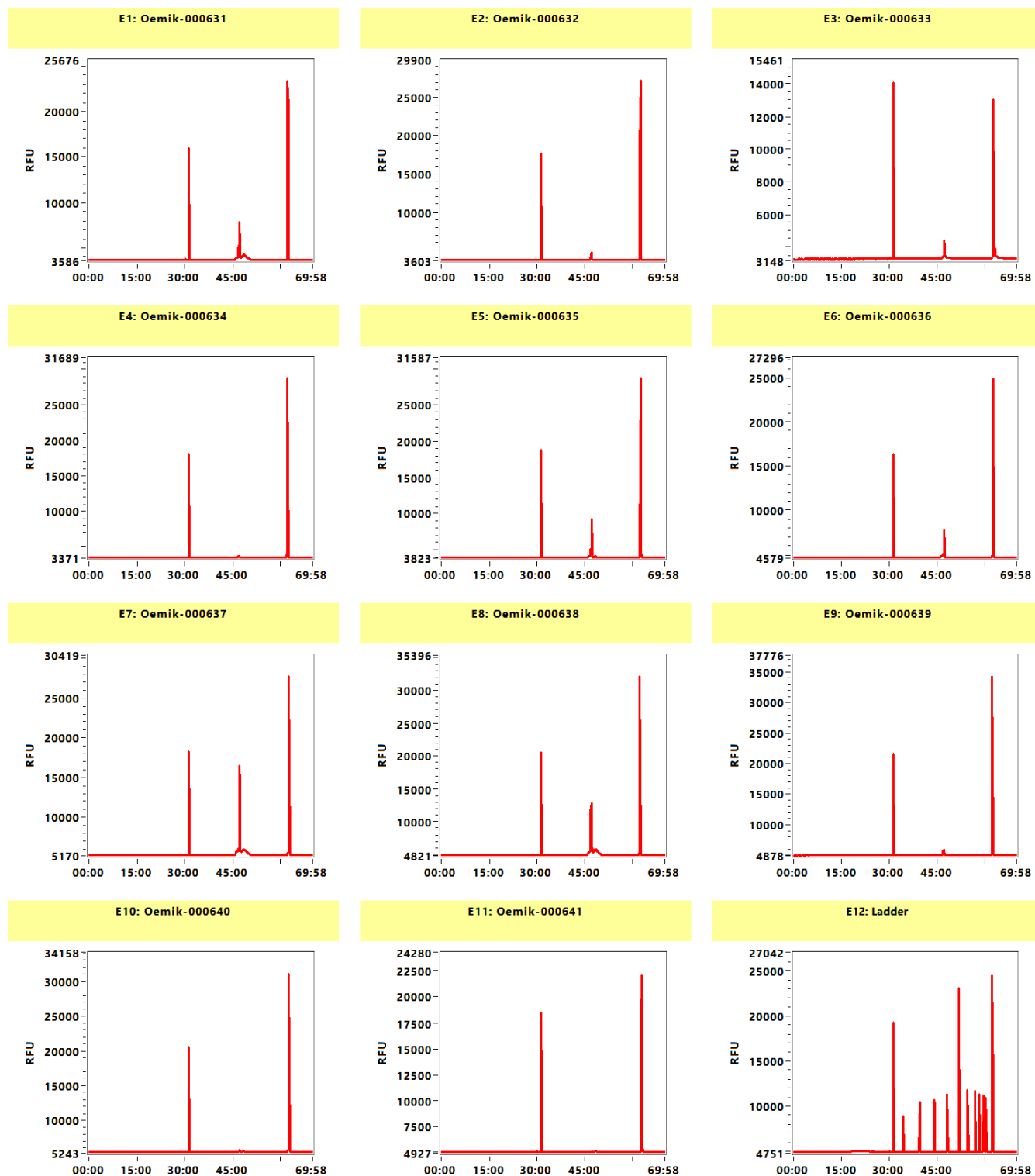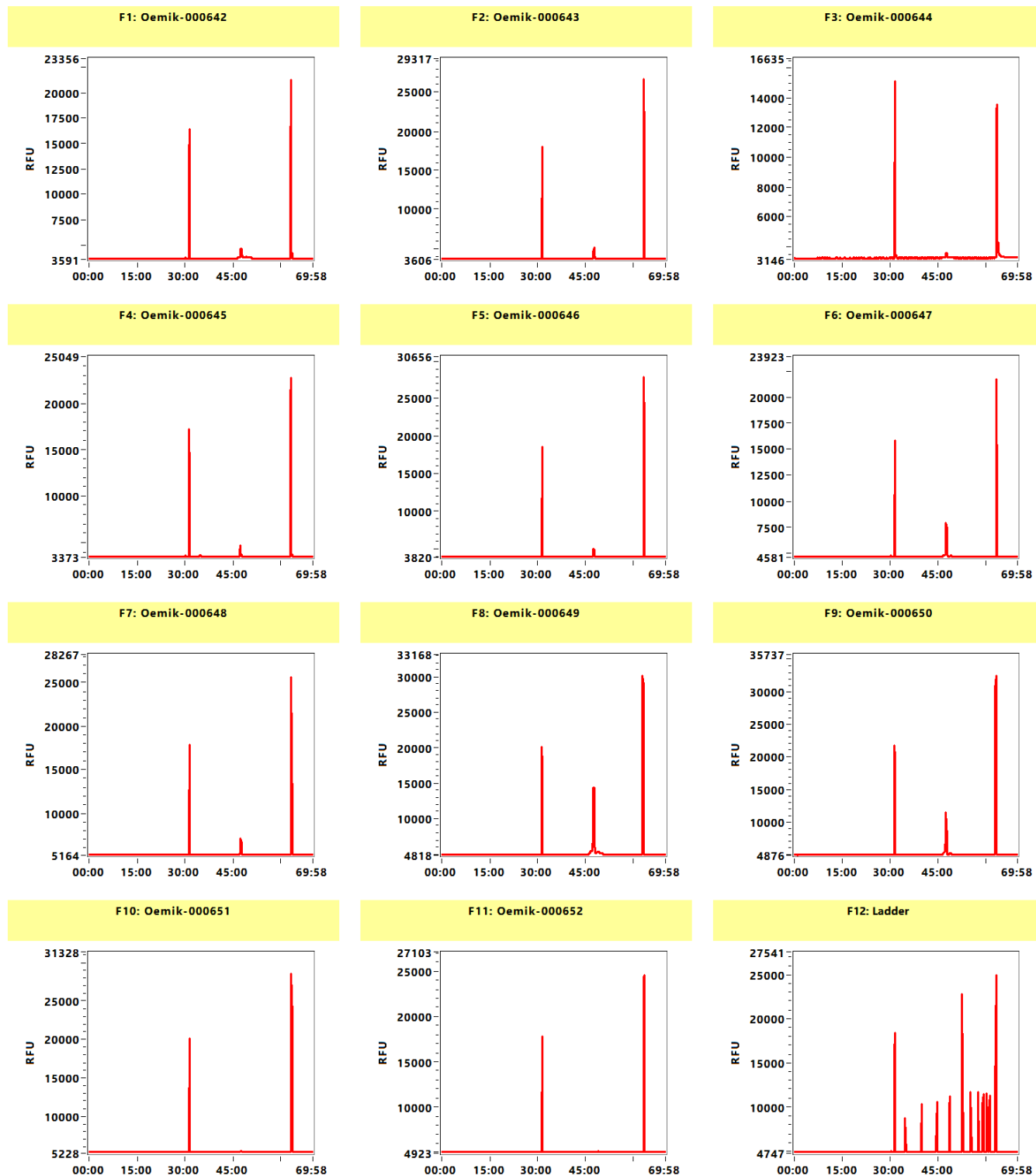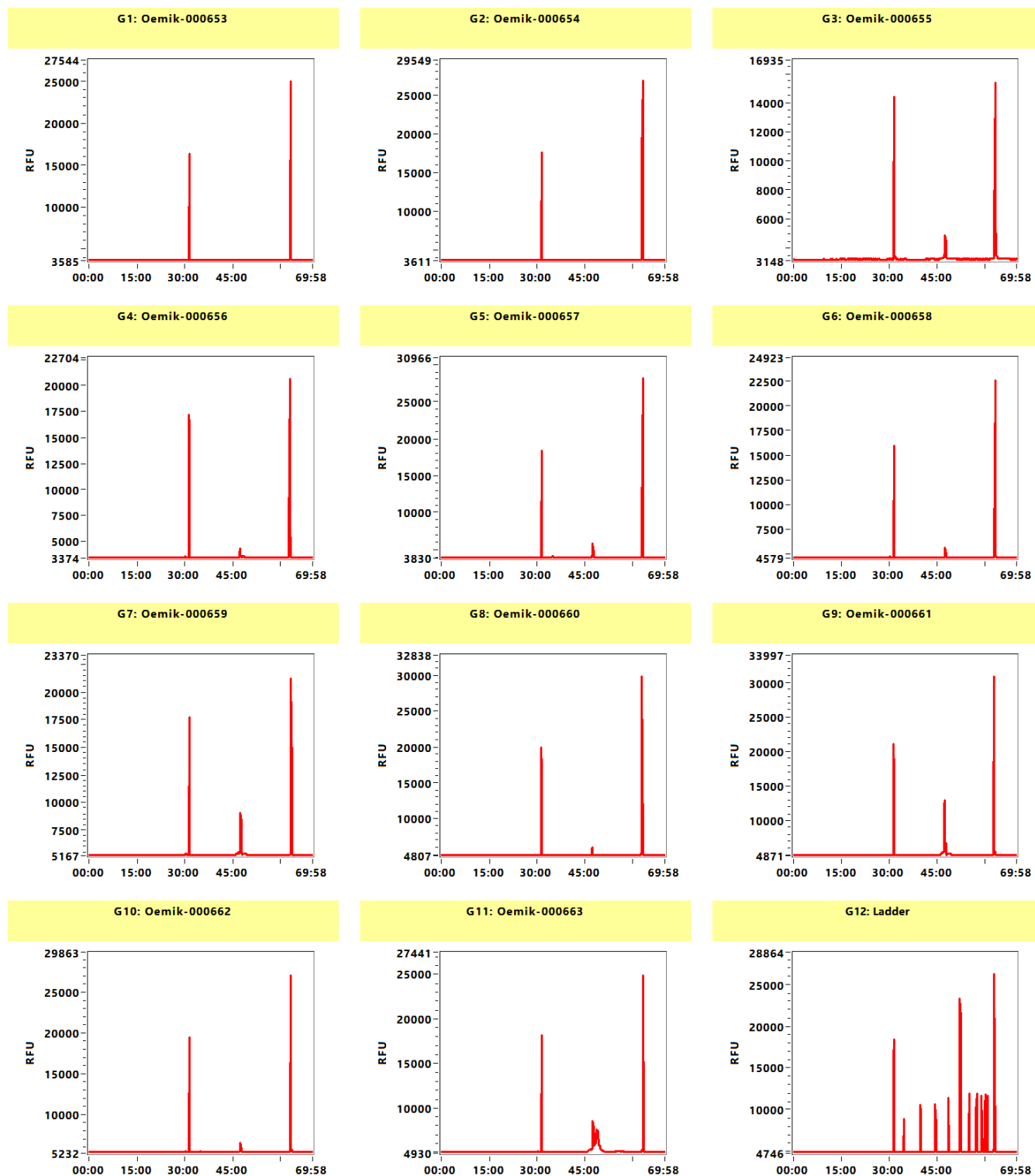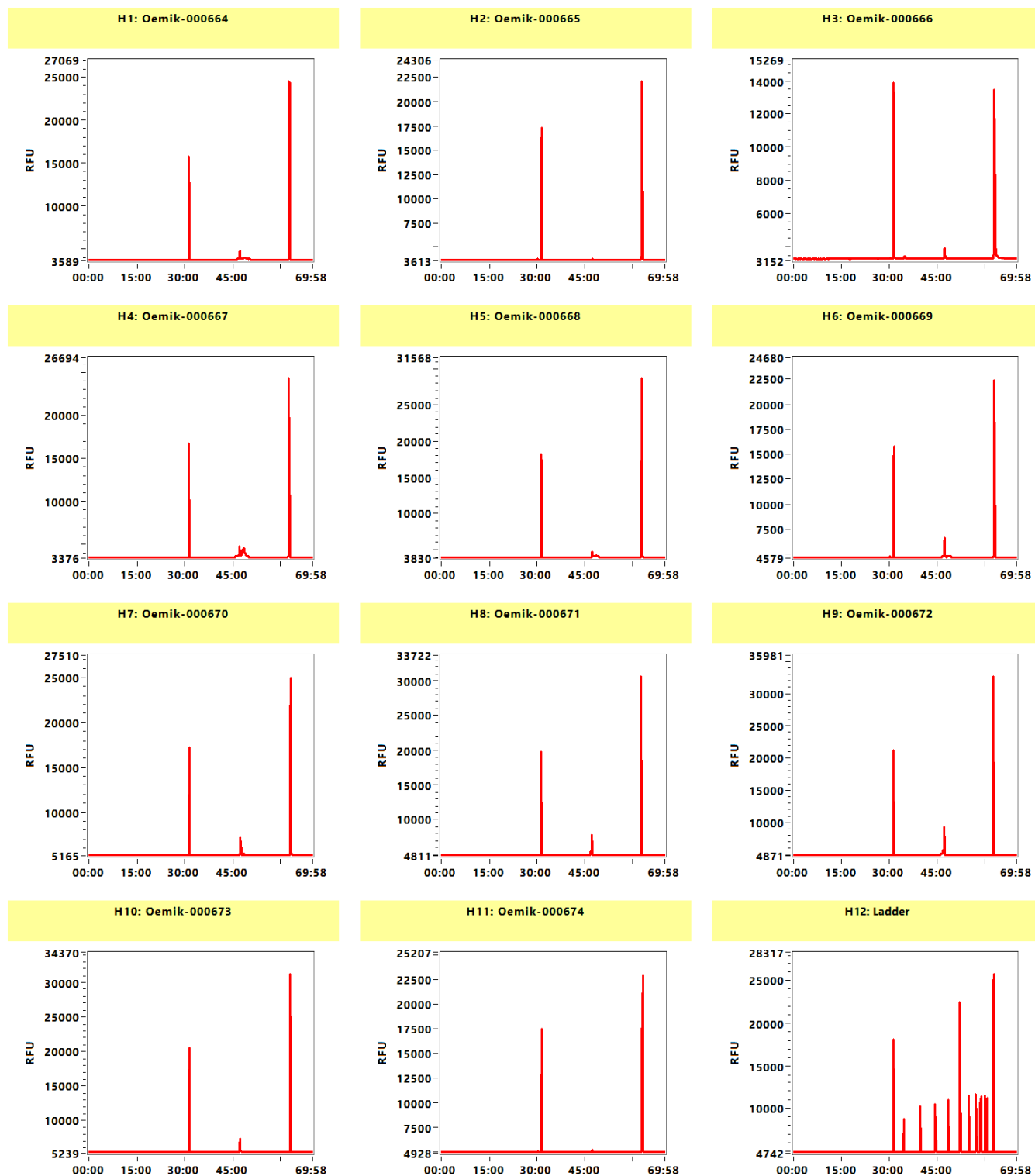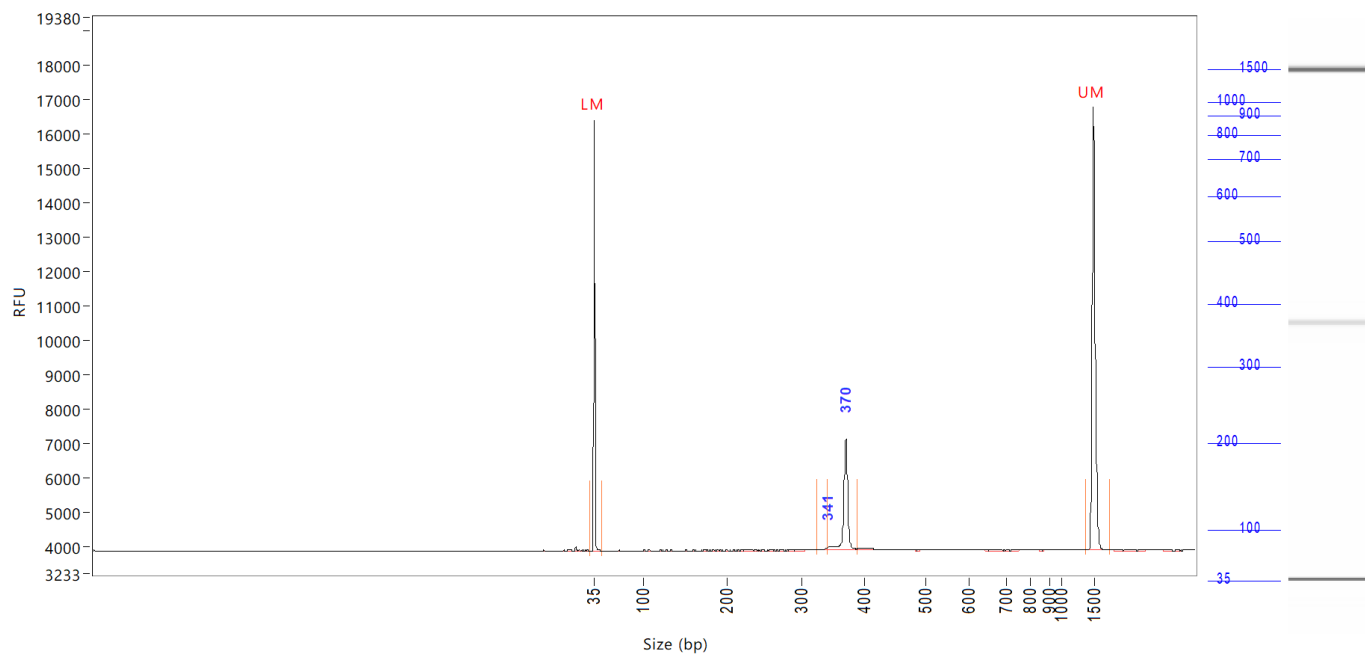
Sample: Oemik-000587
Well Location: A1
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4082	29	47	35	3.20	12485	37.245
2	341	0.0536	325	342	337	1.29	75	0.407
3	370	2.6029	342	387	368	1.59	3201	19.791
4	1500 (UM)	0.5000	1376	1738	1505	1.78	12888	45.622

TIC:	2.6564	ng/uL
TIM:	11.8980	nmole/L
Total Conc.:	3.1888	ng/uL

Sample Peak Width (sec): 5　　　Sample Min Peak Height: 50　　　Sample Baseline V to V?: Y　　　Sample Baseline V to V pts: 3
Sample Filter: Binomial　　　　# of Pts for Filter: 3　　　　Sample Start Region (min): 0　　Sample End Region (min): 70
Marker Peak Width (sec): 5　　　Marker Min Peak Height: 500　　Marker Baseline V to V?: Y　　　Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU　　　　　　Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker　　　　Final Concentration (ng/uL): 0.5000　　　　Dilution Factor: 12.0

Sample: Oemik-000588
Well Location: A2
Created: 10/28/2021 9:04 AM
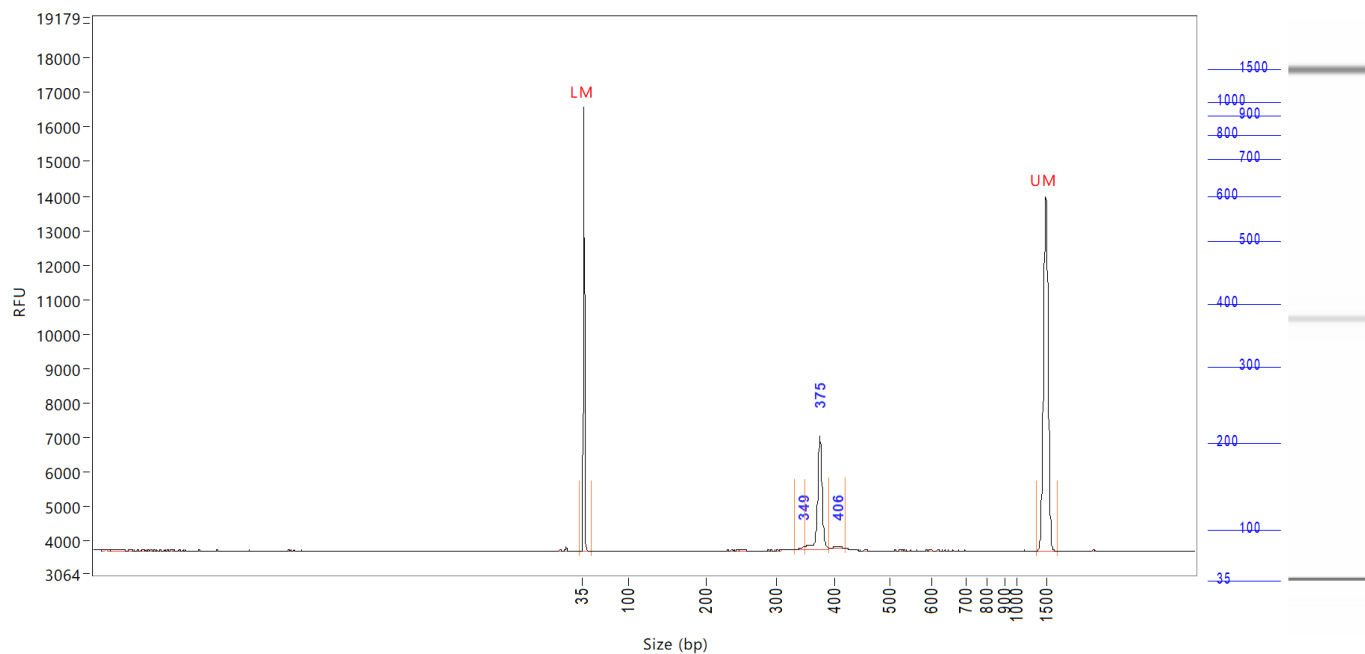
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3453	30	47	35	3.30	12889	40.579
2	349	0.0609	332	349	344	1.16	99	0.596
3	375	2.4287	349	392	374	1.56	3283	23.784
4	406	0.0911	392	421	405	1.65	65	0.893
5	1500 (UM)	0.5000	1343	1701	1494	2.46	10251	58.758

TIC:	2.5808	ng/uL
TIM:	11.3454	nmole/L
Total Conc.:	2.9161	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000589
Well Location: A3
Created: 10/28/2021 9:04 AM
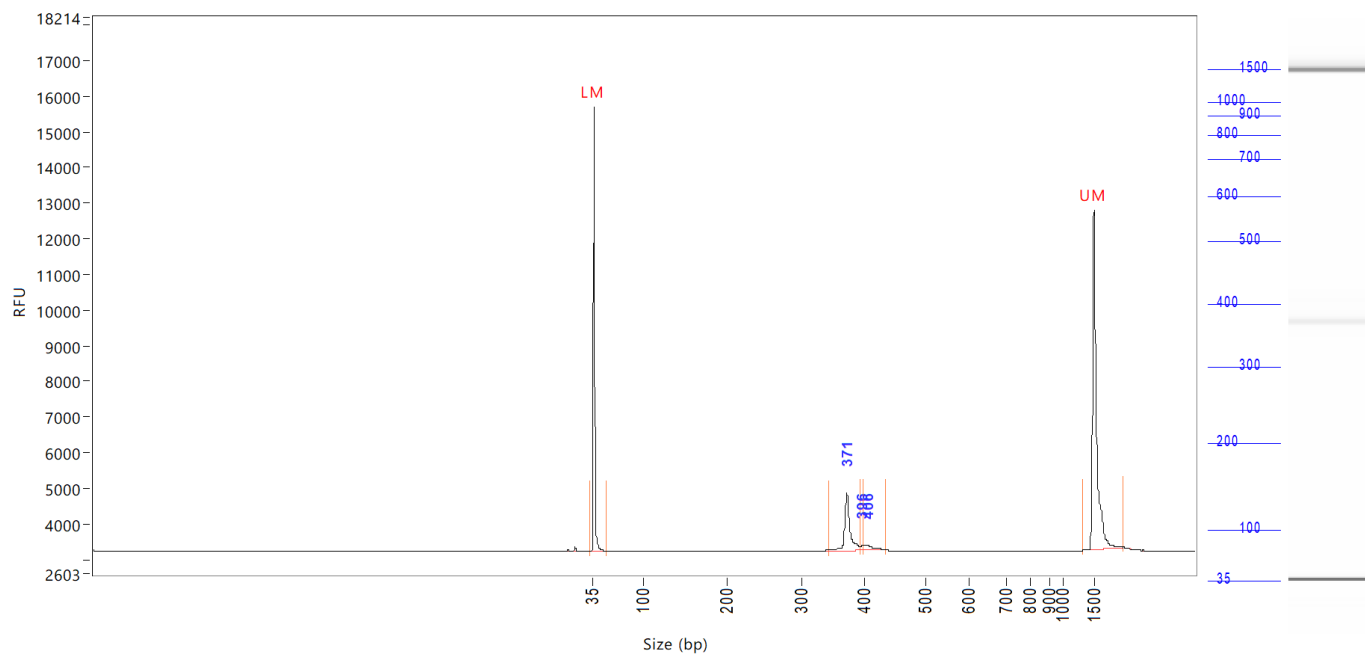
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4791	31	53	35	4.86	12486	41.493
2	371	1.8505	343	393	372	2.03	1610	13.356
3	396	0.0699	393	397	395	0.36	129	0.504
4	406	0.2792	397	435	409	2.07	139	2.015
5	1500 (UM)	0.5000	1327	1948	1527	4.02	9537	43.306

TIC:	2.1995	ng/uL
TIM:	9.5981	nmole/L
Total Conc.:	2.5574	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000590
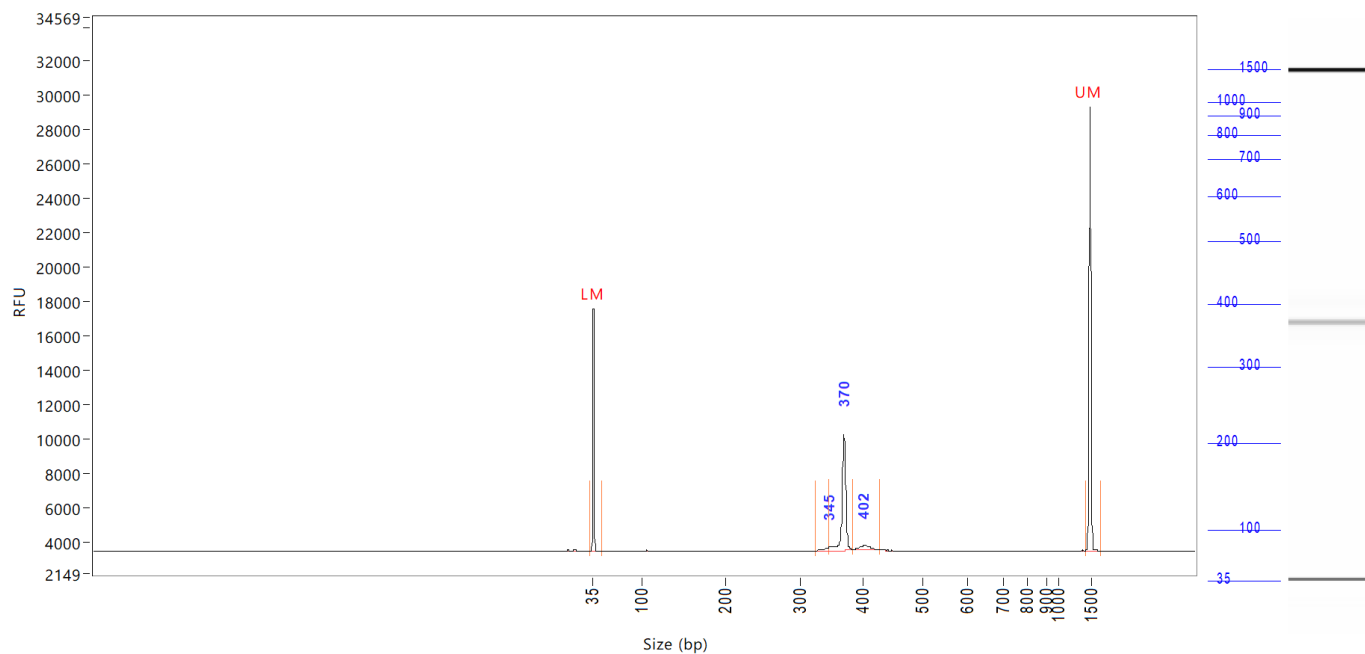**Well Location:** A4
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3659	30	48	35	3.14	14088	43.051
2	345	0.1340	324	346	340	1.50	185	1.314
3	370	4.0551	346	384	369	1.43	6791	39.761
4	402	0.4961	384	429	403	2.23	270	4.865
5	1500 (UM)	0.5000	1422	1673	1493	1.03	25900	58.831

TIC:	4.6853	ng/uL
TIM:	20.7540	nmole/L
Total Conc.:	5.0140	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000591
Well Location: A5
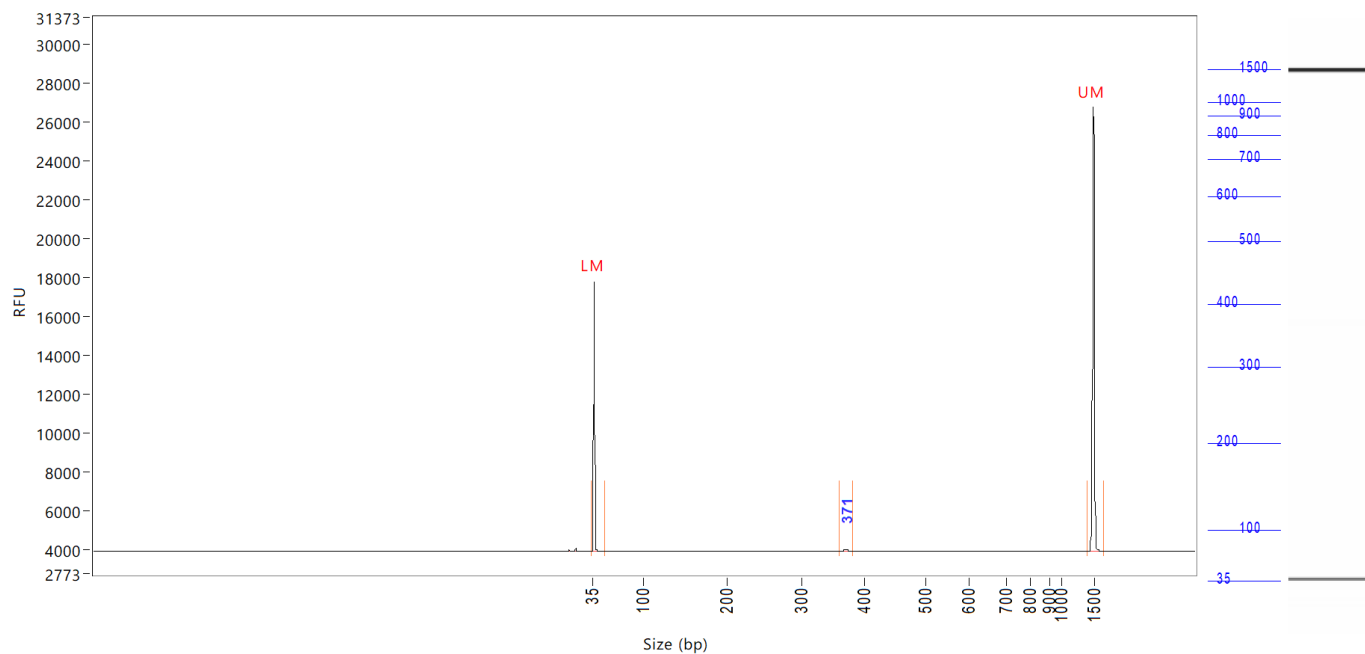**Created:** 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3993	32	50	35	3.31	13855	41.620
2	371	0.0716	359	381	370	1.03	92	0.622
3	1500 (UM)	0.5000	1397	1648	1493	1.03	22874	52.122

TIC:	0.0716	ng/uL
TIM:	0.3182	nmole/L
Total Conc.:	0.5022	ng/uL

Sample Peak Width (sec): 5 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 70
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000592
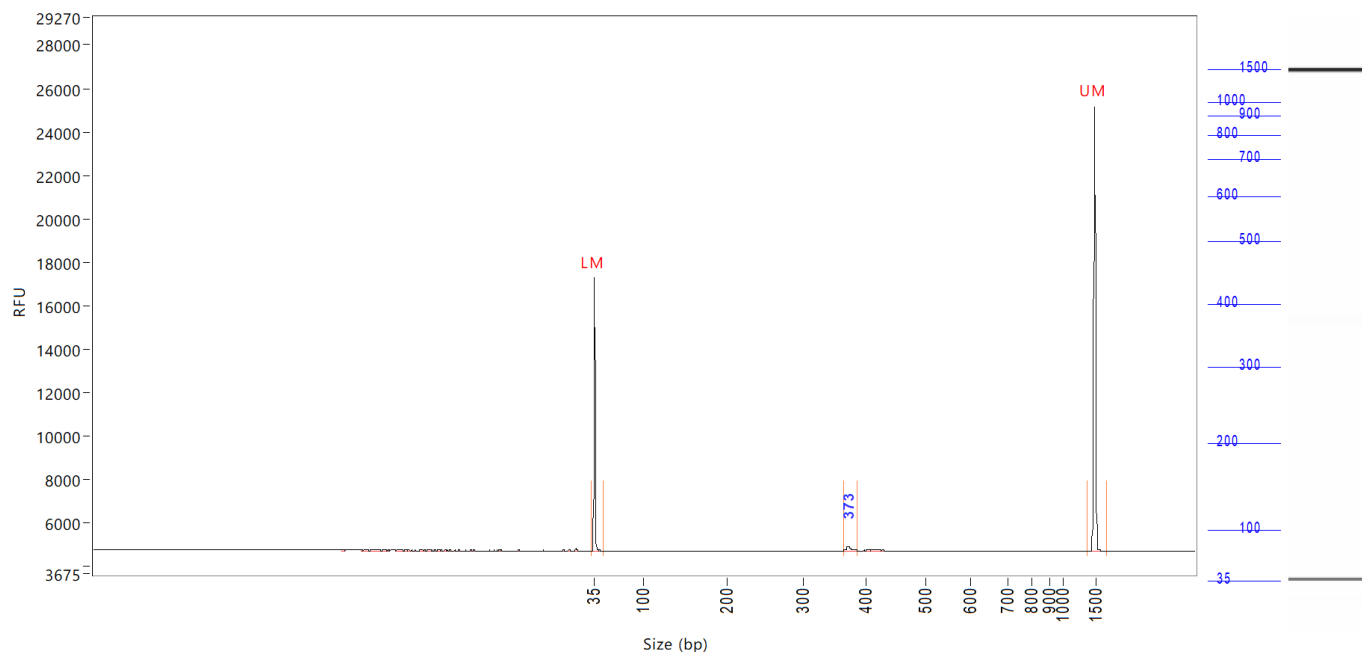**Well Location:** A6
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4033	31	47	35	3.26	12555	37.645
2	373	0.1833	365	388	373	0.99	212	1.426
3	1500 (UM)	0.5000	1385	1677	1495	1.07	20472	46.675

TIC:	0.1833	ng/uL
TIM:	0.8084	nmole/L
Total Conc.:	0.7563	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500    Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000593
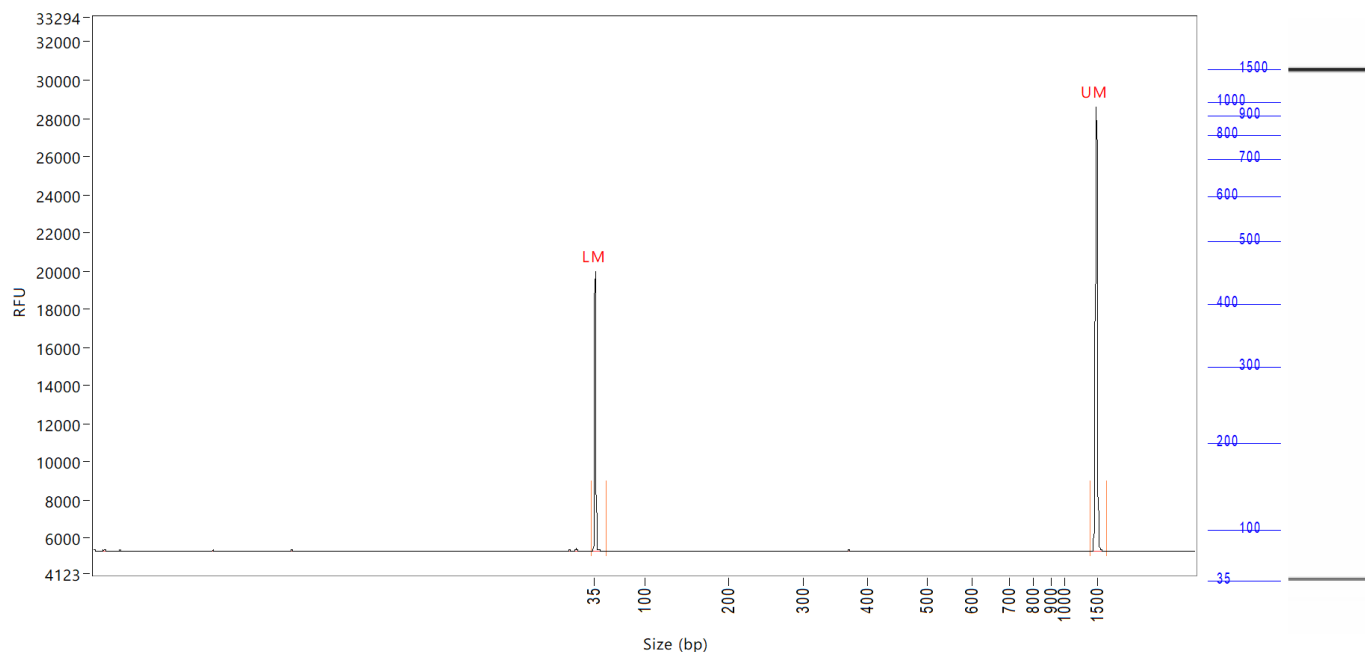**Well Location:** A7
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4047	31	50	35	3.41	14617	44.045
2	1500 (UM)	0.5000	1409	1656	1497	1.09	23328	54.419

TIC:	0.0000	ng/uL
TIM:	0.0000	nmole/L
Total Conc.:	0.5483	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000594
Well Location: A8
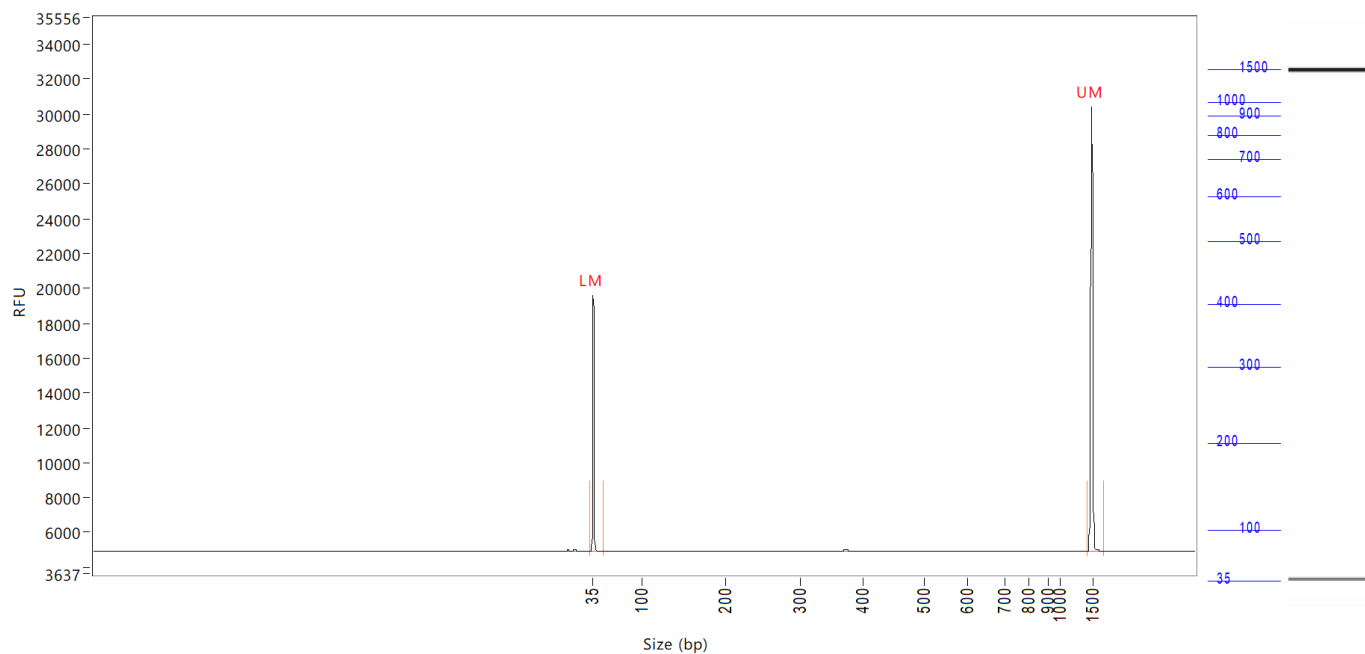**Created:** 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3754	32	50	35	3.30	14658	44.079
2	1500 (UM)	0.5000	1426	1677	1495	1.06	25507	58.706

TIC:	0.0000	ng/uL
TIM:	0.0000	nmole/L
Total Conc.:	0.4922	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3        Sample Start Region (min): 0  Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                 Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000595
Well Location: A9
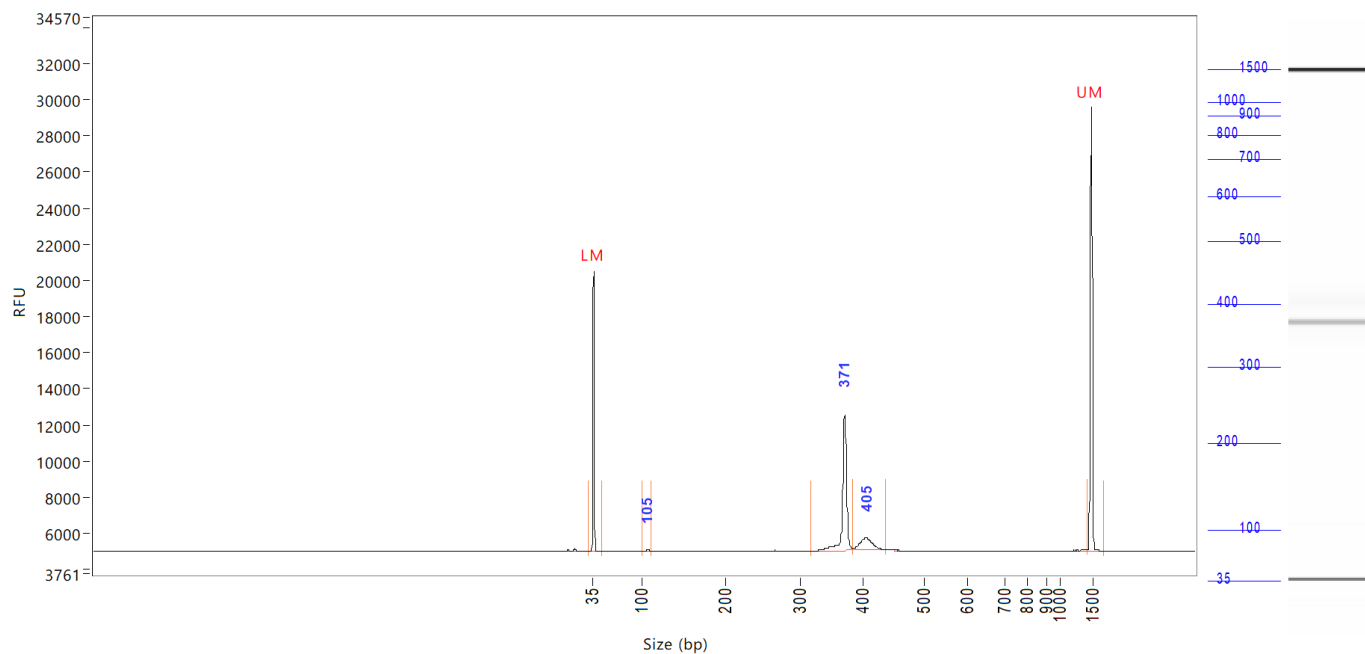**Created:** 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4140	30	48	35	3.32	15491	46.590
2	105	0.0724	100	111	105	1.77	113	0.679
3	371	5.0640	317	383	368	2.07	7523	47.494
4	405	1.3821	383	437	405	2.49	659	12.962
5	1500 (UM)	0.5000	1426	1685	1497	1.04	24607	56.272

TIC:	6.5185	ng/uL
TIM:	29.3859	nmole/L
Total Conc.:	6.9674	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000596
Well Location: A10
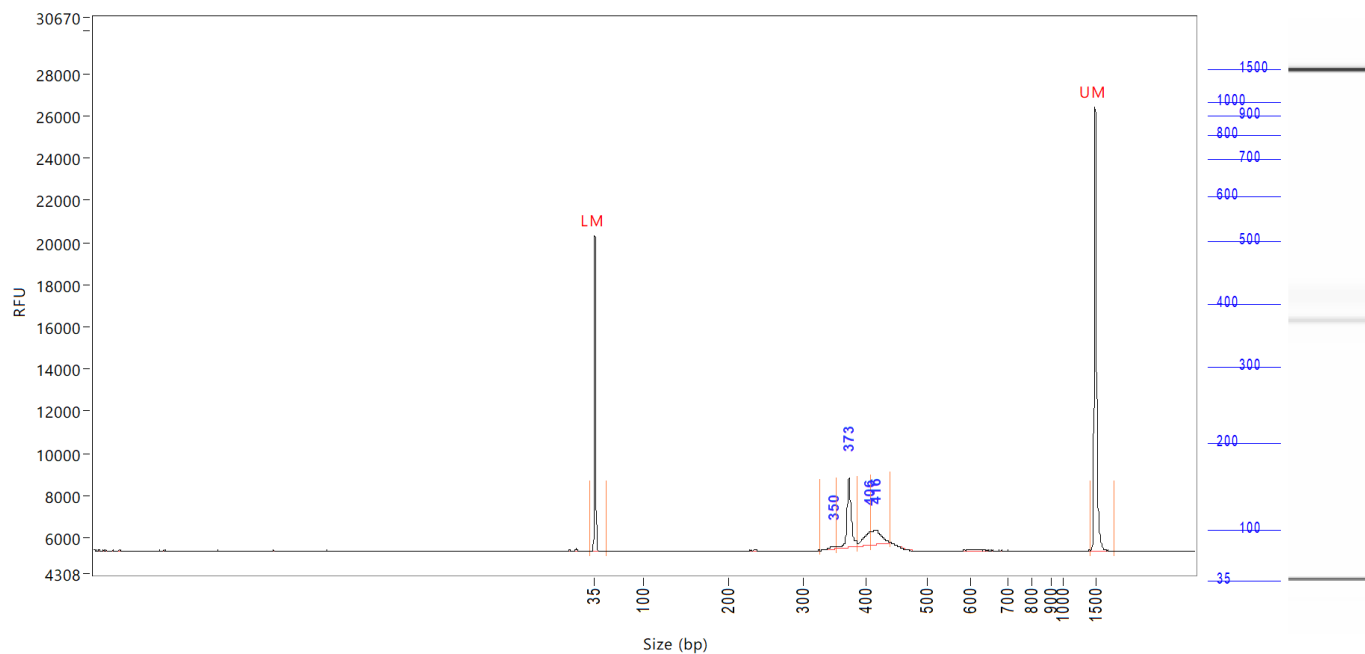**Created:** 10/28/2021 9:04 AM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.4058	30	51	35	3.41	14935	45.875
2	350	0.1165	328	352	345	1.47	98	1.097
3	373	2.3558	352	387	373	1.33	3266	22.195
4	406	0.6878	387	408	400	1.41	637	6.480
5	416	1.0858	408	441	419	1.72	687	10.230
6	1500 (UM)	0.5000	1422	1796	1503	1.75	21066	56.530

TIC:	4.2458	ng/uL
TIM:	18.0390	nmole/L
Total Conc.:	4.6459	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000597
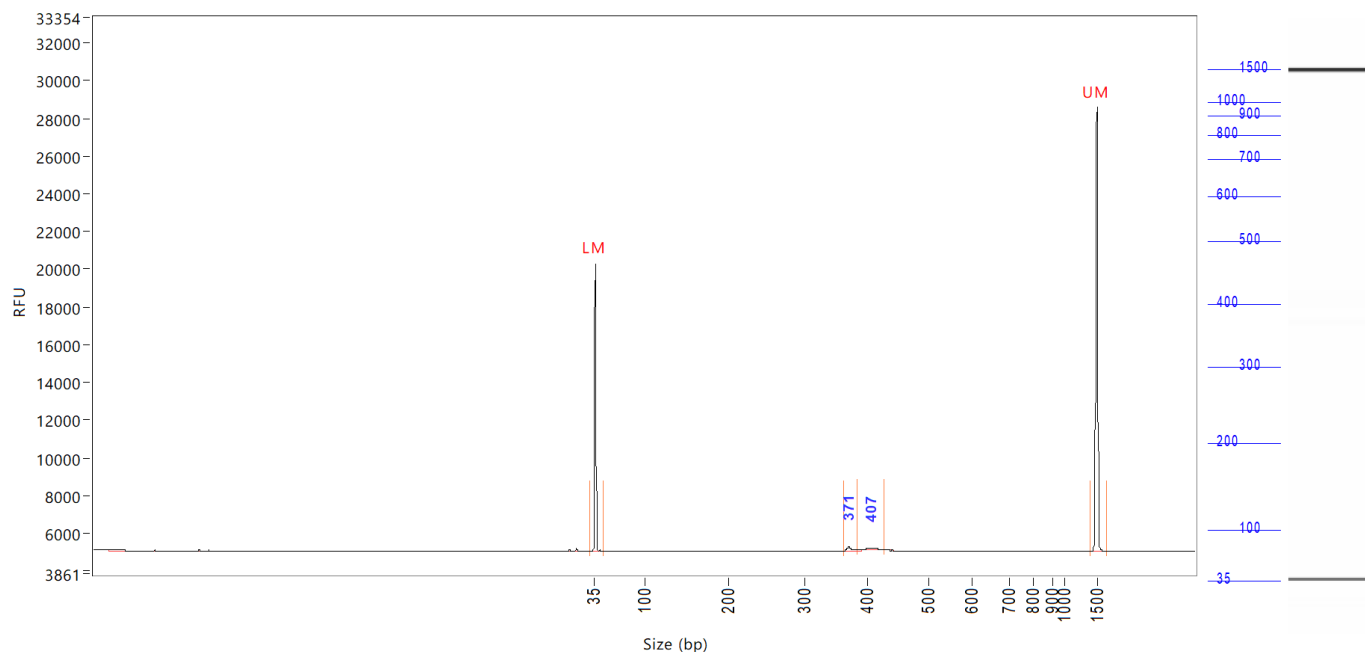**Well Location:** A11
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4316	29	46	35	3.14	15235	46.510
2	371	0.1360	363	385	372	1.03	192	1.221
3	407	0.2212	385	429	406	2.28	102	1.986
4	1500 (UM)	0.5000	1401	1656	1495	1.04	23589	53.880

|		
TIC:	0.3572	ng/uL
TIM:	1.4978	nmole/L
Total Conc.:	0.8026	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Ladder
Well Location: A12
Created: 10/28/2021 9:04 AM
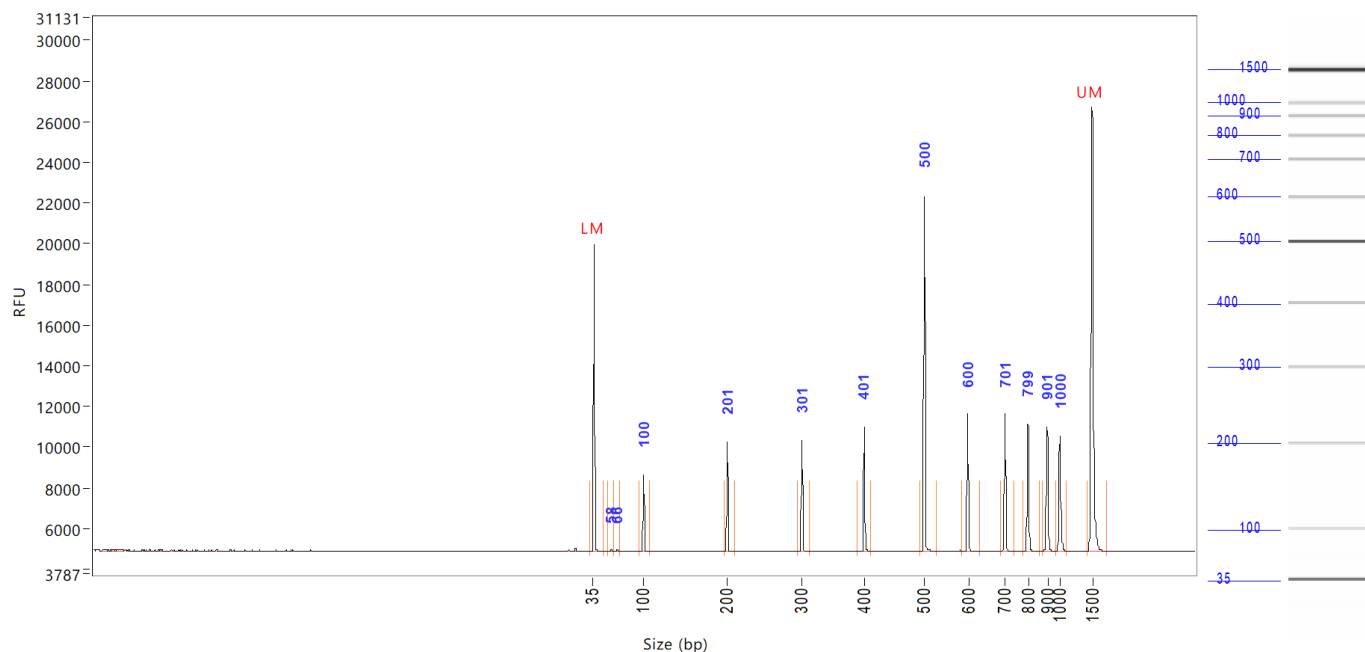
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3936	31	49	35	3.24	15102	45.282
2	58	0.0285	54	62	58	2.30	70	0.274
3	66	0.0254	62	70	65	2.37	61	0.243
4	100	0.9951	94	109	100	1.12	3758	9.540
5	201	1.2169	197	212	200	0.60	5377	11.666
6	301	1.2134	295	314	301	0.44	5446	11.632
7	401	1.2524	391	411	400	0.35	6122	12.007
8	500	3.5695	495	529	500	0.41	17423	34.220
9	600	1.3874	587	634	600	0.39	6731	13.301
10	701	1.3647	689	740	700	0.44	6733	13.083
11	799	1.3636	781	861	799	0.61	6227	13.073
12	901	1.3865	874	968	901	0.77	6098	13.292
13	1000	1.3681	968	1108	1001	1.30	5659	13.115
14	1500 (UM)	0.5000	1426	1722	1501	1.54	21866	57.520

TIC:	15.1716	ng/uL
TIM:	65.9271	nmole/L
Total Conc.:	15.5090	ng/uL

Sample: Oemik-000598
Well Location: B1
Created: 10/28/2021 9:04 AM
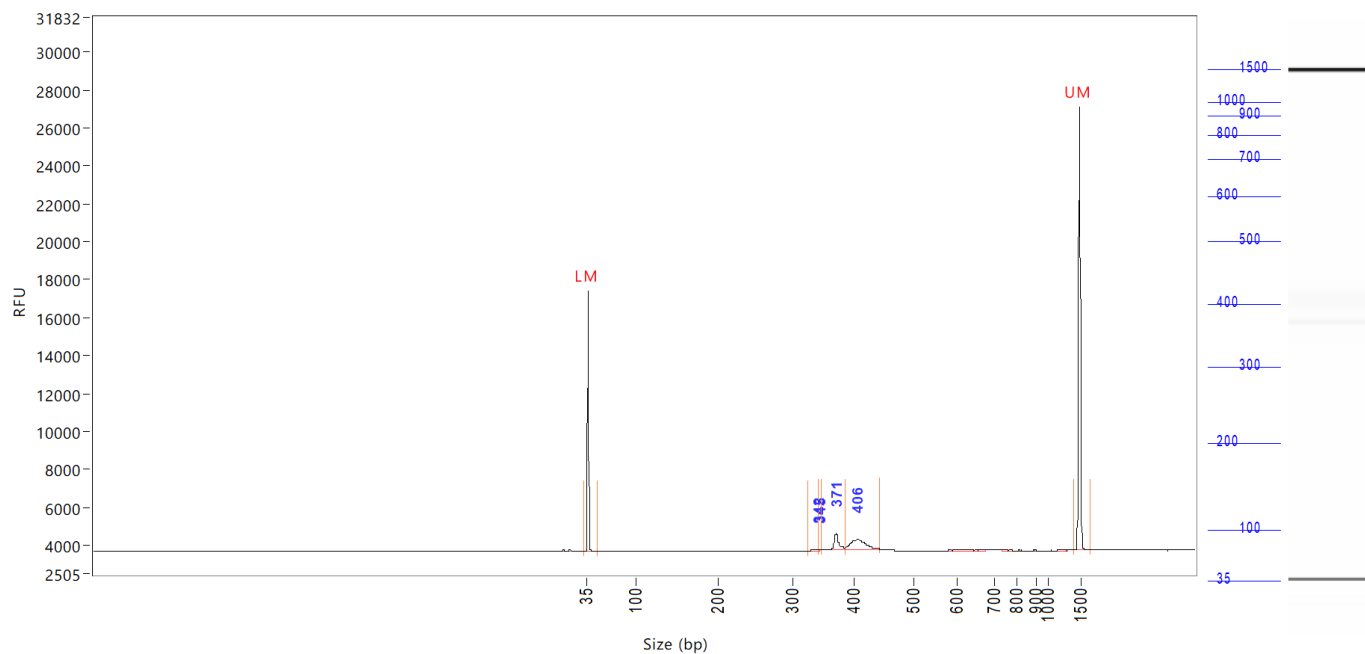
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3795	30	49	35	3.14	13684	41.111
2	342	0.0422	325	343	338	1.22	52	0.381
3	345	0.0212	343	347	345	0.37	54	0.192
4	371	0.7616	347	385	370	1.84	870	6.874
5	406	1.2919	385	444	407	2.79	520	11.661
6	1500 (UM)	0.5000	1401	1673	1496	1.05	23411	54.158

TIC:	2.1168	ng/uL
TIM:	8.9153	nmole/L
Total Conc.:	2.4301	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000599
Well Location: B2
Created: 10/28/2021 9:04 AM
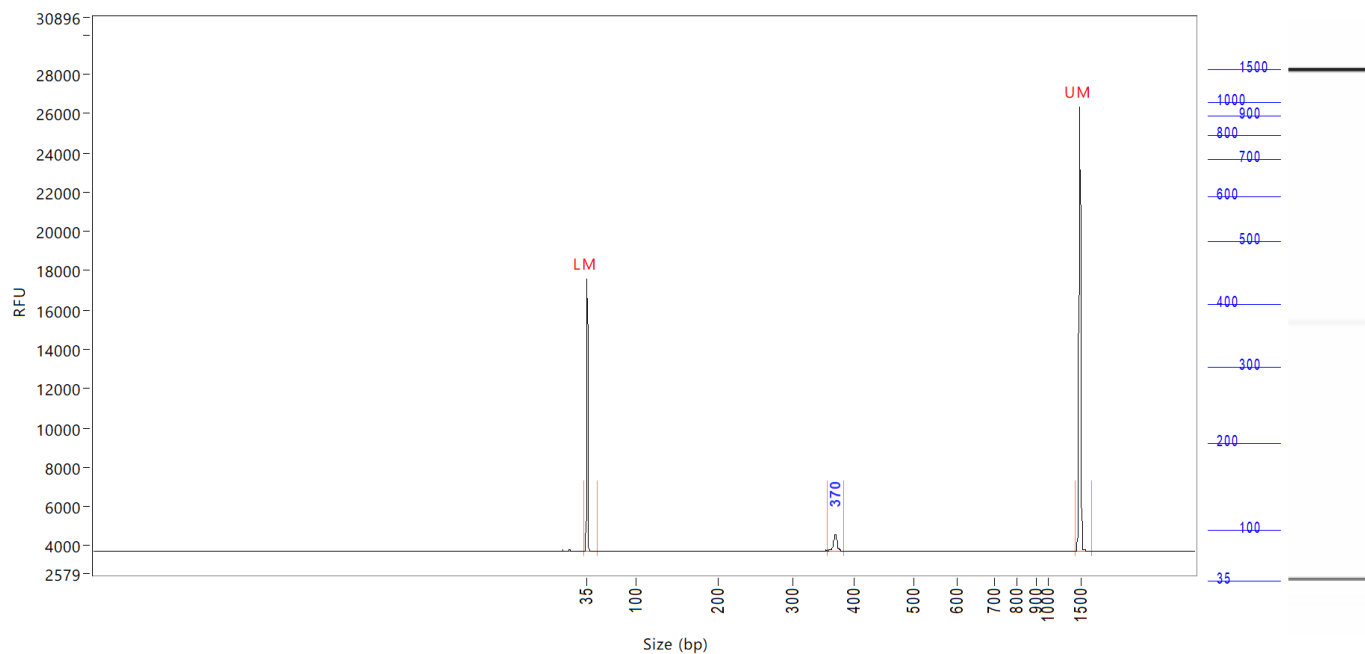
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.4100	32	49	35	3.22	13823	42.096
2	370	0.5552	358	385	369	0.87	856	4.750
3	1500 (UM)	0.5000	1426	1689	1497	1.02	22640	51.333

TIC:	0.5552	ng/uL
TIM:	2.4753	nmole/L
Total Conc.:	0.9451	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

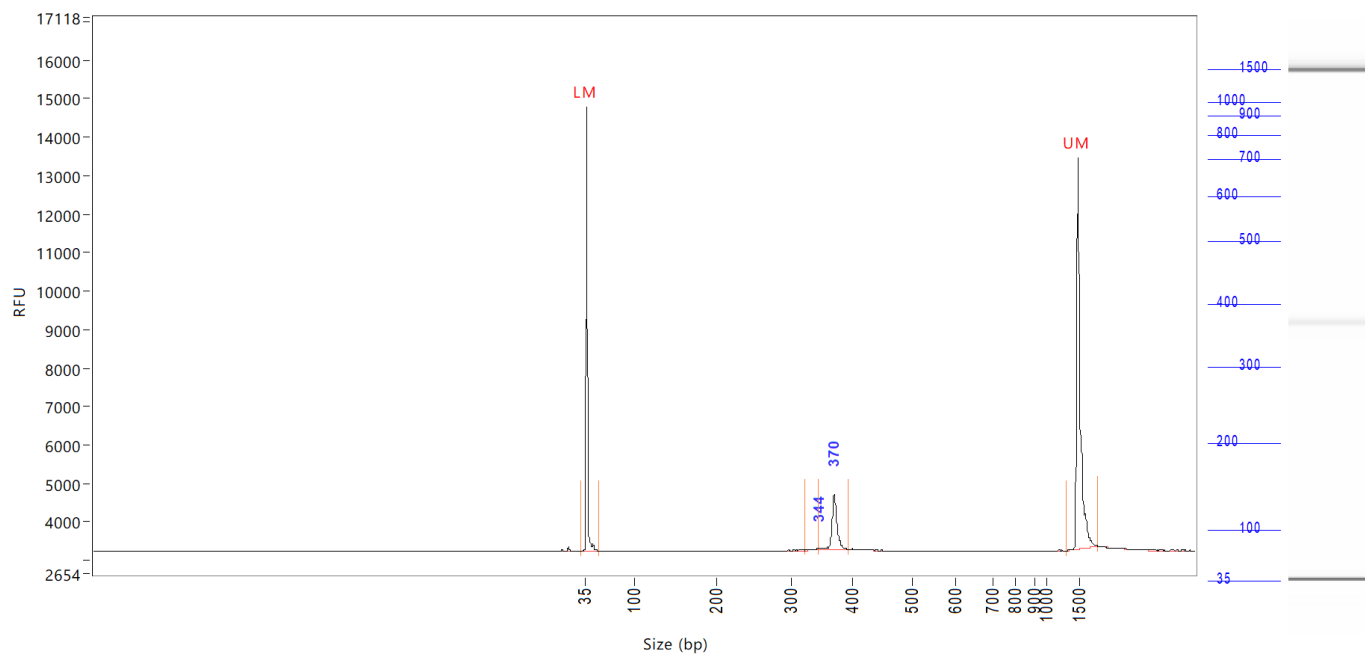**Sample:** Oemik-000600
Well Location: B3
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4755	29	54	35	5.75	11560	39.471
2	344	0.0600	323	346	339	1.61	57	0.415
3	370	1.7722	346	394	370	1.84	1464	12.258
4	1500 (UM)	0.5000	1314	1812	1522	3.28	10158	41.502

|		
TIC:	1.8322	ng/uL
TIM:	8.1711	nmole/L
Total Conc.:	2.2677	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000601
Well Location: B4
Created: 10/28/2021 9:04 AM
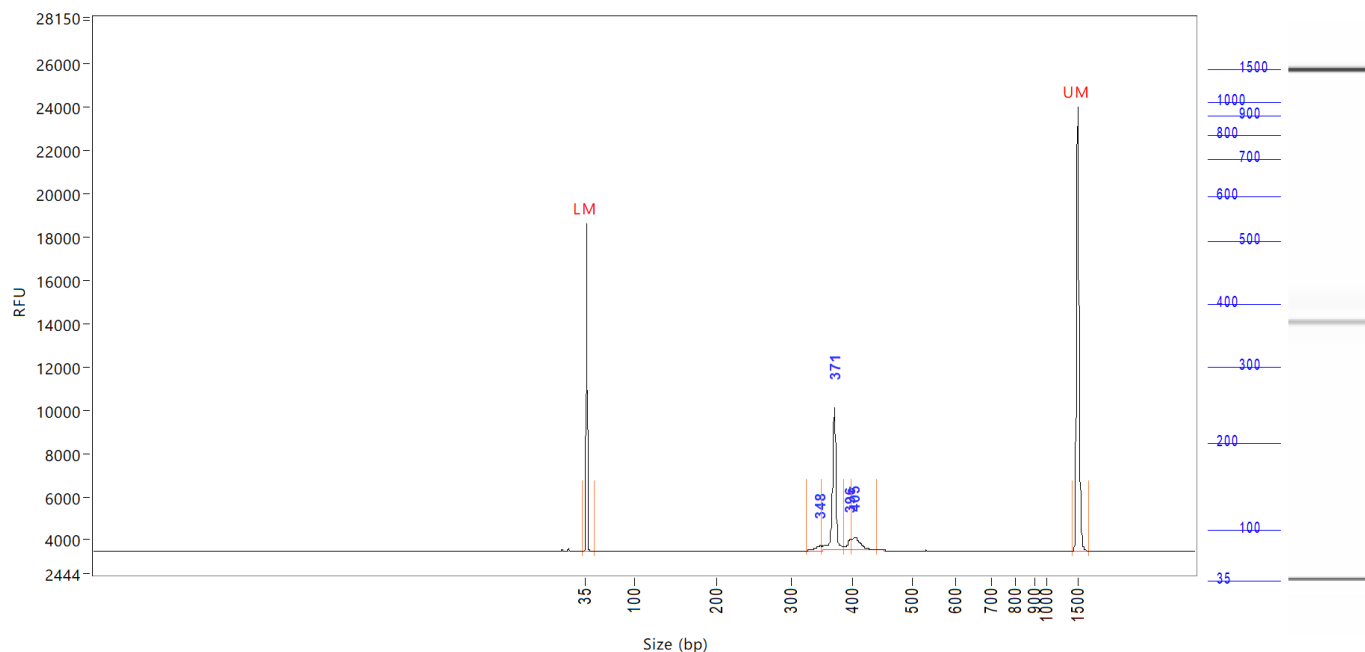
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3750	29	47	35	3.21	15155	46.460
2	348	0.1895	326	350	343	1.45	209	1.956
3	371	3.6961	350	387	369	1.35	6575	38.156
4	396	0.3094	387	398	394	0.79	531	3.194
5	405	0.7593	398	441	409	1.94	585	7.838
6	1500 (UM)	0.5000	1418	1668	1500	1.45	20539	61.940

|		
TIC:	4.9543	ng/uL
TIM:	21.7347	nmole/L
Total Conc.:	5.1974	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000602
Well Location: B5
Created: 10/28/2021 9:04 AM
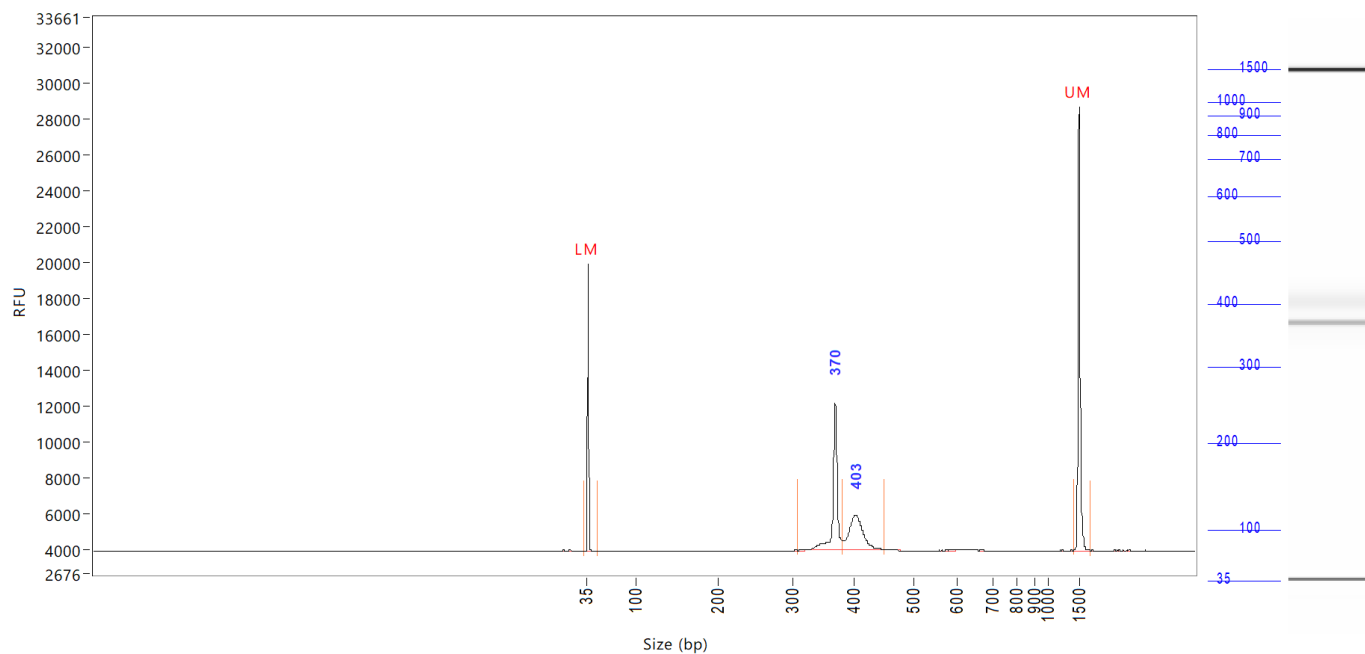
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3754	29	48	35	3.21	15952	47.746
2	370	5.3121	309	382	366	2.62	8209	56.302
3	403	3.7813	382	450	404	2.85	1918	40.078
4	1500 (UM)	0.5000	1413	1681	1501	1.40	24746	63.593

TIC:	9.0934	ng/uL
TIM:	39.2775	nmole/L
Total Conc.:	9.3481	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000603
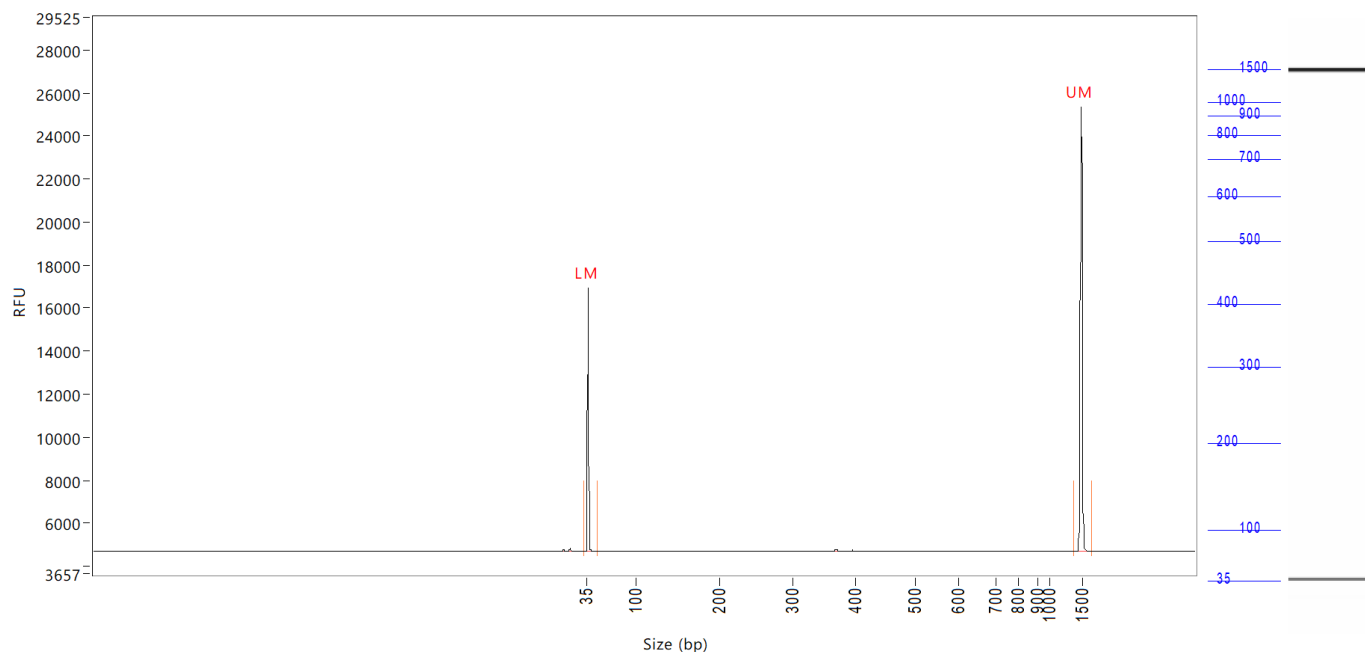**Well Location:** B6
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3913	31	49	35	3.24	12265	37.108
2	1500 (UM)	0.5000	1393	1660	1495	1.04	20683	47.412

TIC:	0.0000	ng/uL
TIM:	0.0000	nmole/L
Total Conc.:	0.5655	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50    Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3        Sample Start Region (min): 0  Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500   Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                 Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Date Printed: 10/29/2021 8:10 AM

Sample: Oemik-000604
Well Location: B7
Created: 10/28/2021 9:04 AM
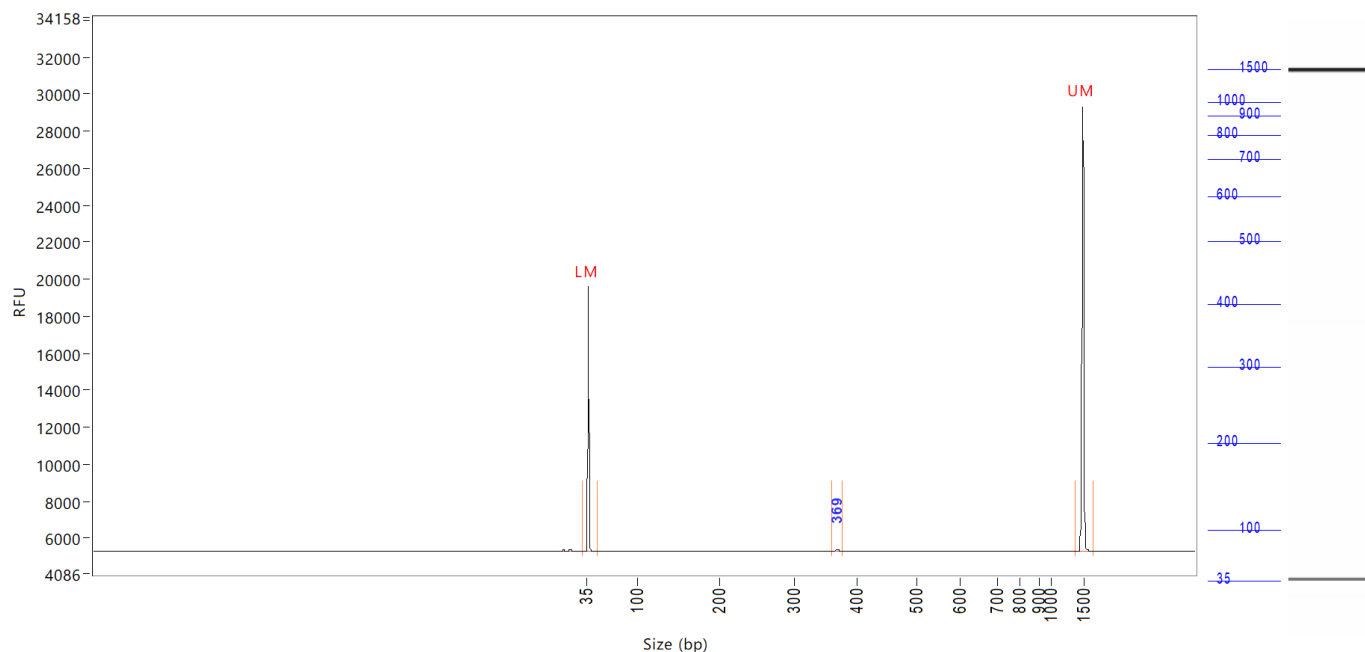
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3875	28	48	35	3.32	14319	43.280
2	369	0.0509	360	379	369	0.92	76	0.474
3	1500 (UM)	0.5000	1389	1660	1495	1.06	24048	55.842

TIC:	0.0509	ng/uL
TIM:	0.2272	nmole/L
Total Conc.:	0.6238	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0    Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000605
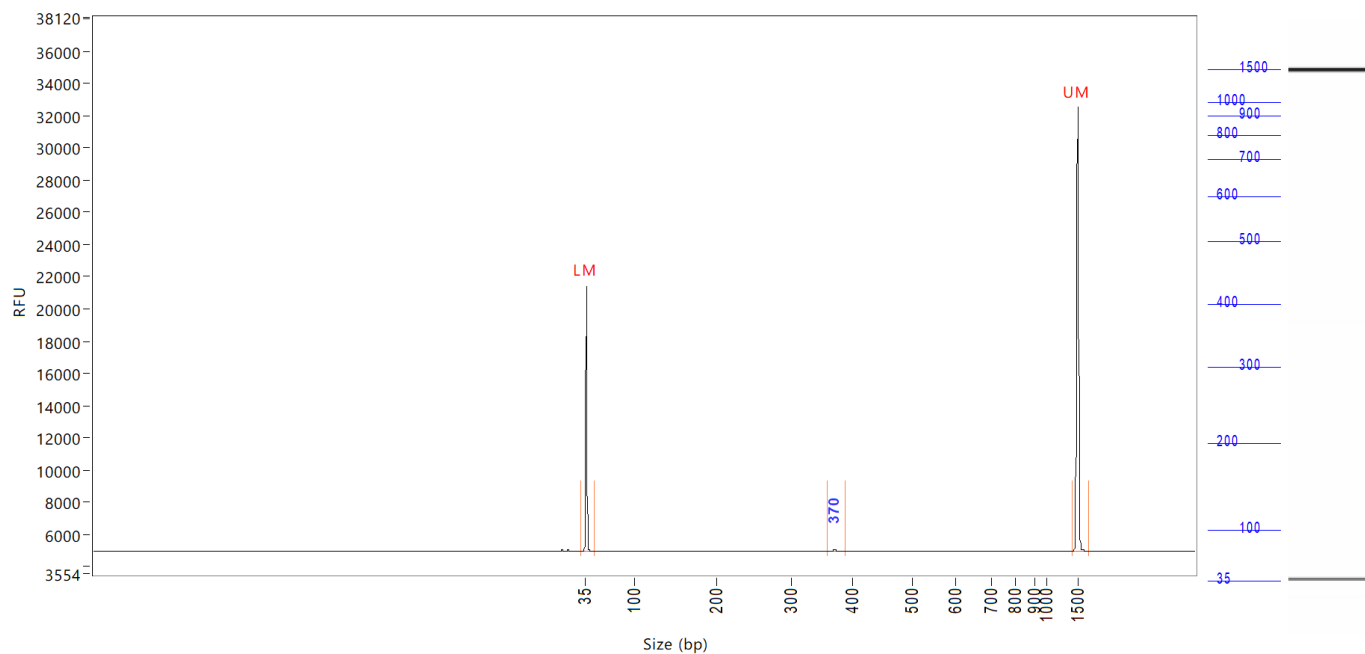**Well Location:** B8
Created: 10/28/2021 9:04 AM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.3786	29	46	35	3.19	16460	49.577
2	370	0.0516	360	388	372	1.73	66	0.563
3	1500 (UM)	0.5000	1426	1664	1496	1.07	27635	65.478

TIC:	0.0516	ng/uL
TIM:	0.2283	nmole/L
Total Conc.:	0.4891	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000606
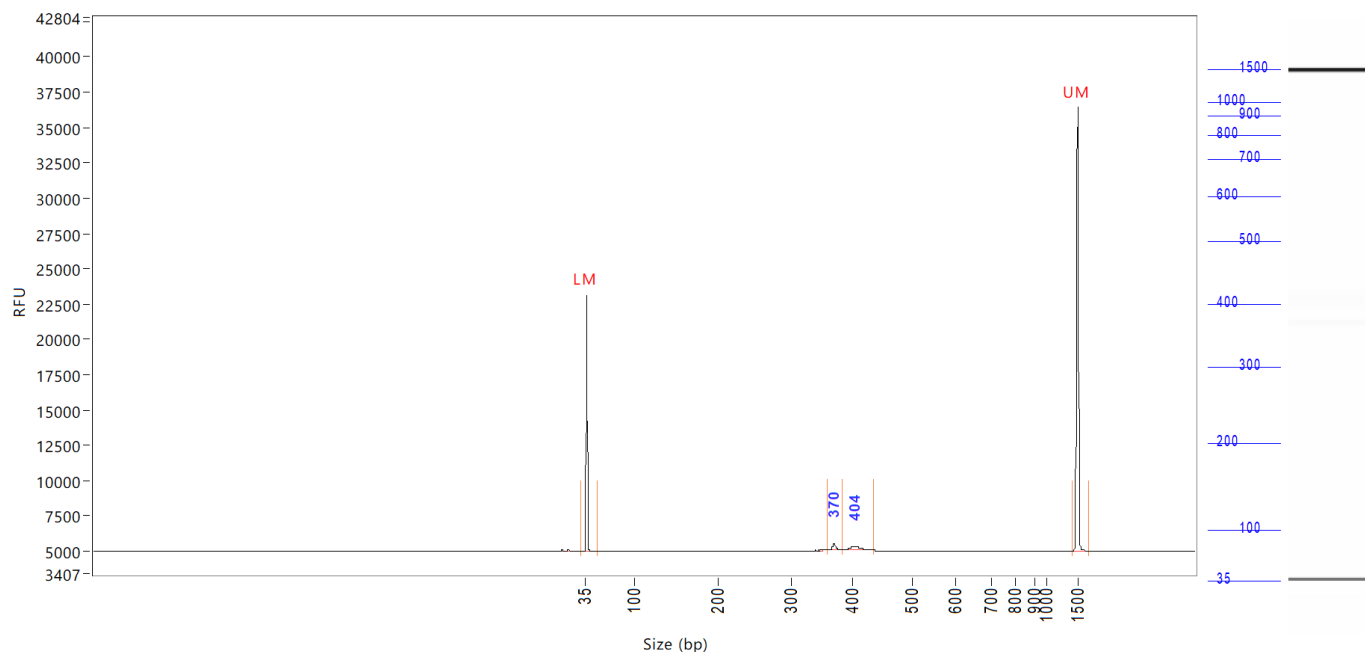**Well Location:** B9
Created: 10/28/2021 9:04 AM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.3848	28	50	35	3.31	18111	55.736
2	370	0.2398	360	384	371	1.15	488	2.895
3	404	0.4053	384	436	404	2.42	258	4.892
4	1500 (UM)	0.5000	1426	1664	1495	1.02	31482	72.419

TIC:	0.6452	ng/uL
TIM:	2.7142	nmole/L
Total Conc.:	0.9654	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000607
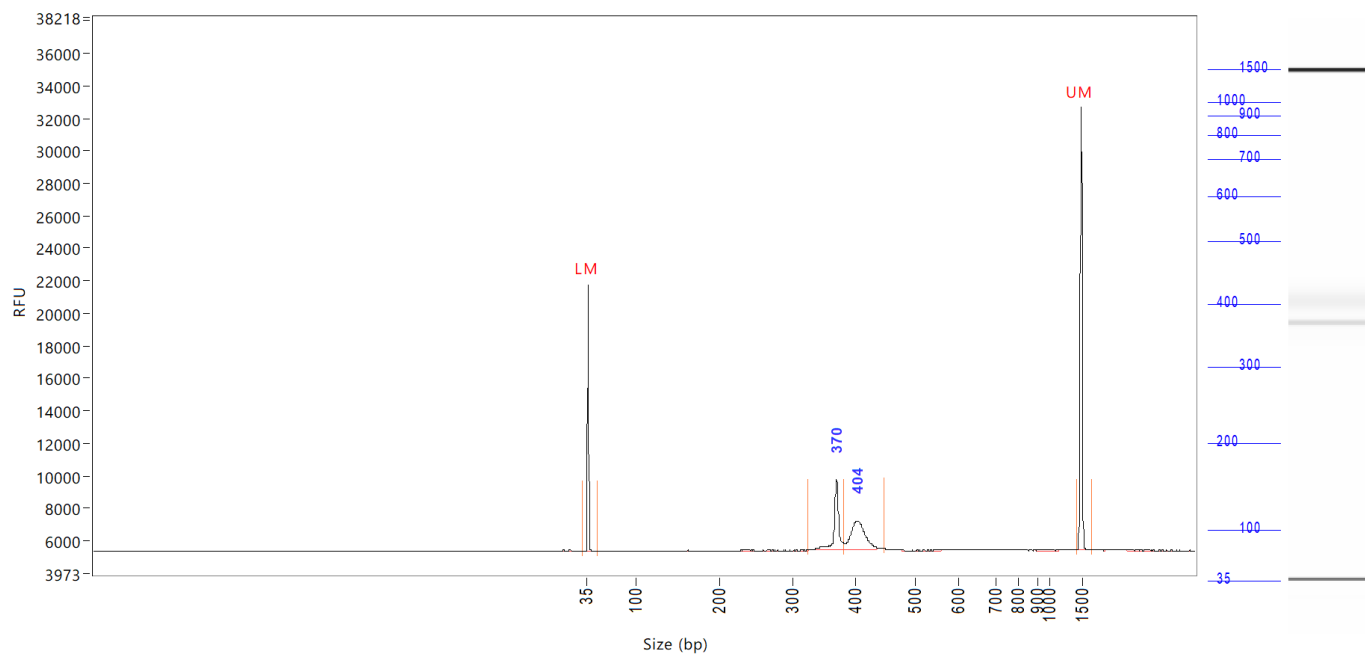**Well Location:** B10
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3934	29	49	35	3.36	16404	49.552
2	370	3.0108	325	383	367	2.49	4293	31.601
3	404	3.5833	383	448	405	2.81	1773	37.611
4	1500 (UM)	0.5000	1422	1668	1494	1.04	27336	62.975

TIC:	6.5941	ng/uL
TIM:	28.0542	nmole/L
Total Conc.:	6.9979	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000608
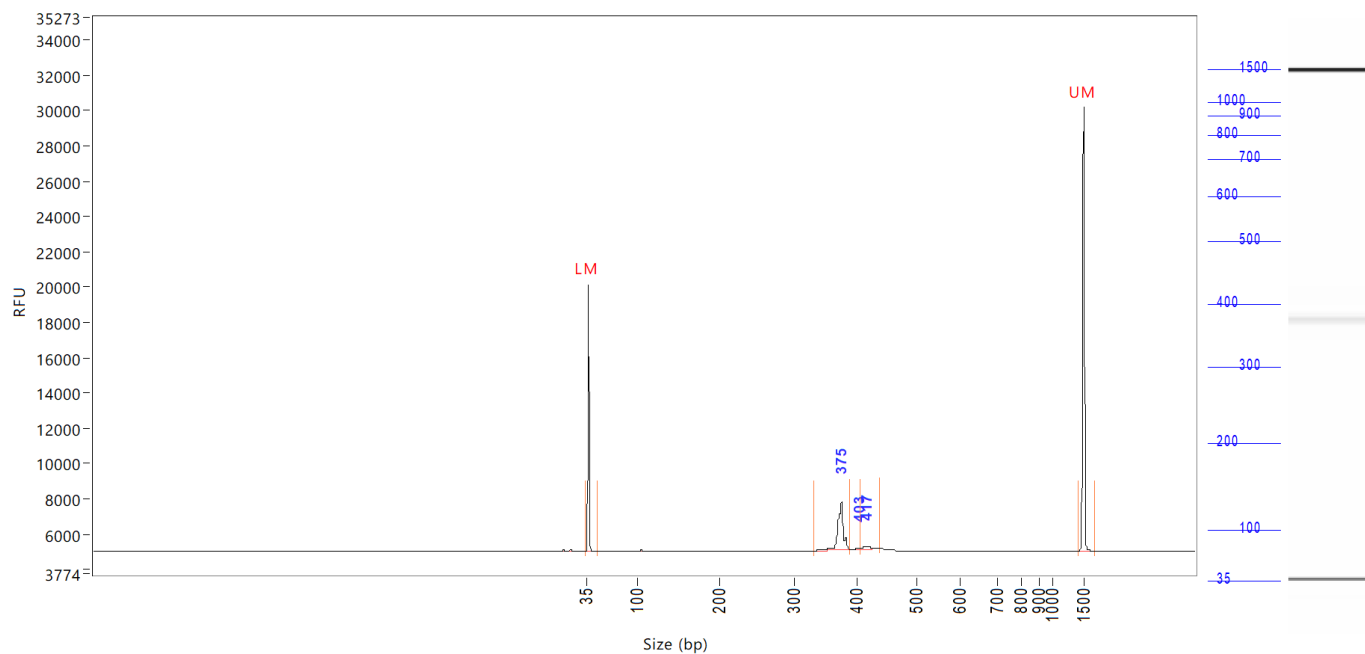**Well Location:** B11
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4010	31	47	35	3.30	15087	46.213
2	375	2.3781	333	389	372	2.02	2745	22.839
3	403	0.0525	389	407	401	1.11	71	0.504
4	417	0.1844	407	439	418	1.59	143	1.771
5	1500 (UM)	0.5000	1409	1664	1495	1.05	25180	57.623

|		
TIC:	2.6150	ng/uL
TIM:	11.4588	nmole/L
Total Conc.:	3.0487	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Ladder
Well Location: B12
Created: 10/28/2021 9:04 AM
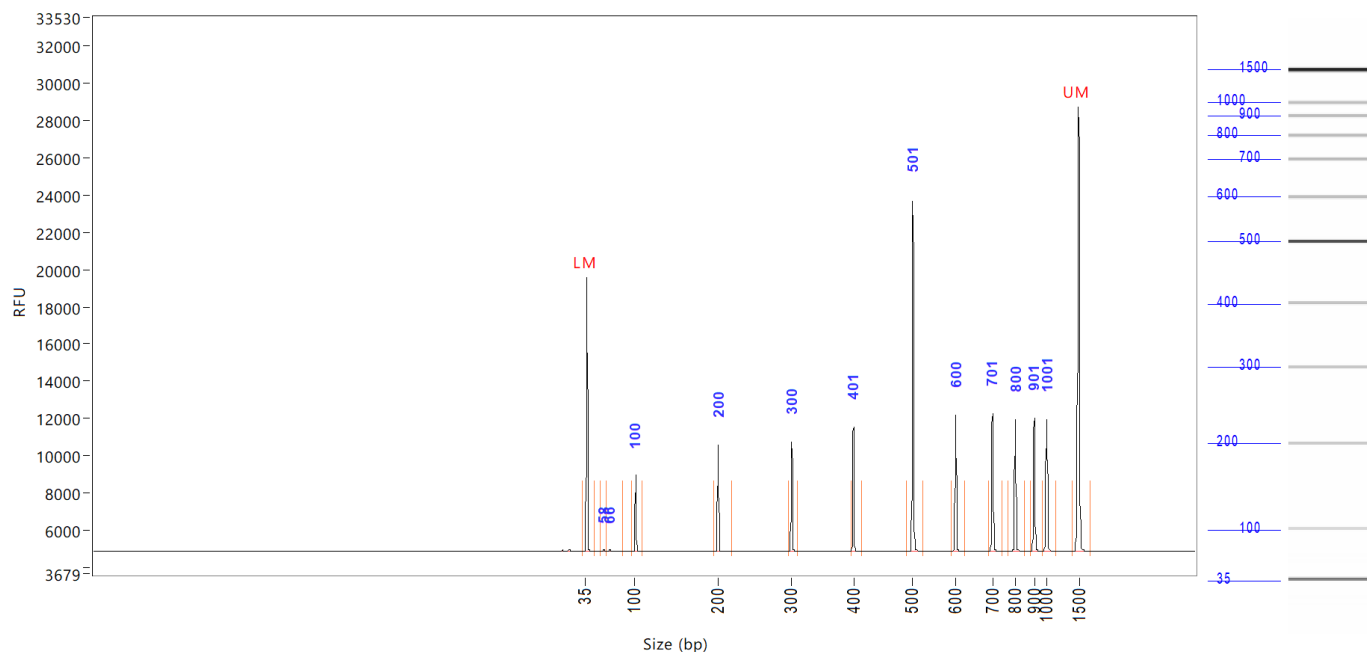
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4147	30	46	35	3.23	14718	45.081
2	58	0.0277	54	61	58	2.54	72	0.251
3	66	0.0445	61	83	69	7.28	66	0.403
4	100	1.1324	94	109	100	1.12	4087	10.258
5	200	1.3925	195	220	200	0.69	5715	12.614
6	300	1.3910	297	310	300	0.41	5858	12.600
7	401	1.4534	397	416	400	0.36	6660	13.166
8	501	4.0987	490	523	500	0.36	18799	37.128
9	600	1.5893	592	624	600	0.37	7313	14.396
10	701	1.5829	690	742	701	0.44	7391	14.339
11	800	1.5707	770	846	799	0.51	7046	14.228
12	901	1.5829	882	962	901	0.62	7119	14.338
13	1001	1.5780	962	1141	1001	1.10	7031	14.294
14	1500 (UM)	0.5000	1401	1689	1497	1.03	23866	54.351

TIC: 17.4440   ng/uL
TIM: 75.7748   nmole/L
Total Conc.: 17.7907   ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0
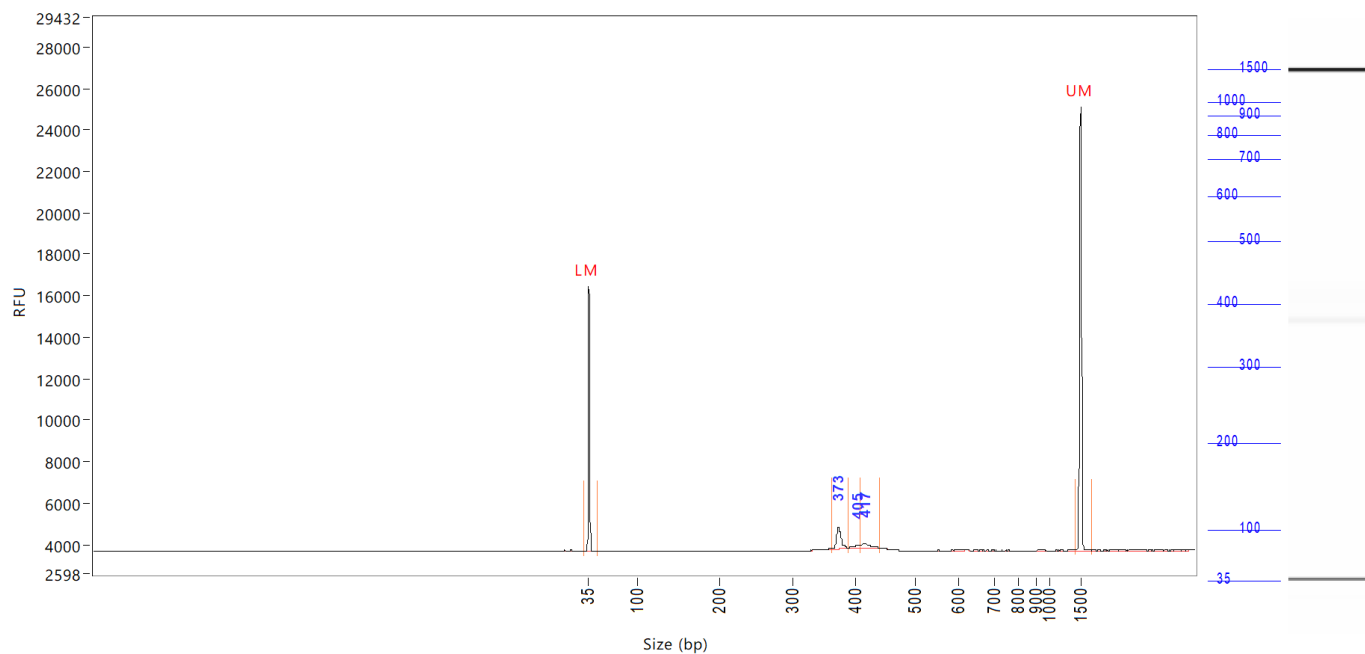
Sample: Oemik-000609
Well Location: C1
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3986	29	48	35	3.34	12784	38.882
2	373	0.9677	362	388	374	1.17	1039	7.866
3	405	0.2210	388	408	401	1.39	178	1.796
4	417	0.3730	408	443	419	1.77	217	3.031
5	1500 (UM)	0.5000	1413	1677	1497	1.05	21428	48.768

|		
TIC:	1.5617	ng/uL
TIM:	6.6283	nmole/L
Total Conc.:	1.9806	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000610
**Well Location:** C2
Created: 10/28/2021 9:04 AM
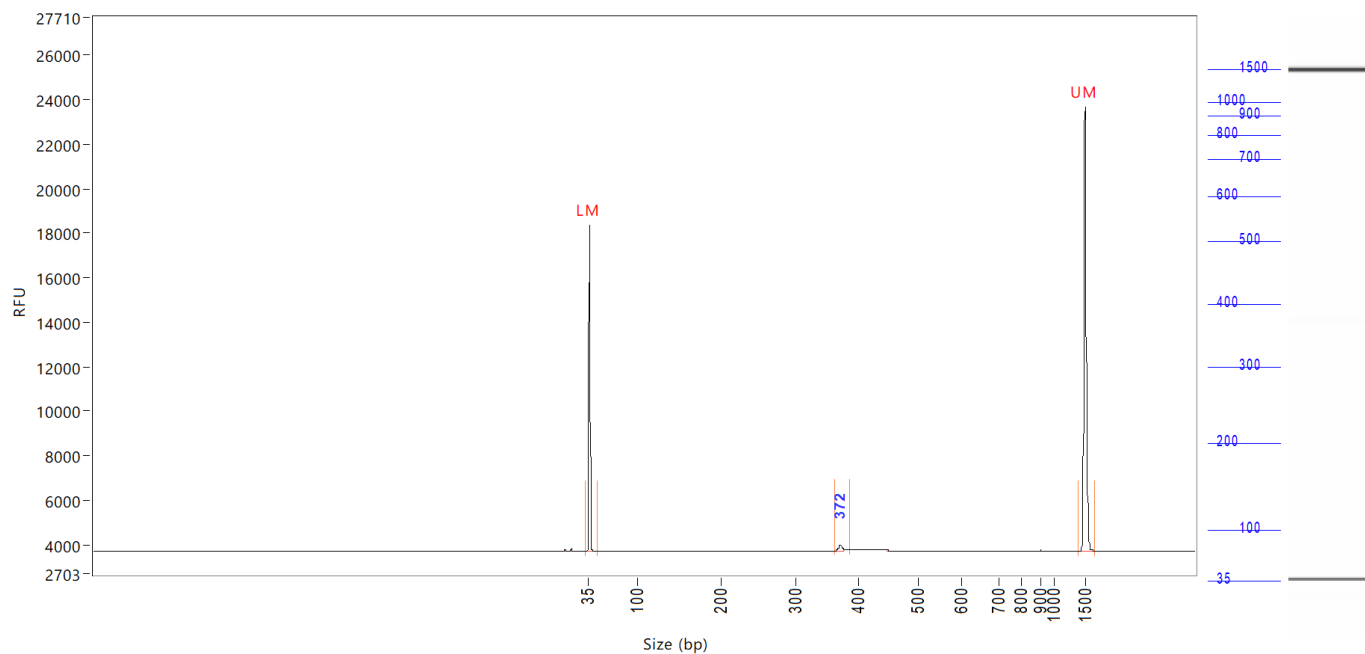
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3877	31	47	35	3.14	14622	43.977
2	372	0.1412	363	388	372	0.91	228	1.335
3	1500 (UM)	0.5000	1393	1652	1500	1.35	19985	56.714

TIC:	0.1412	ng/uL
TIM:	0.6246	nmole/L
Total Conc.:	0.5789	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000611
**Well Location:** C3
Created: 10/28/2021 9:04 AM
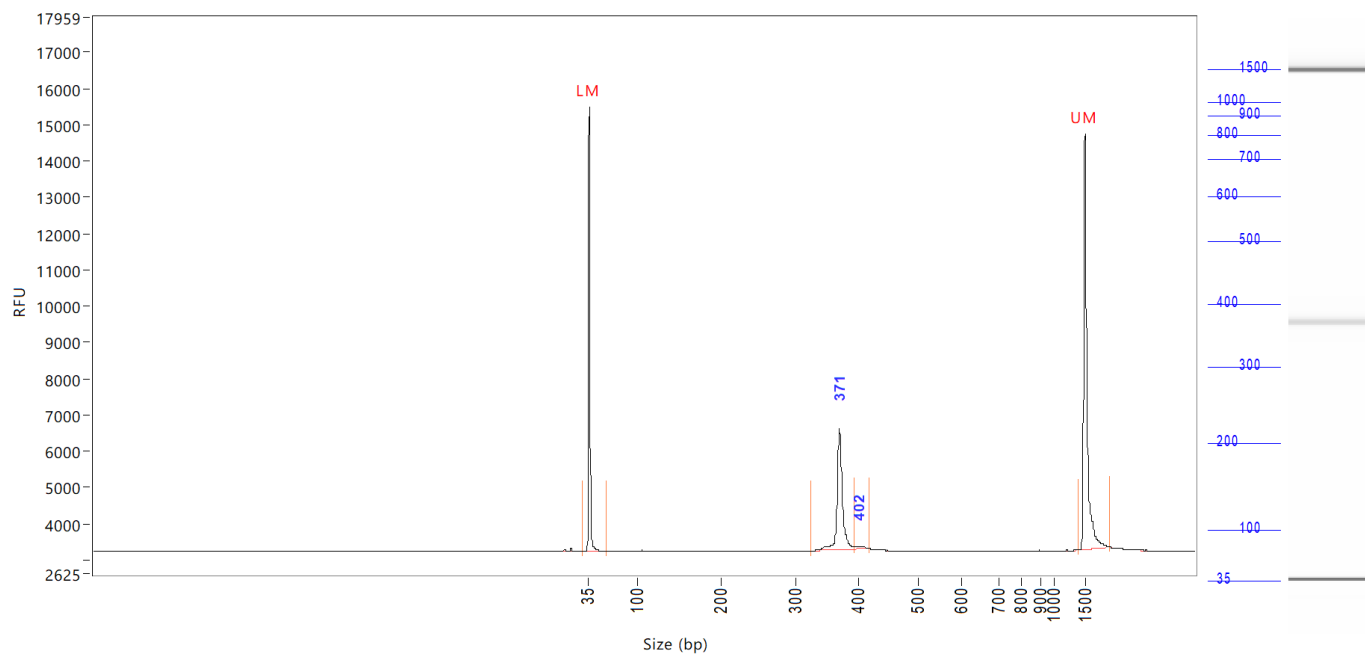
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4482	27	58	35	5.38	12258	40.459
2	371	3.6281	325	395	370	2.01	3329	27.294
3	402	0.1212	395	419	404	1.43	72	0.912
4	1500 (UM)	0.5000	1401	1878	1520	3.64	11474	45.139

TIC:	3.7492	ng/uL
TIM:	16.6257	nmole/L
Total Conc.:	4.1145	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000612
**Well Location:** C4
Created: 10/28/2021 9:04 AM
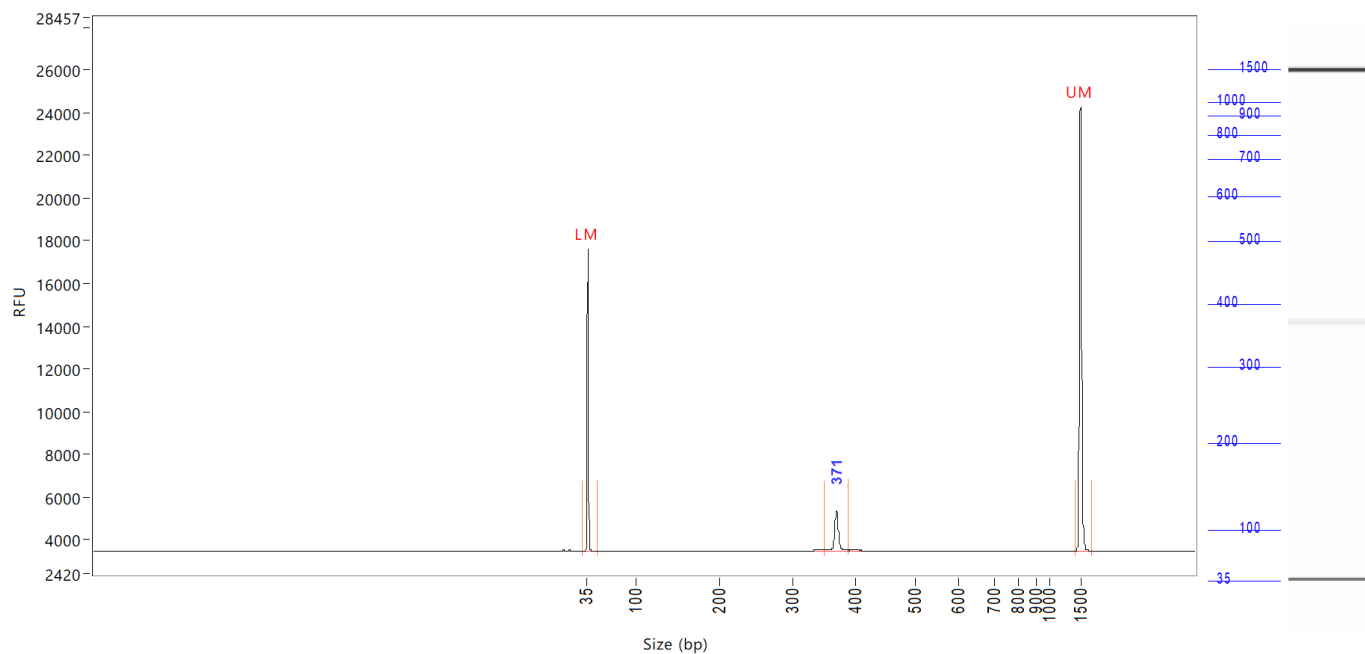
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.4007	29	49	35	3.20	14151	42.804
2	371	1.2435	352	389	370	1.14	1861	11.070
3	1500 (UM)	0.5000	1413	1677	1496	1.26	20810	53.416

TIC:	1.2435	ng/uL
TIM:	5.5292	nmole/L
Total Conc.:	1.6433	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000613
**Well Location:** C5
Created: 10/28/2021 9:04 AM
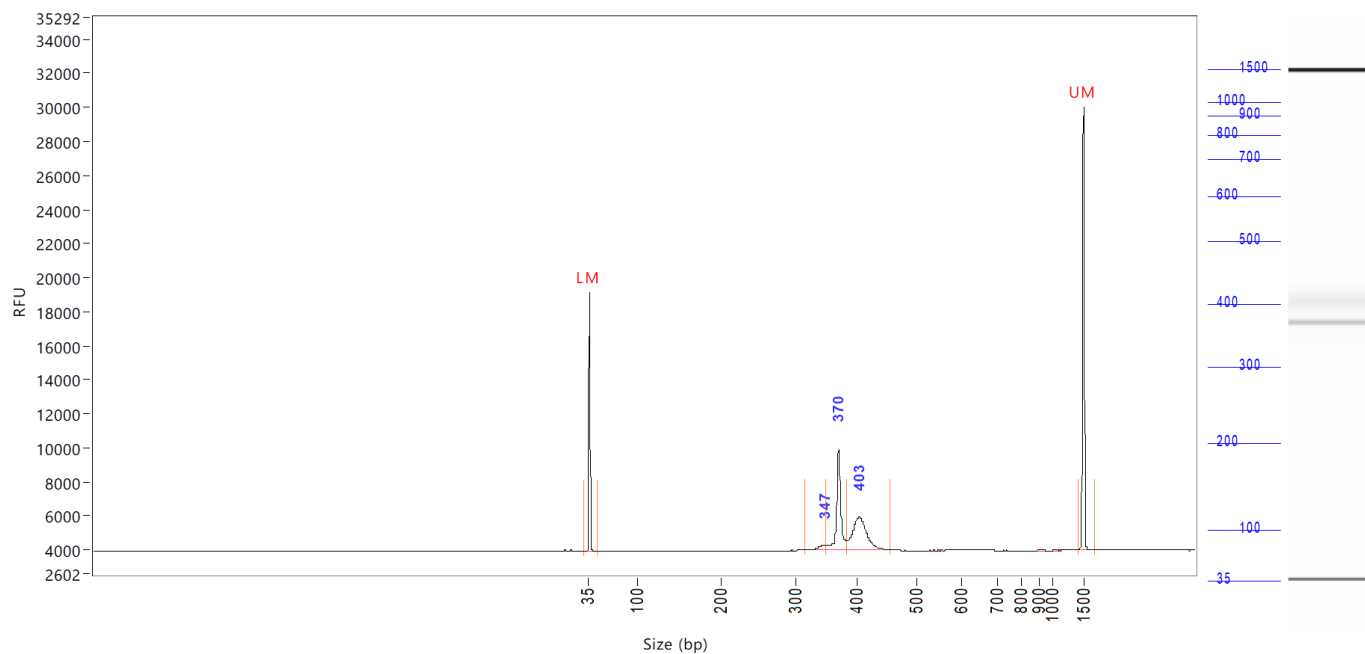
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.3842	28	47	35	3.16	15172	45.615
2	347	0.4056	317	351	341	2.26	294	4.013
3	370	4.0052	351	383	370	1.44	5944	39.627
4	403	4.2049	383	457	405	2.96	1961	41.603
5	1500 (UM)	0.5000	1409	1673	1493	1.03	26090	59.363

TIC:	8.6158	ng/uL
TIM:	36.8486	nmole/L
Total Conc.:	8.9367	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50      Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3          Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500     Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker           Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000614
Well Location: C6
**Created:** 10/28/2021 9:04 AM
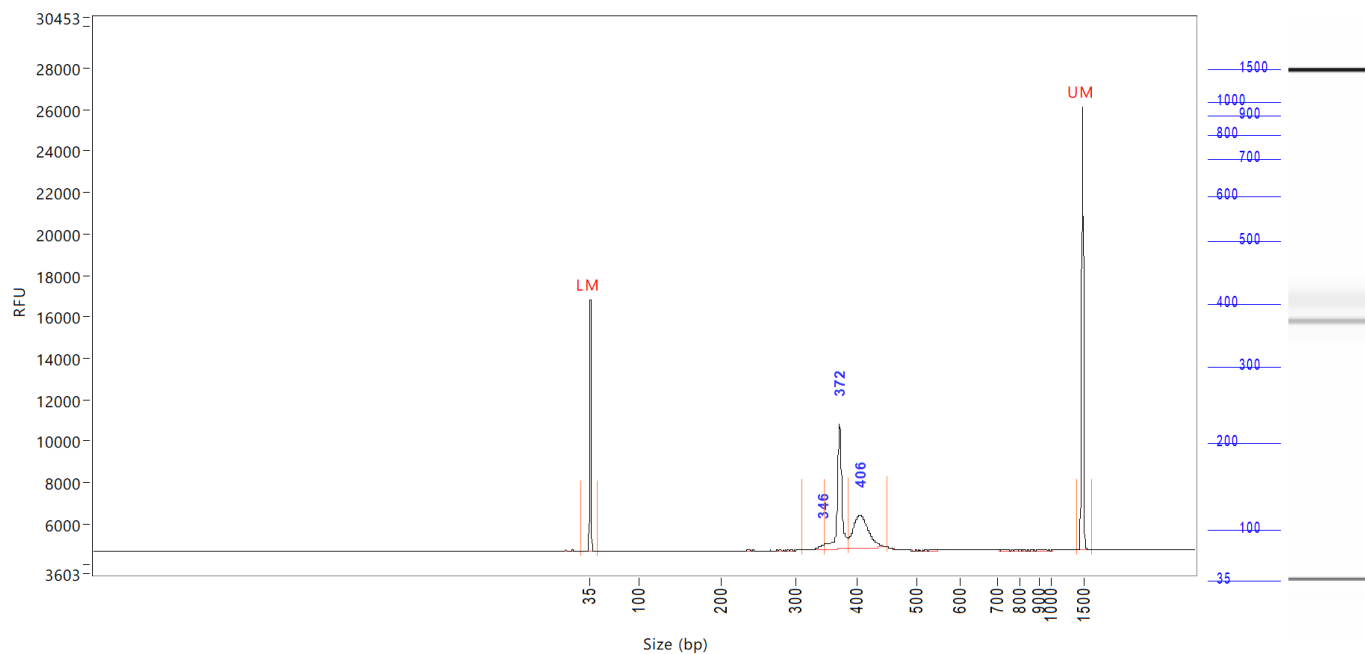
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3750	23	46	35	3.42	12134	37.395
2	346	0.2200	312	347	340	1.80	229	1.828
3	372	5.2518	347	386	371	1.74	6027	43.641
4	406	4.4406	386	450	408	2.94	1605	36.900
5	1500 (UM)	0.5000	1405	1652	1494	1.05	21426	49.858

TIC:	9.9124	ng/uL
TIM:	42.2609	nmole/L
Total Conc.:	10.3502	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000615
**Well Location:** C7
Created: 10/28/2021 9:04 AM
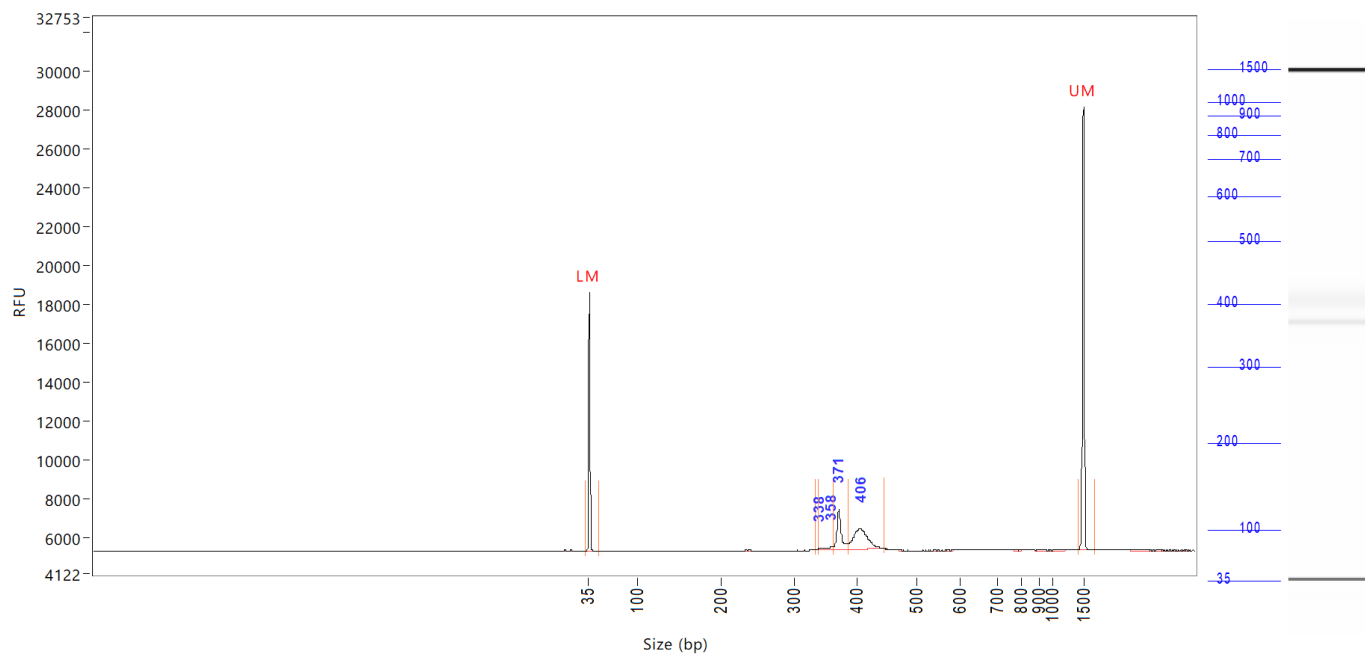
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3892	31	49	35	3.34	13286	40.694
2	338	0.0151	333	338	337	0.42	55	0.132
3	358	0.2291	338	361	351	1.82	129	1.997
4	371	1.6255	361	386	372	1.32	2038	14.165
5	406	2.6075	386	445	407	2.72	1061	22.722
6	1500 (UM)	0.5000	1418	1668	1495	1.05	22855	52.286

TIC:	4.4772	ng/uL
TIM:	18.8774	nmole/L
Total Conc.:	5.0187	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000616
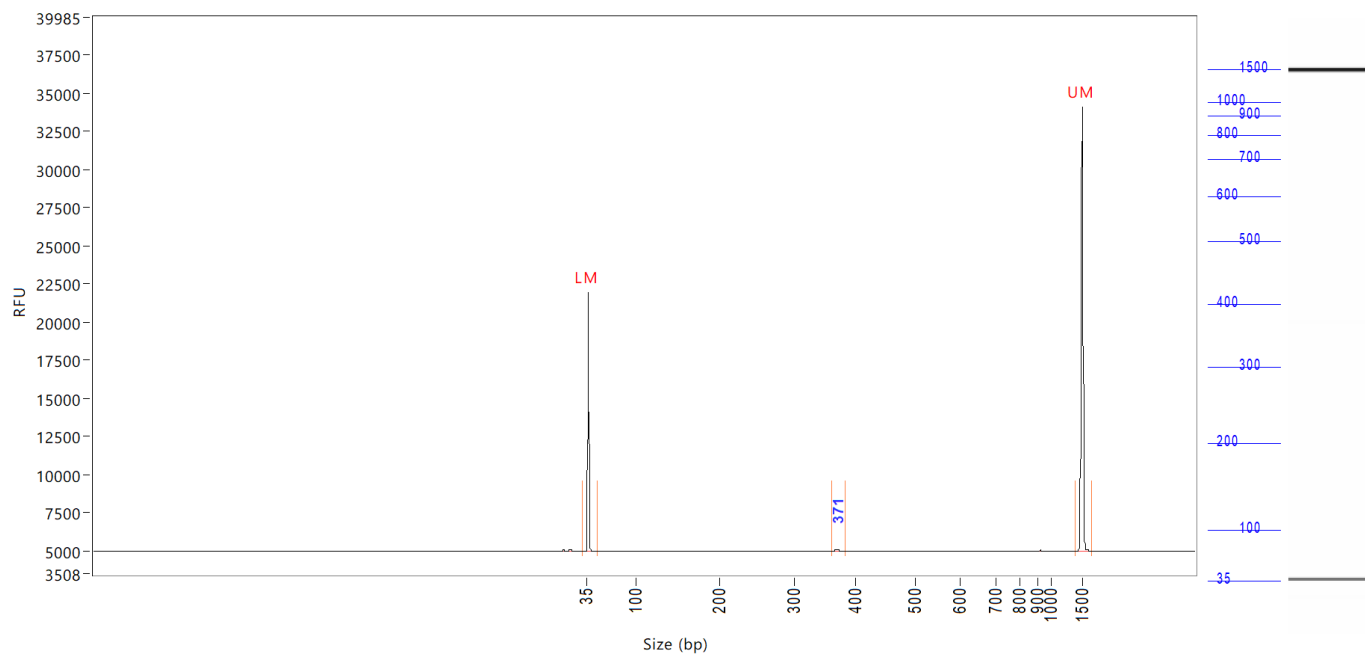**Well Location:** C8
Created: 10/28/2021 9:04 AM
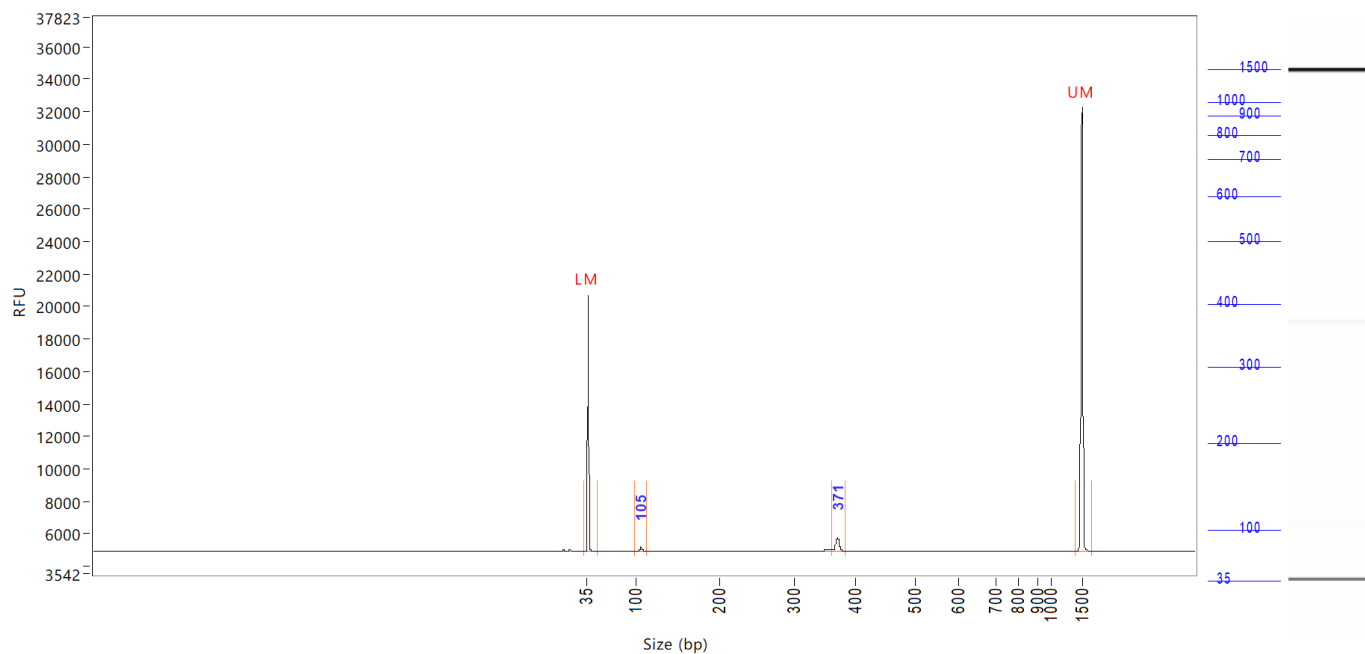
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3821	29	49	35	3.34	15768	47.721
2	105	0.1106	97	113	105	1.97	221	1.152
3	371	0.4381	362	383	370	0.76	841	4.560
4	1500 (UM)	0.5000	1393	1660	1496	1.02	27402	62.452

TIC:	0.5487	ng/uL
TIM:	3.6784	nmole/L
Total Conc.:	0.9843	ng/uL

Sample: Oemik-000617
Well Location: C9
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3839	28	48	35	3.20	16948	51.753
2	371	0.0427	362	383	370	0.99	75	0.479
3	1500 (UM)	0.5000	1393	1660	1496	1.06	29158	67.403

TIC:	0.0427	ng/uL
TIM:	0.1898	nmole/L
Total Conc.:	0.5143	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000618
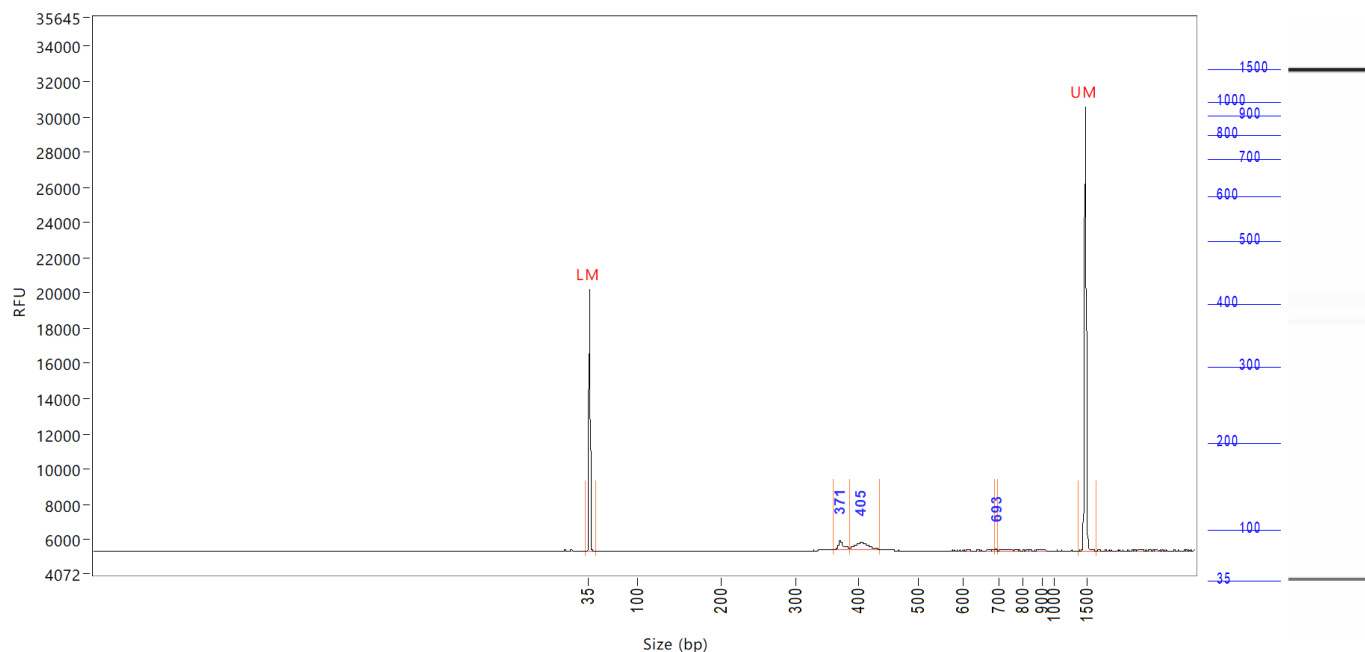**Well Location:** C10
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4015	30	44	35	3.03	14846	45.909
2	371	0.4137	361	387	373	1.45	494	3.941
3	405	0.8130	387	436	406	2.47	378	7.747
4	693	0.0173	689	699	692	0.23	104	0.165
5	1500 (UM)	0.5000	1397	1668	1495	1.04	25219	57.171

TIC:	1.2440	ng/uL
TIM:	5.1604	nmole/L
Total Conc.:	1.7563	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Date Printed: 10/29/2021 8:10 AM

Sample: Oemik-000619
Well Location: C11
Created: 10/28/2021 9:04 AM
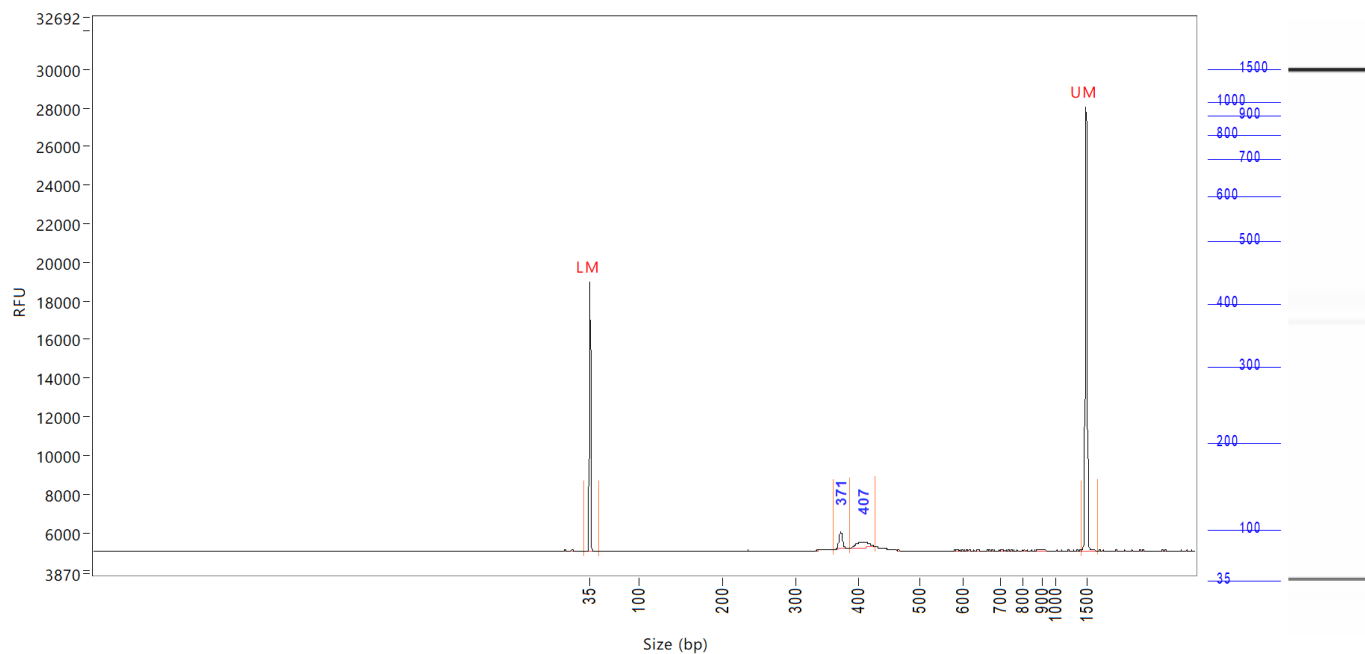
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.4004	28	48	35	3.33	13958	42.272
2	371	0.5643	359	386	371	0.90	848	4.965
3	407	0.6698	386	429	406	2.18	311	5.893
4	1500 (UM)	0.5000	1418	1685	1495	1.05	23021	52.785

|		
TIC:	1.2341	ng/uL
TIM:	5.2168	nmole/L
Total Conc.:	1.7942	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Ladder
Well Location: C12
Created: 10/28/2021 9:04 AM
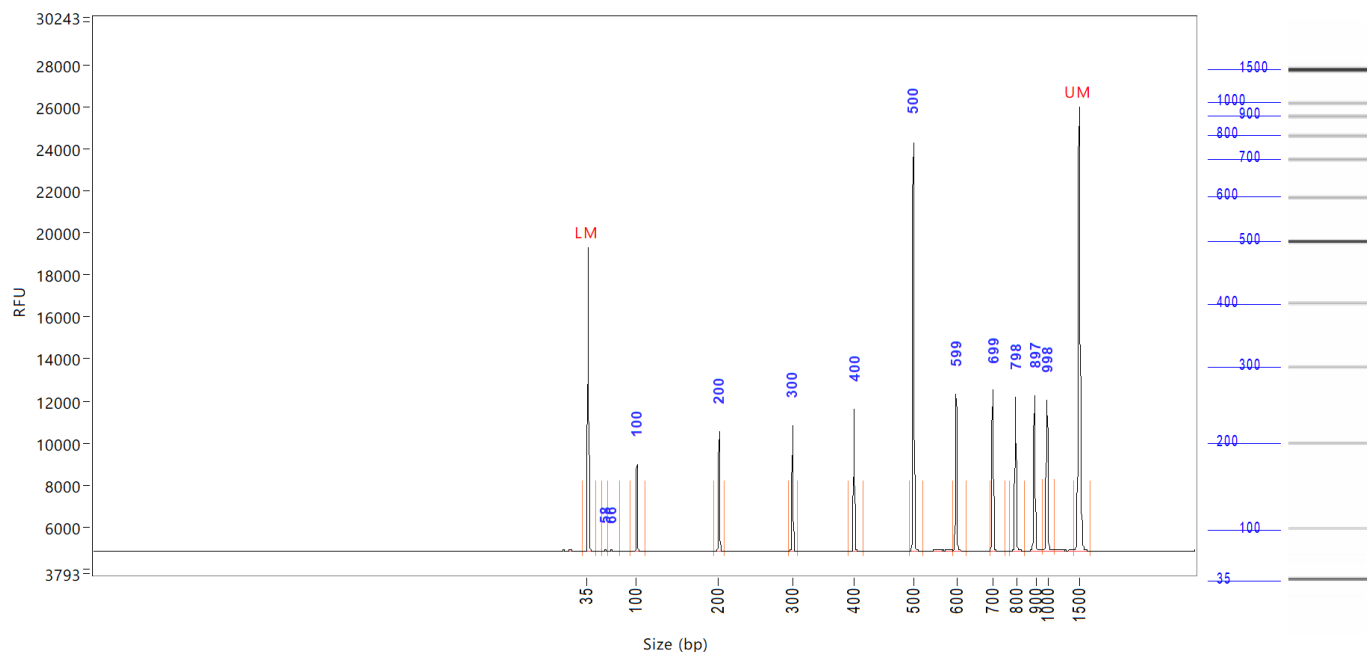
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4084	29	47	35	3.13	14444	43.820
2	58	0.0298	55	63	58	2.37	82	0.267
3	66	0.0347	63	79	68	5.30	70	0.310
4	100	1.1721	93	110	100	1.10	4132	10.481
5	200	1.4279	194	208	200	0.49	5685	12.769
6	300	1.4344	295	309	300	0.35	5995	12.826
7	400	1.5064	391	415	399	0.32	6770	13.470
8	500	4.2422	495	524	499	0.31	19374	37.935
9	599	1.6639	592	626	598	0.35	7454	14.878
10	699	1.6520	692	751	699	0.47	7629	14.772
11	798	1.6440	775	847	797	0.49	7279	14.701
12	897	1.6827	847	960	897	0.77	7345	15.047
13	998	1.6538	960	1100	996	0.93	7167	14.788
14	1500 (UM)	0.5000	1426	1677	1497	1.25	21130	53.653

|			
TIC:	18.1439	ng/uL	
TIM:	78.4154	nmole/L	
Total Conc.:	18.5426	ng/uL	

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000620
Well Location: D1
Created: 10/28/2021 9:04 AM
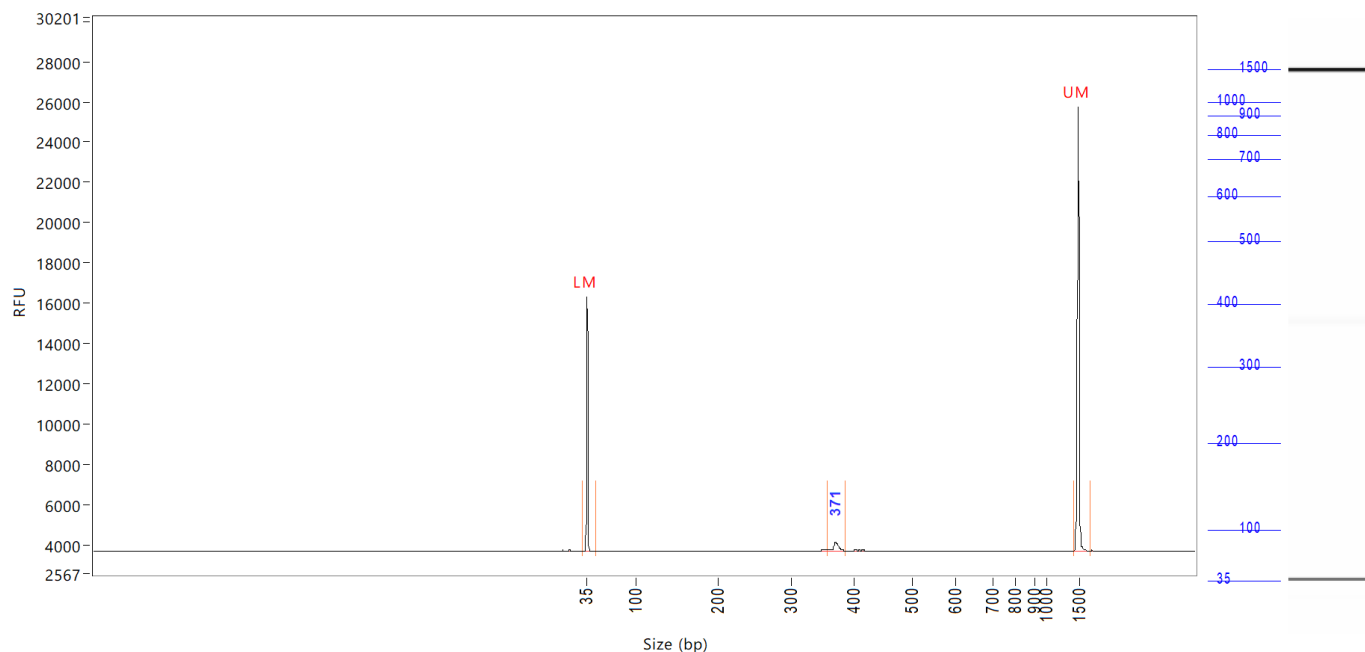
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3806	30	47	35	3.10	12634	38.979
2	371	0.3856	360	387	372	1.14	437	3.291
3	1500 (UM)	0.5000	1422	1681	1497	1.10	22079	51.204

|		
TIC:	0.3856	ng/uL
TIM:	1.7055	nmole/L
Total Conc.:	0.8394	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000621
Well Location: D2
Created: 10/28/2021 9:04 AM
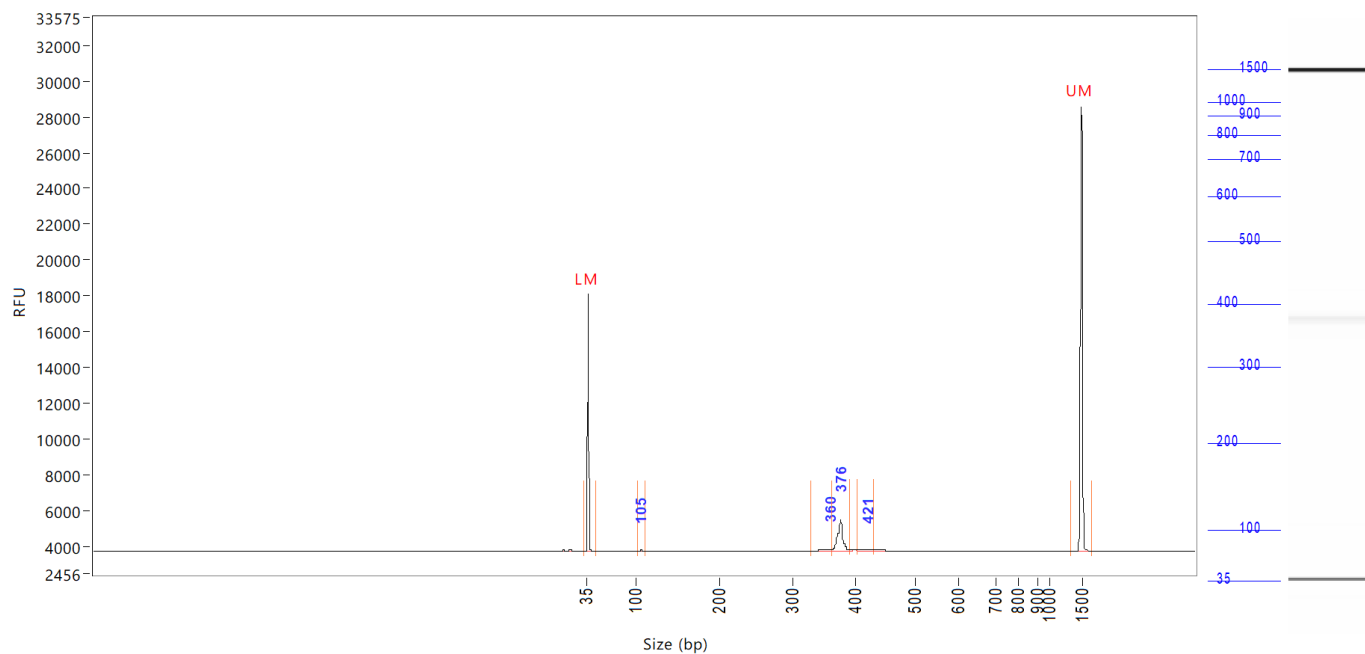
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3812	30	47	35	3.18	14362	43.337
2	105	0.0377	101	111	106	1.92	64	0.357
3	360	0.1333	329	361	351	2.17	89	1.263
4	376	1.3749	361	392	374	1.24	1763	13.026
5	421	0.0788	405	431	418	1.61	53	0.747
6	1500 (UM)	0.5000	1335	1656	1494	1.04	24872	56.842

|		
TIC:	1.6248	ng/uL
TIM:	7.5678	nmole/L
Total Conc.:	2.0069	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker           Final Concentration (ng/uL): 0.5000         Dilution Factor: 12.0
```

Sample: Oemik-000622
**Well Location:** D3
Created: 10/28/2021 9:04 AM
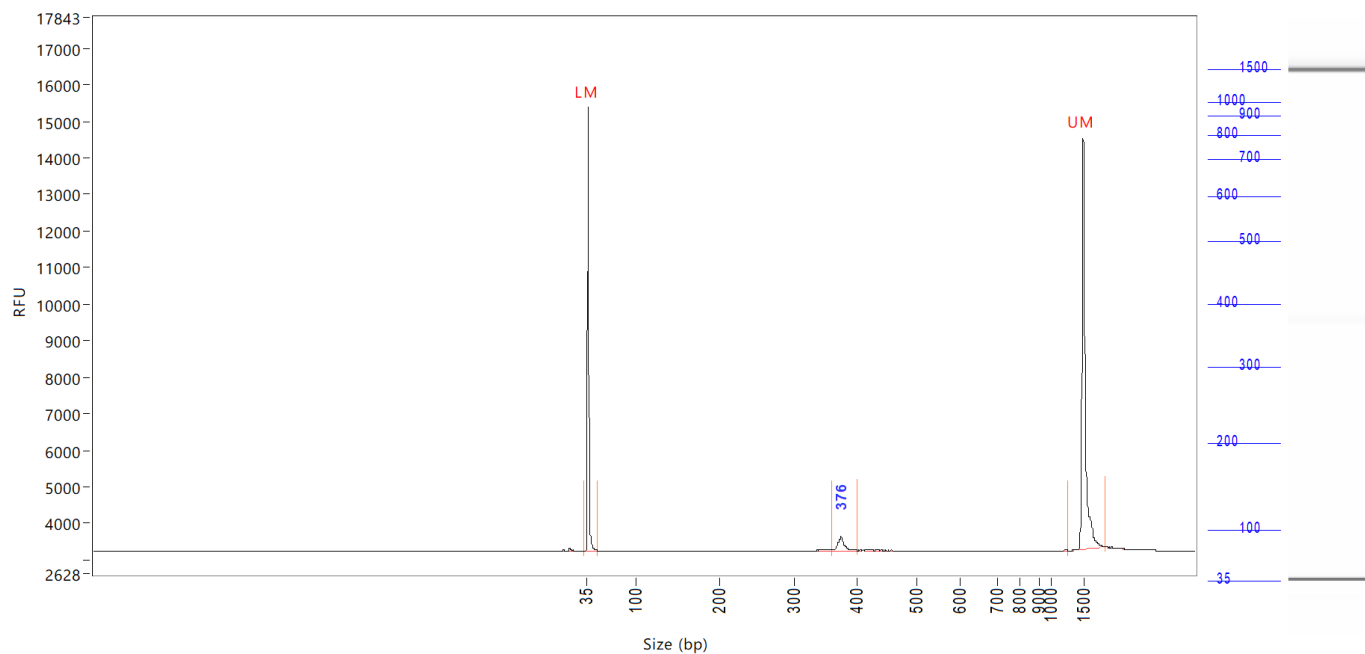
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.4581	30	48	35	4.49	12159	39.919
2	376	0.4806	361	403	375	1.50	378	3.490
3	1500 (UM)	0.5000	1269	1853	1519	3.32	11242	43.574
	TIC:	0.4806	ng/uL					
	TIM:	2.1084	nmole/L					
	Total Conc.:	0.9125	ng/uL					

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000623
**Well Location:** D4
Created: 10/28/2021 9:04 AM
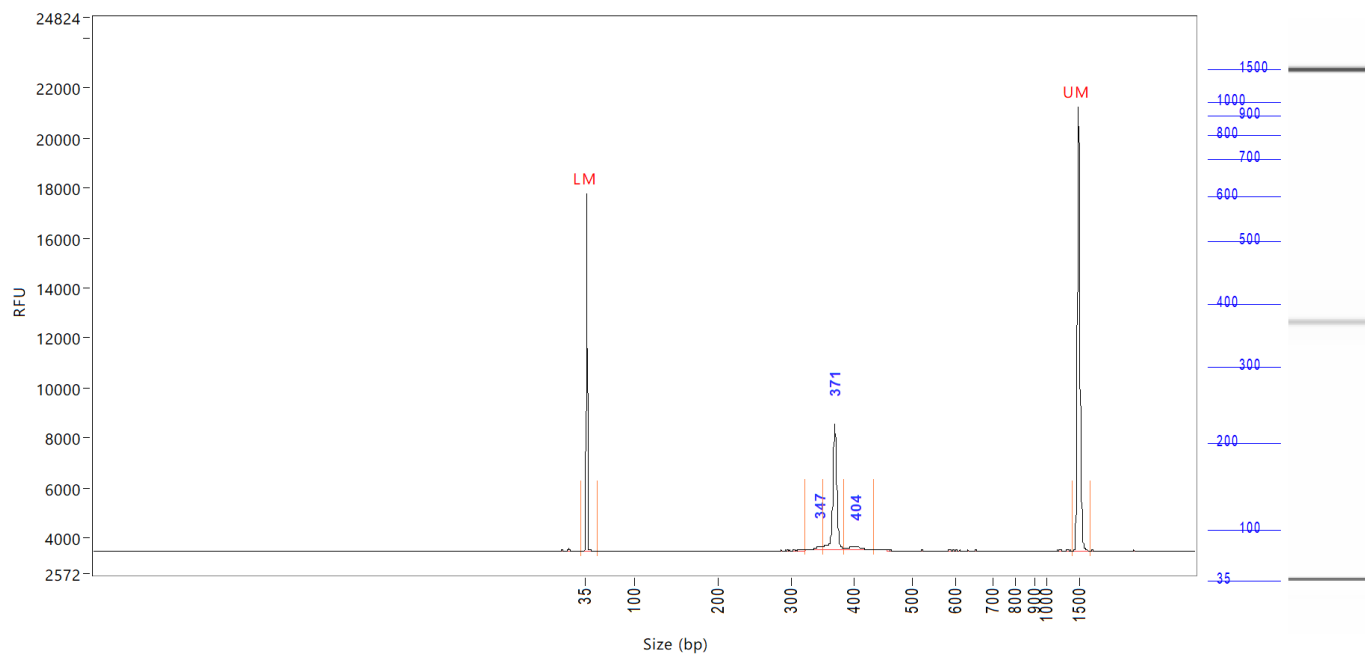
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3876	28	50	35	3.16	14316	43.233
2	347	0.2149	322	350	342	1.88	176	1.998
3	371	3.4390	350	386	369	1.29	5060	31.966
4	404	0.3309	386	435	404	2.53	147	3.076
5	1500 (UM)	0.5000	1401	1677	1501	1.48	17774	55.770

TIC:	3.9848	ng/uL
TIM:	17.7144	nmole/L
Total Conc.:	4.2830	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000624
**Well Location:** D5
Created: 10/28/2021 9:04 AM
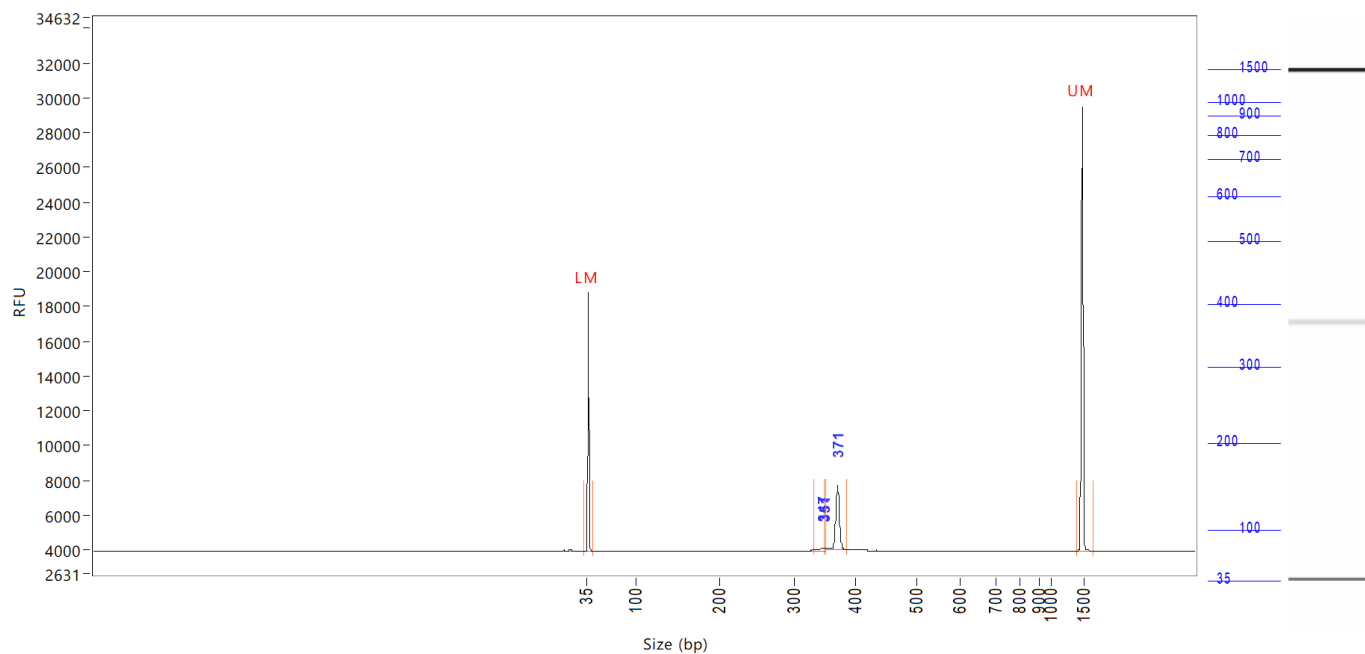
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3826	29	43	35	3.04	14875	44.717
2	347	0.0978	332	349	343	1.24	110	0.953
3	351	0.0341	349	352	351	0.31	105	0.332
4	371	2.2812	352	386	369	1.08	3740	22.221
5	1500 (UM)	0.5000	1413	1681	1494	1.05	25573	58.445

TIC:	2.4131	ng/uL
TIM:	10.7997	nmole/L
Total Conc.:	2.7994	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0    Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker              Final Concentration (ng/uL): 0.5000              Dilution Factor: 12.0
```

Sample: Oemik-000625
**Well Location:** D6
Created: 10/28/2021 9:04 AM
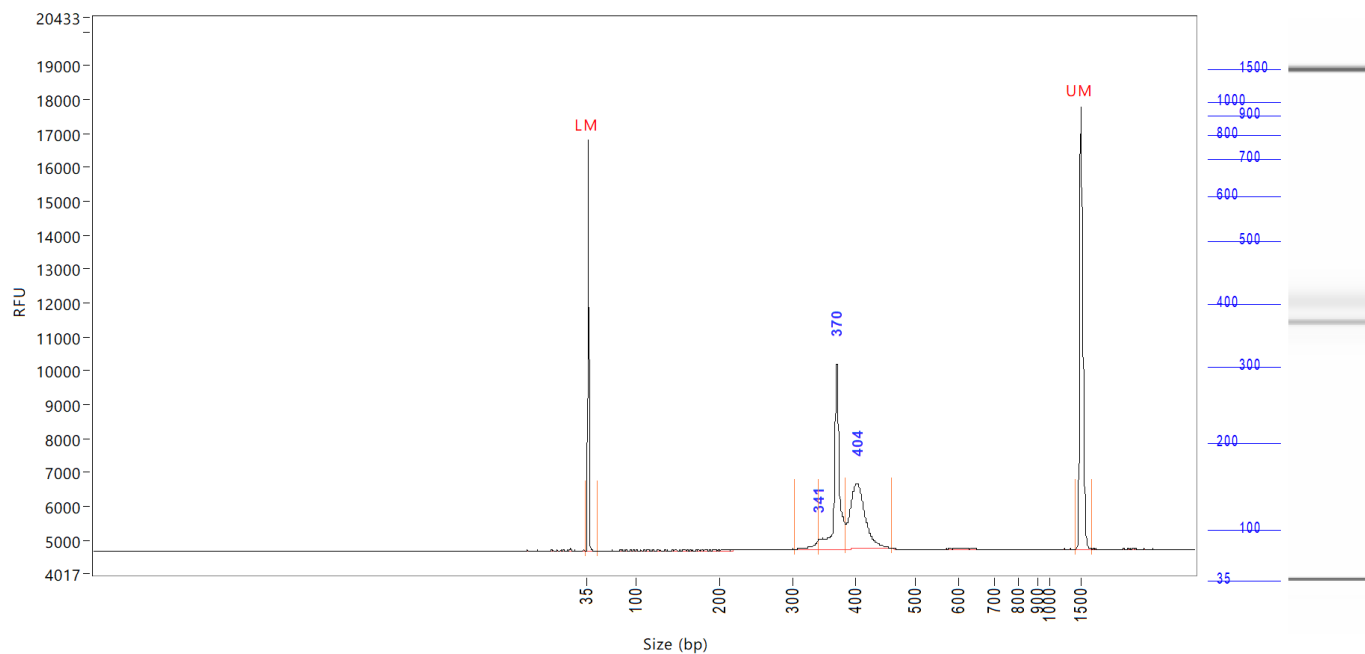
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3815	31	48	35	3.23	12145	36.777
2	341	0.3121	304	341	331	2.76	267	2.507
3	370	5.5626	341	385	369	2.24	5460	44.683
4	404	5.5304	385	462	406	3.21	1935	44.425
5	1500 (UM)	0.5000	1413	1668	1508	1.75	13074	48.197

TIC:	11.4051	ng/uL
TIM:	48.7639	nmole/L
Total Conc.:	11.8149	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000626
Well Location: D7
**Created:** 10/28/2021 9:04 AM
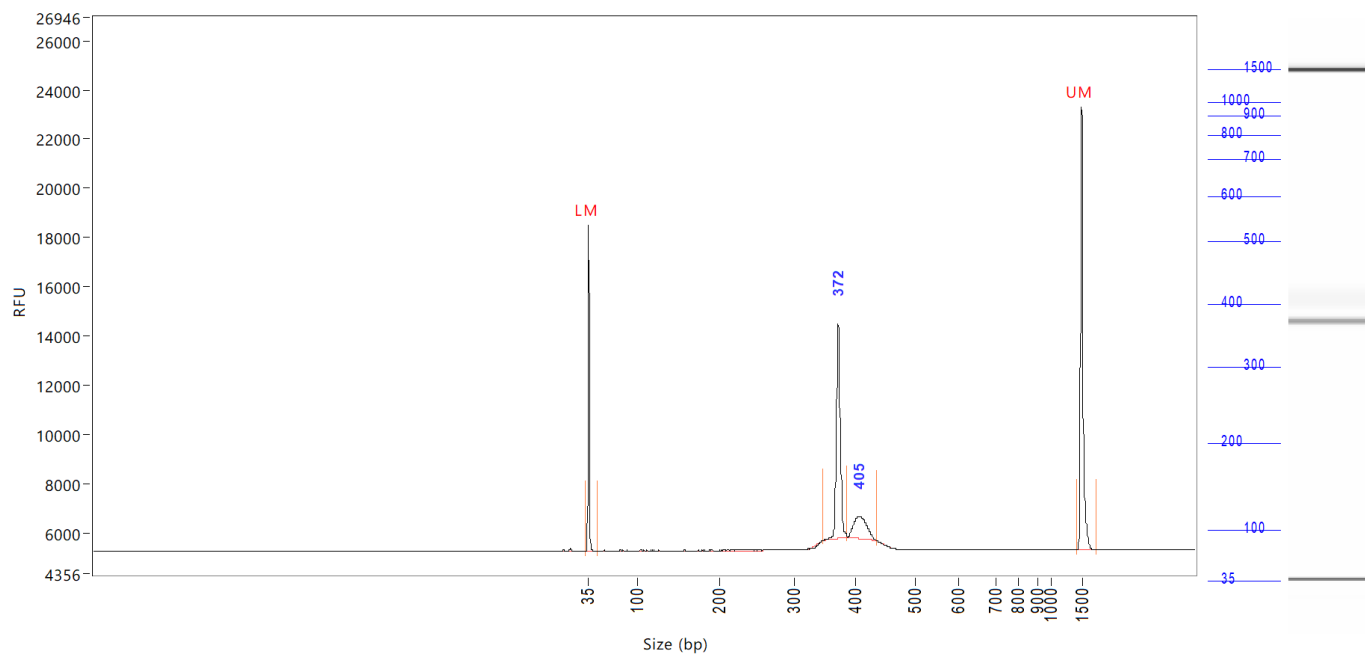
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3876	31	47	35	3.27	13211	40.190
2	372	6.0482	348	387	372	0.92	8682	52.259
3	405	2.0855	387	435	408	2.29	904	18.020
4	1500 (UM)	0.5000	1430	1738	1506	1.92	18015	51.843

TIC:	8.1337	ng/uL
TIM:	35.1588	nmole/L
Total Conc.:	8.6067	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000627
**Well Location:** D8
Created: 10/28/2021 9:04 AM
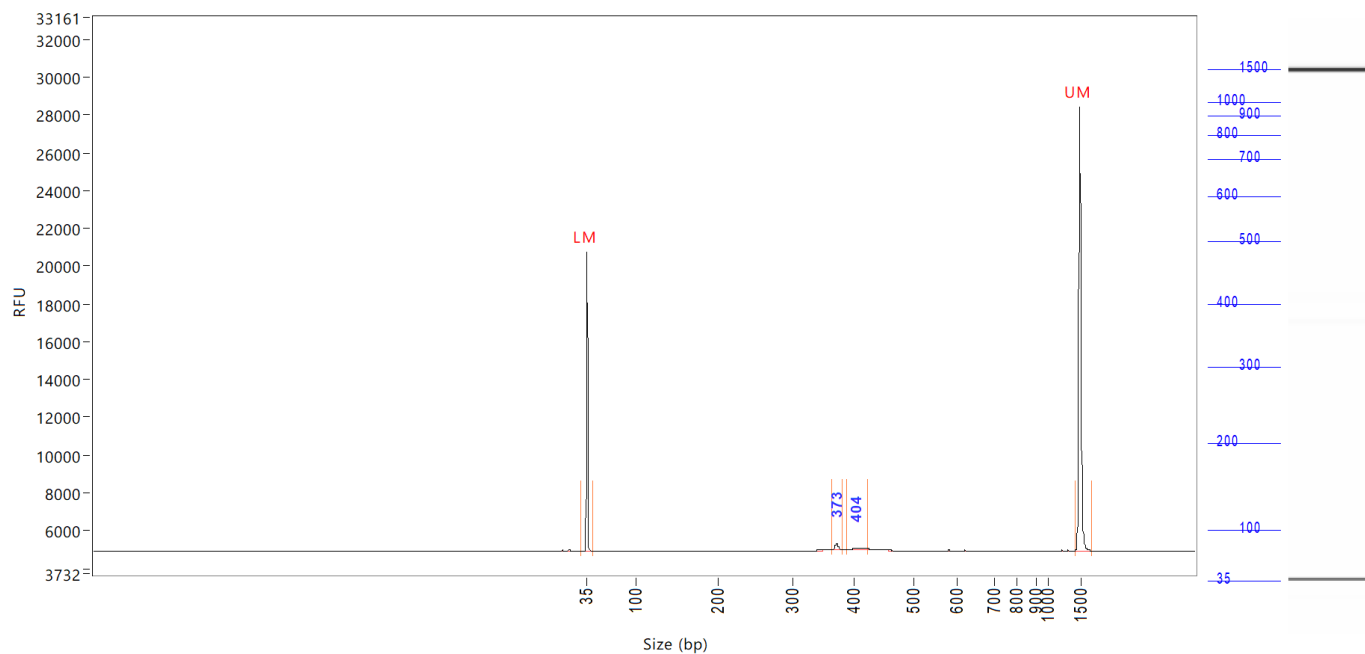
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3768	27	45	35	3.16	15842	47.883
2	373	0.1723	364	381	372	0.70	350	1.824
3	404	0.1177	388	423	407	2.11	70	1.246
4	1500 (UM)	0.5000	1426	1685	1500	1.38	23509	63.543

TIC:	0.2899	ng/uL
TIM:	1.2375	nmole/L
Total Conc.:	0.6992	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0    Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000628
**Well Location:** D9
Created: 10/28/2021 9:04 AM
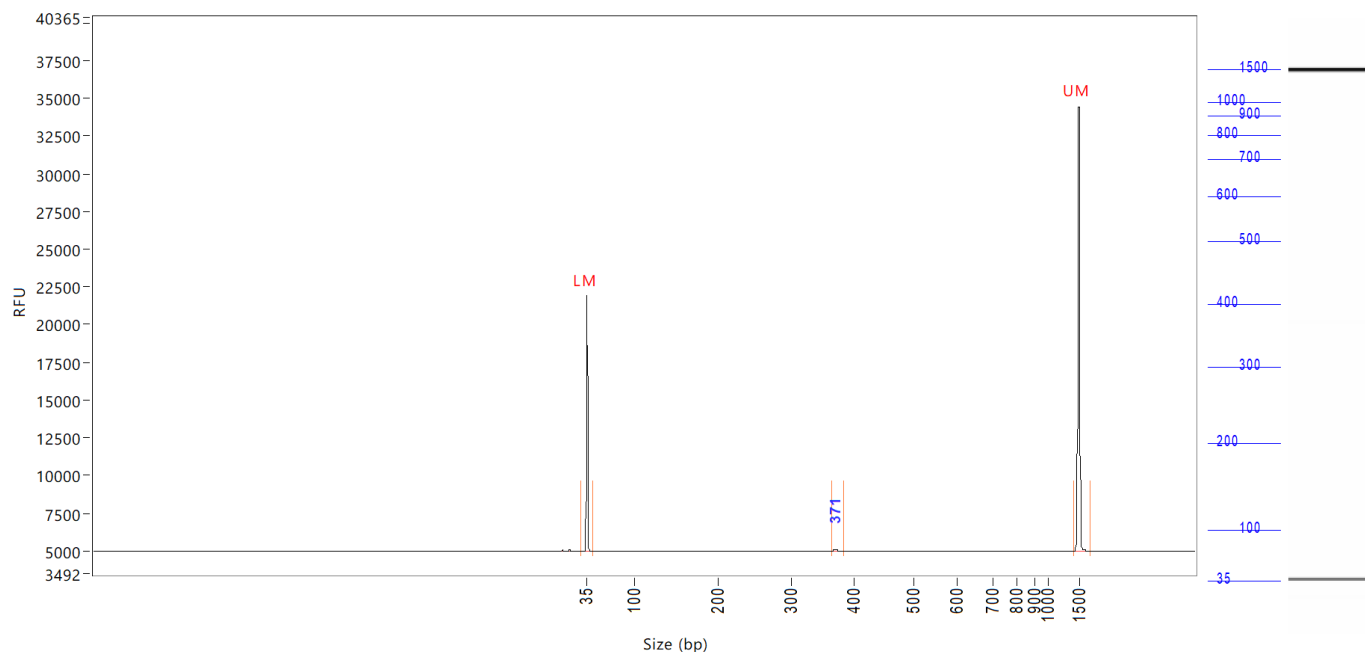
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3752	28	45	35	3.15	16926	51.419
2	371	0.0477	364	384	371	0.95	91	0.545
3	1500 (UM)	0.5000	1426	1673	1497	1.04	29469	68.526

TIC:	0.0477	ng/uL
TIM:	0.2117	nmole/L
Total Conc.:	0.4497	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000629
**Well Location:** D10
Created: 10/28/2021 9:04 AM
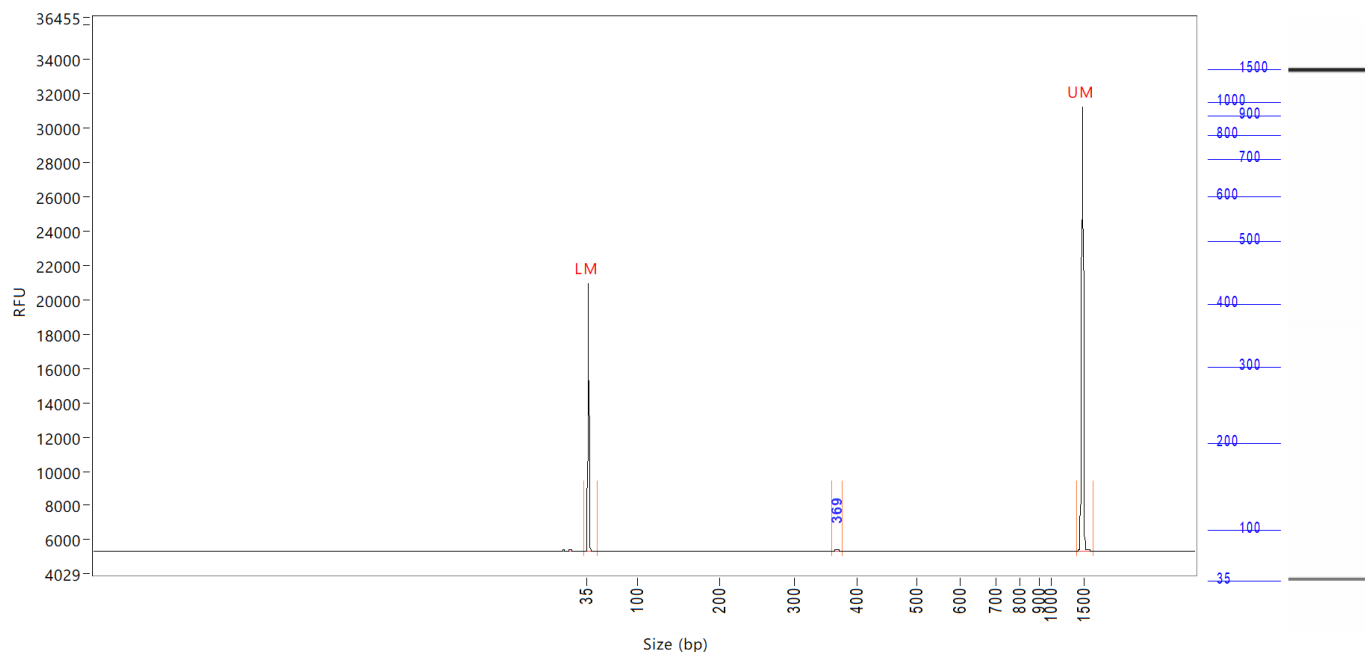
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3913	30	48	35	3.31	15556	47.181
2	369	0.0542	361	377	369	0.80	98	0.544
3	1500 (UM)	0.5000	1409	1664	1493	1.04	25909	60.289

TIC:	0.0542	ng/uL
TIM:	0.2415	nmole/L
Total Conc.:	0.5662	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker           Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000630
Well Location: D11
Created: 10/28/2021 9:04 AM
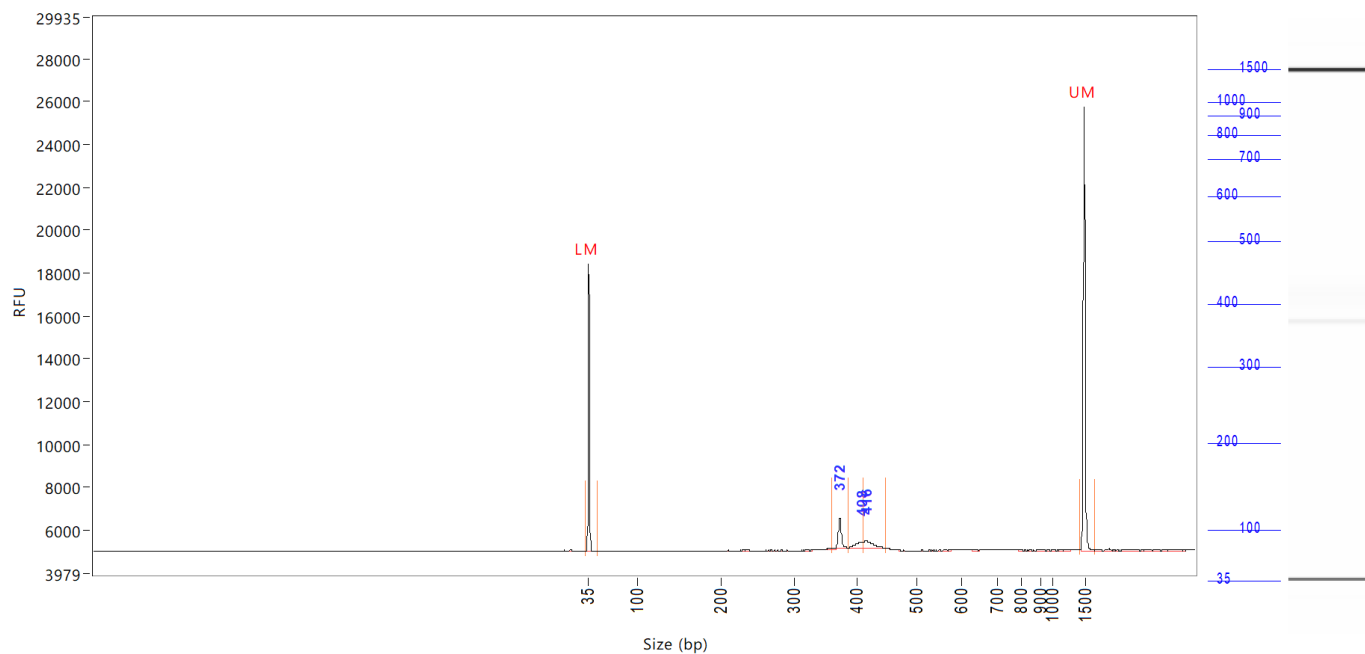
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4096	31	47	35	3.18	13391	40.944
2	372	0.8689	360	385	372	0.96	1453	7.238
3	408	0.4809	385	410	401	1.59	319	4.006
4	416	0.6185	410	449	422	2.04	358	5.152
5	1500 (UM)	0.5000	1430	1664	1497	1.14	20722	49.981

|		
TIC:	1.9683	ng/uL
TIM:	8.2275	nmole/L
Total Conc.:	2.5494	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Ladder
Well Location: D12
Created: 10/28/2021 9:04 AM
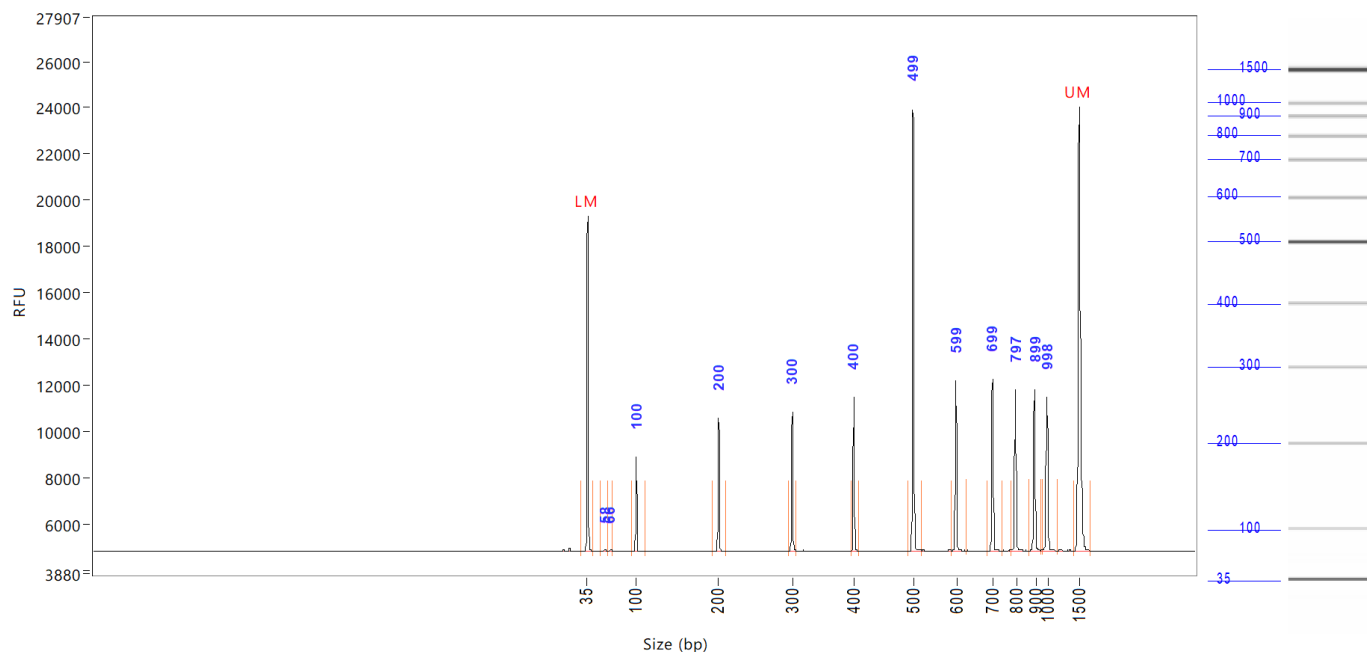
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4003	27	44	35	3.18	14464	43.902
2	58	0.0343	54	62	58	2.76	76	0.314
3	66	0.0265	62	68	65	2.01	60	0.242
4	100	1.1415	94	112	100	1.25	4076	10.433
5	200	1.4038	193	210	199	0.53	5763	12.830
6	300	1.3992	295	308	299	0.35	6003	12.787
7	400	1.4615	395	409	399	0.30	6660	13.357
8	499	4.1617	492	519	499	0.31	19032	38.035
9	599	1.6251	590	629	598	0.36	7337	14.852
10	699	1.6106	684	737	698	0.40	7414	14.719
11	797	1.6111	782	865	796	0.62	6967	14.724
12	899	1.6117	868	945	897	0.57	6925	14.730
13	998	1.6069	966	1145	996	1.07	6605	14.686
14	1500 (UM)	0.5000	1409	1668	1500	1.46	19196	54.835

TIC:	17.6940	ng/uL
TIM:	76.6425	nmole/L
Total Conc.:	18.0868	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```
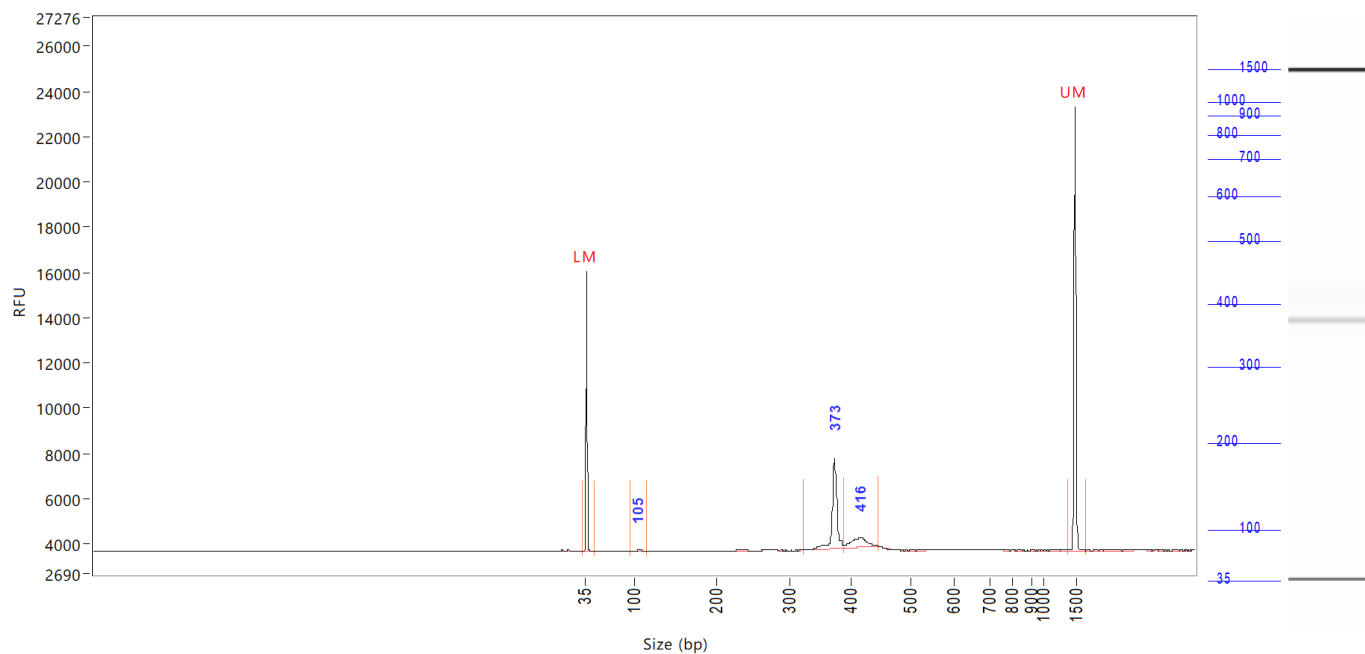
Sample: Oemik-000631
Well Location: E1
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4011	31	48	35	3.20	12334	37.252
2	105	0.0763	95	116	105	3.93	52	0.591
3	373	3.9205	322	389	371	2.13	3999	30.343
4	416	1.3276	389	446	413	2.96	437	10.275
5	1500 (UM)	0.5000	1393	1673	1496	1.07	19630	46.438

|		
TIC:	5.3243	ng/uL
TIM:	23.8676	nmole/L
Total Conc.:	5.7085	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

**Sample:** Oemik-000632
Well Location: E2
Created: 10/28/2021 9:04 AM
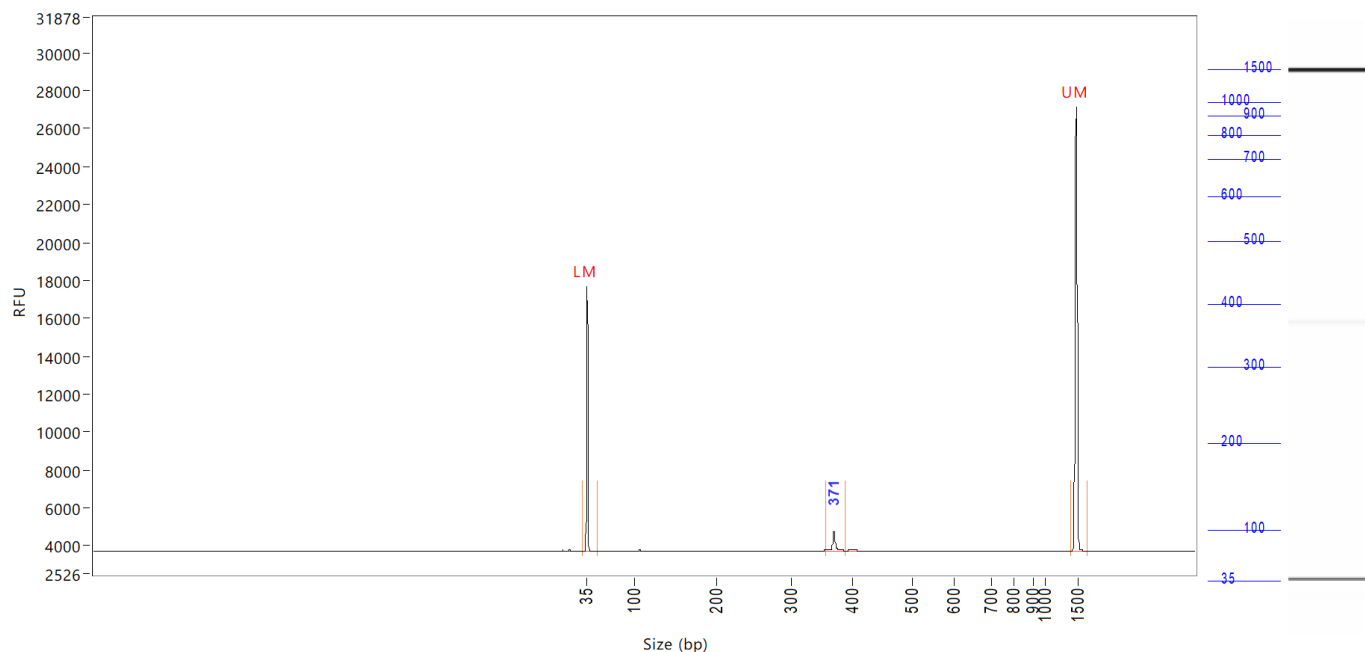
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3717	30	50	35	3.37	14004	43.193
2	371	0.4743	358	389	371	1.04	1008	4.592
3	1500 (UM)	0.5000	1409	1677	1494	1.10	23459	58.101

TIC:	0.4743	ng/uL
TIM:	2.1031	nmole/L
Total Conc.:	0.8939	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000633
**Well Location:** E3
Created: 10/28/2021 9:04 AM
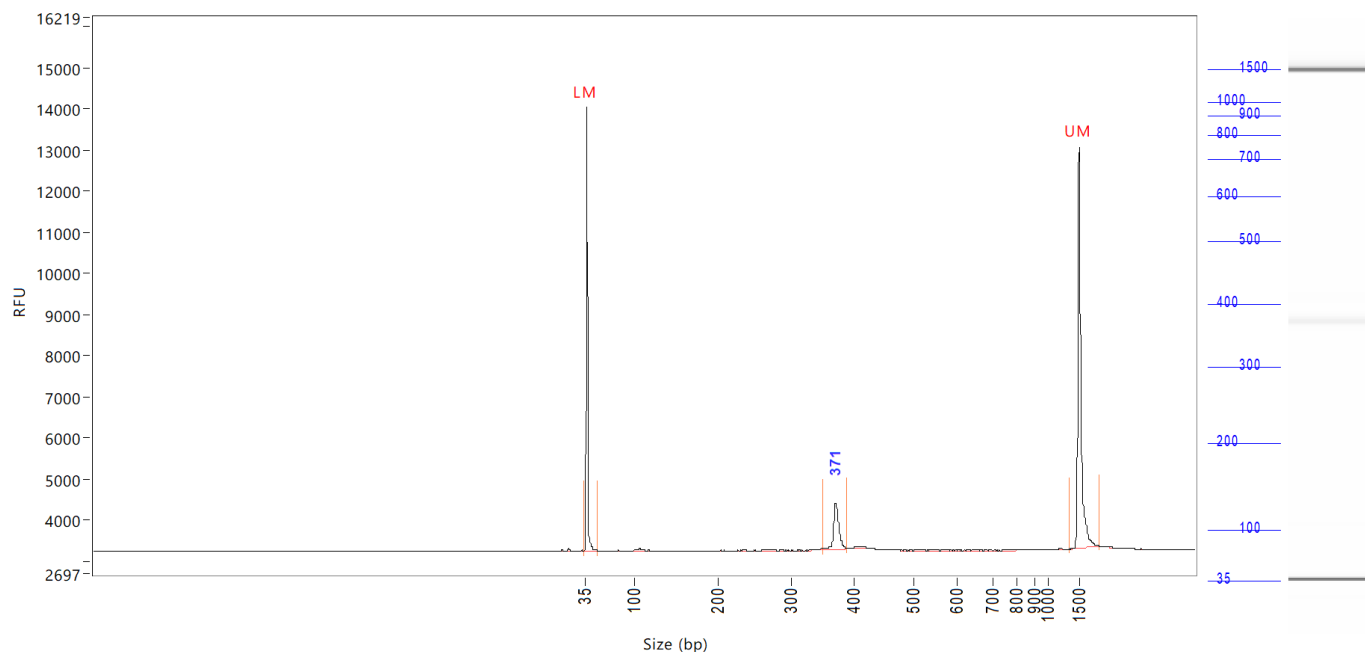
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.5008	32	50	35	4.61	10803	35.663
2	371	1.5637	351	390	372	1.45	1131	9.280
3	1500 (UM)	0.5000	1360	1825	1516	3.01	9743	35.608

TIC:	1.5637	ng/uL
TIM:	6.9159	nmole/L
Total Conc.:	2.3350	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000634
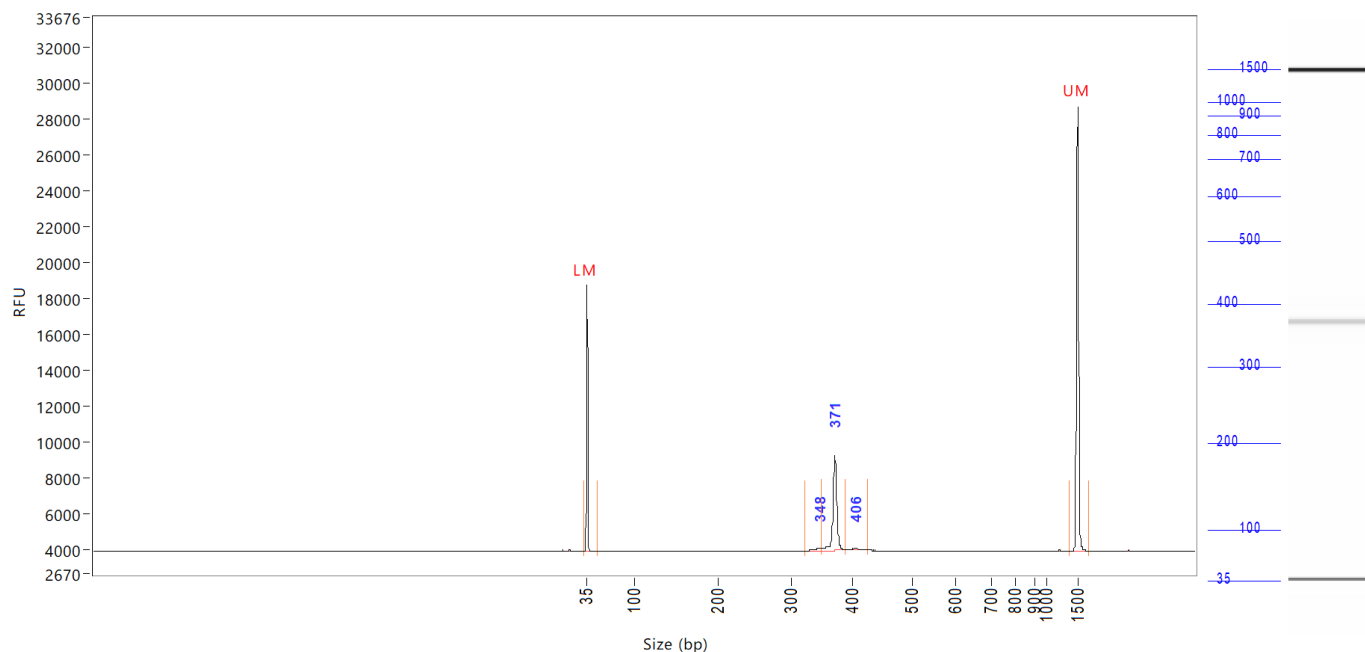**Well Location:** E4
Created: 10/28/2021 9:04 AM
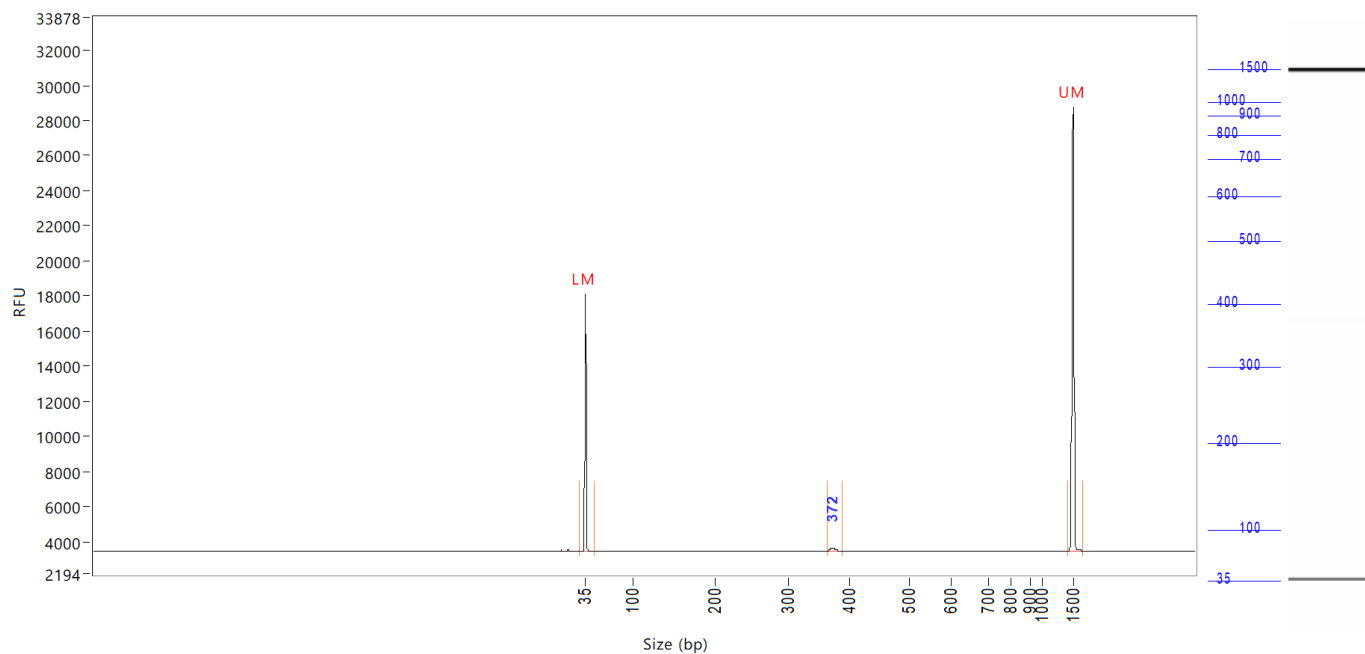
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.3584	27	48	35	3.19	14625	44.104
2	372	0.1218	364	388	372	1.04	182	1.249
3	1500 (UM)	0.5000	1422	1652	1497	1.06	25314	61.536

TIC:	0.1218	ng/uL
TIM:	0.5388	nmole/L
Total Conc.:	0.4557	ng/uL

Sample: Oemik-000635
Well Location: E5
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3602	31	50	35	3.19	14831	44.678
2	348	0.1411	323	350	343	1.56	154	1.458
3	371	3.1089	350	388	370	1.27	5315	32.133
4	406	0.1489	388	426	403	2.13	85	1.539
5	1500 (UM)	0.5000	1372	1668	1496	1.16	24768	62.013

TIC:	3.3989	ng/uL
TIM:	15.1085	nmole/L
Total Conc.:	3.7117	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000636
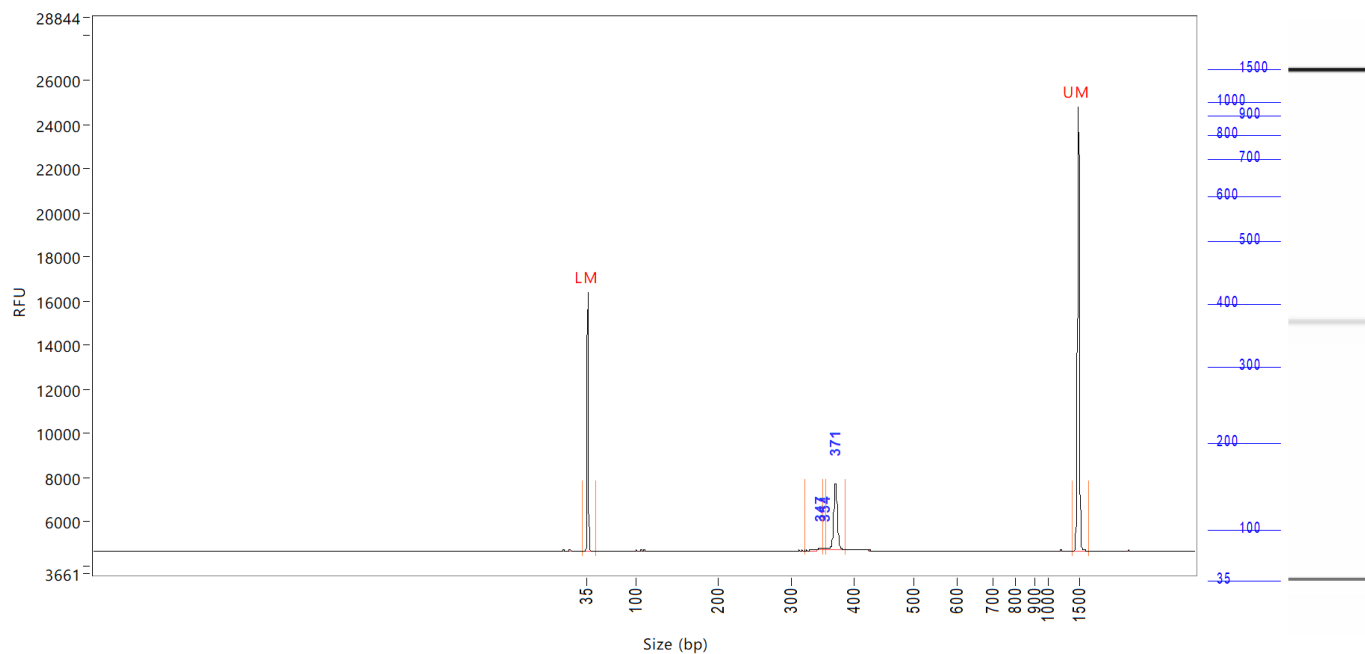**Well Location:** E6
Created: 10/28/2021 9:04 AM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.3626	29	47	35	3.16	11720	36.014
2	347	0.1093	322	351	343	1.67	89	0.905
3	354	0.0445	351	355	353	0.41	89	0.369
4	371	2.1516	355	388	370	1.00	3022	17.807
5	1500 (UM)	0.5000	1401	1656	1496	1.09	20122	49.658

TIC:	2.3054	ng/uL
TIM:	10.2988	nmole/L
Total Conc.:	2.8504	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000637
**Well Location:** E7
Created: 10/28/2021 9:04 AM
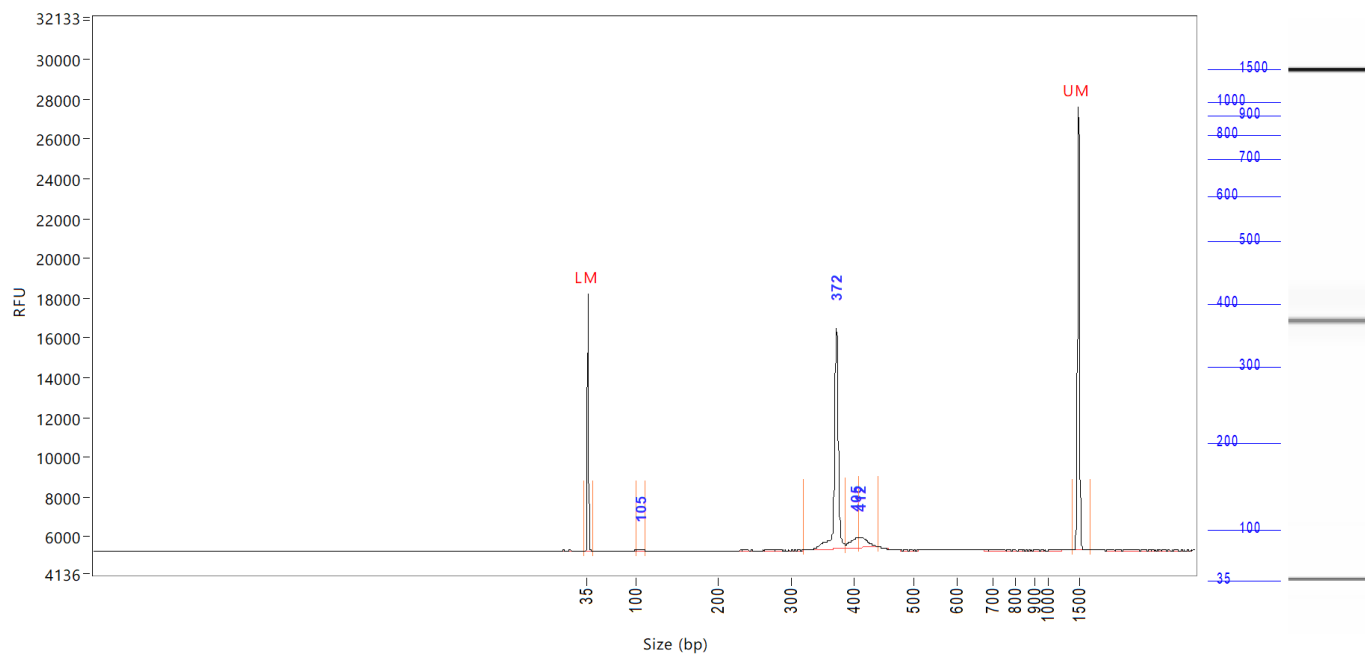
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3563	31	43	35	3.12	12970	39.937
2	105	0.0772	99	112	105	2.56	89	0.721
3	372	7.4034	320	387	370	2.00	11071	69.161
4	405	0.6859	387	409	400	1.53	492	6.407
5	412	0.6858	409	441	419	1.61	484	6.407
6	1500 (UM)	0.5000	1401	1677	1497	1.14	22348	56.051

TIC:	8.8523	ng/uL
TIM:	39.6411	nmole/L
Total Conc.:	9.3019	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000638
**Well Location:** E8
Created: 10/28/2021 9:04 AM
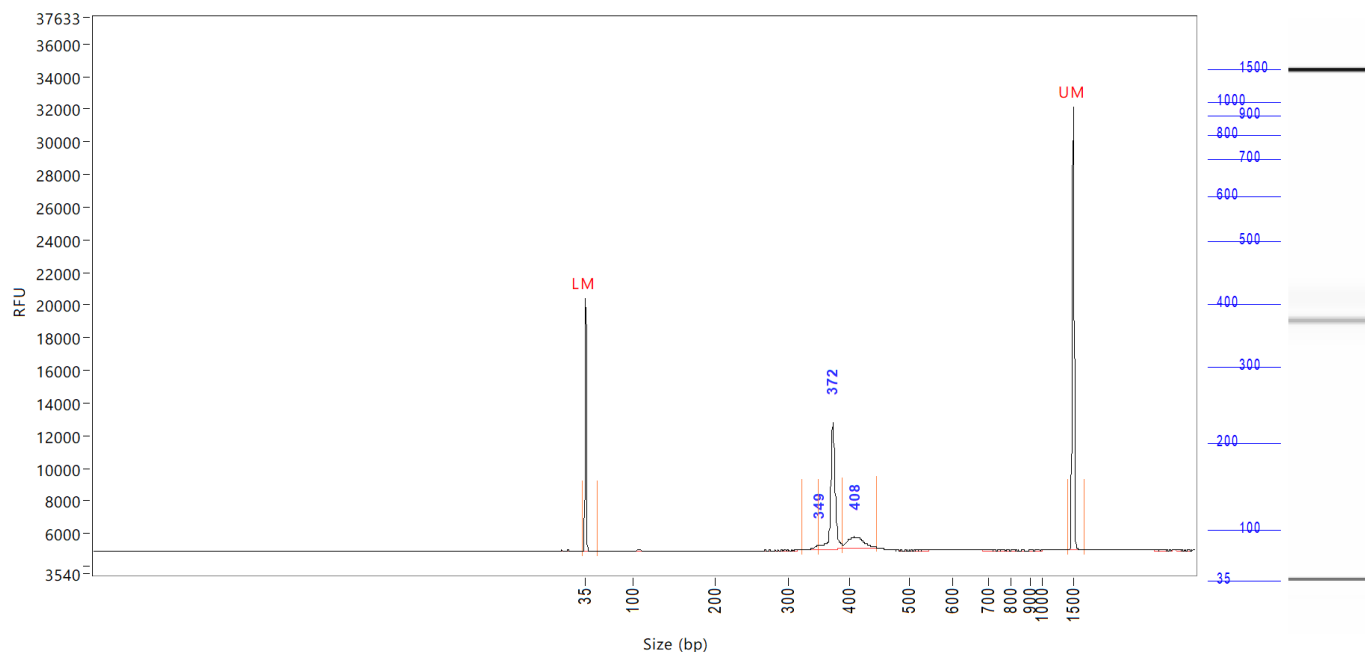
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3571	30	52	35	3.22	15522	47.239
2	349	0.1790	323	349	343	1.40	267	1.973
3	372	5.0012	349	388	372	1.55	7753	55.126
4	408	1.5535	388	446	410	2.85	695	17.124
5	1500 (UM)	0.5000	1409	1681	1496	1.09	27211	66.136

TIC:	6.7336	ng/uL
TIM:	29.2107	nmole/L
Total Conc.:	7.1245	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000639
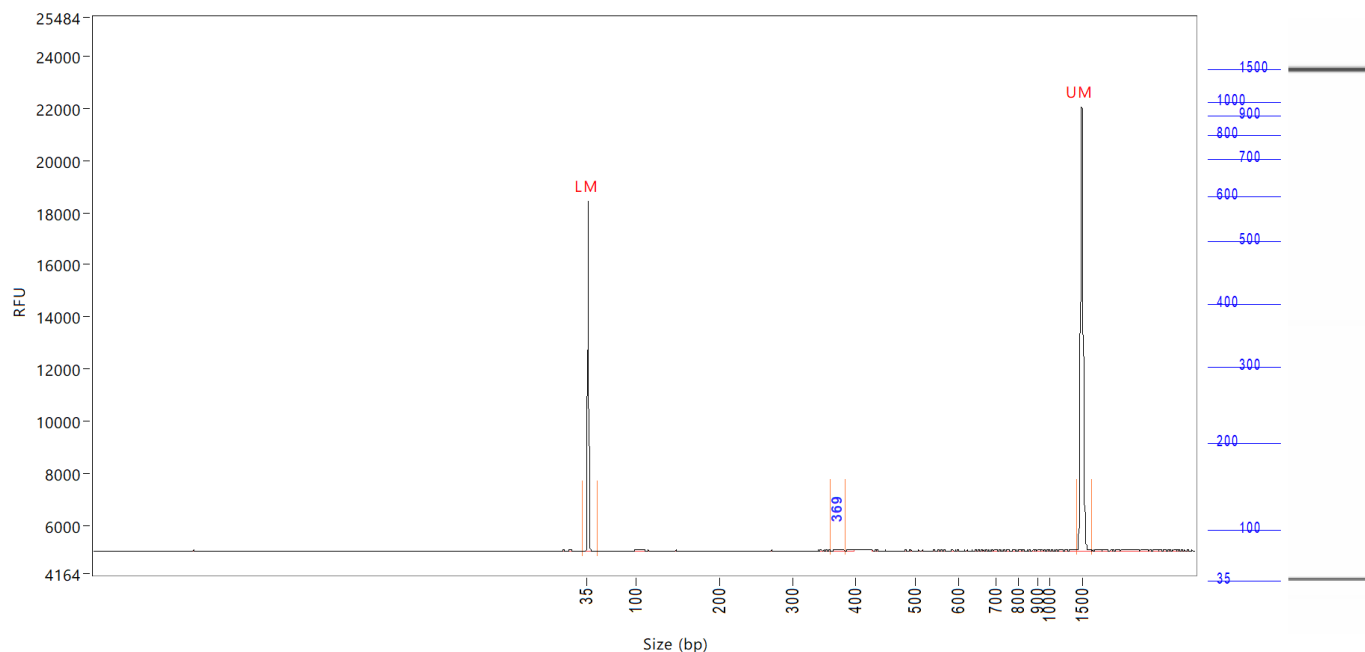**Well Location:** E9
Created: 10/28/2021 9:04 AM
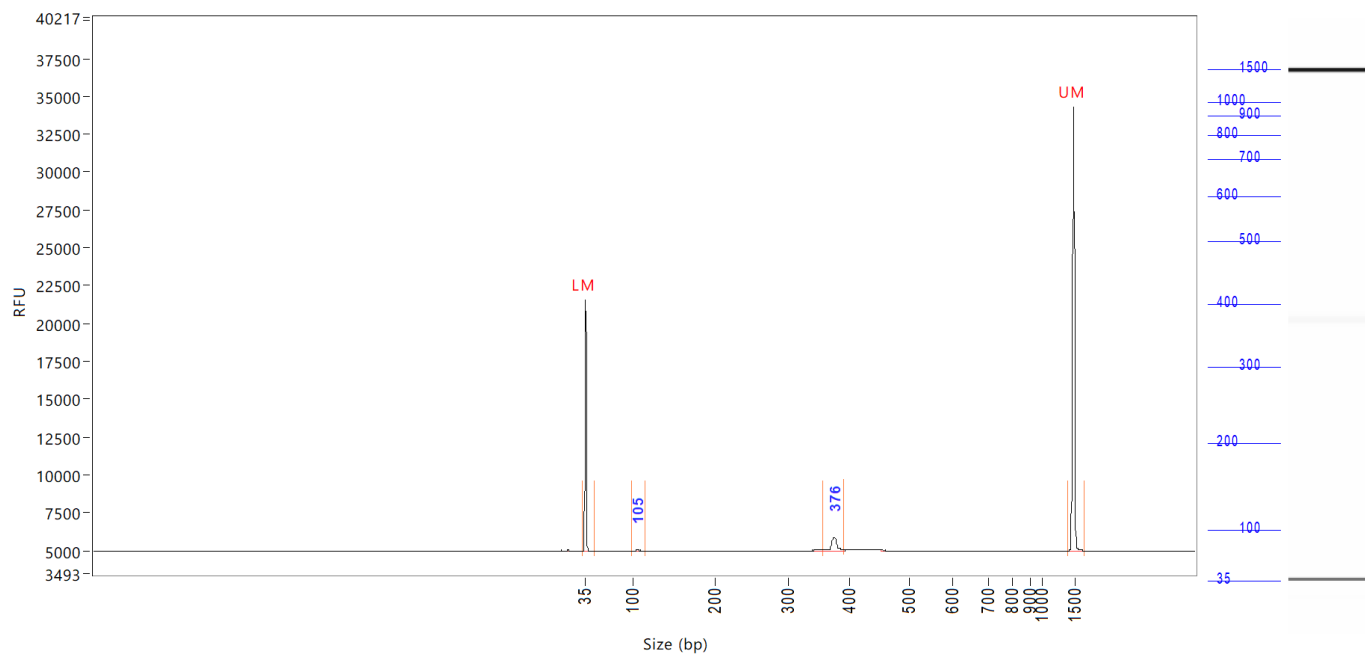
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3569	31	48	35	3.15	16625	51.341
2	105	0.0618	97	115	106	3.95	53	0.741
3	376	0.6137	355	391	373	1.41	840	7.357
4	1500 (UM)	0.5000	1418	1668	1494	1.08	29335	71.930

TIC:	0.6755	ng/uL
TIM:	3.6641	nmole/L
Total Conc.:	1.0970	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000640
Well Location: E10
Created: 10/28/2021 9:04 AM
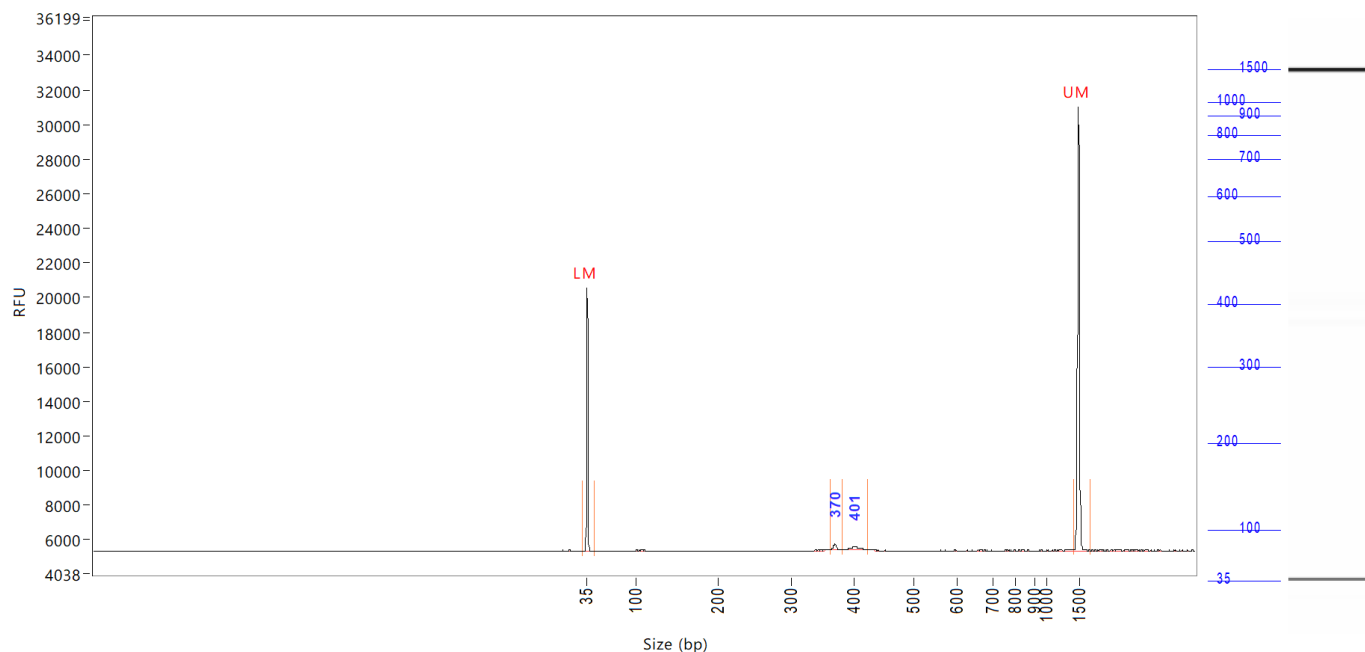
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3682	30	46	35	3.12	15181	46.526
2	370	0.2021	363	383	370	0.95	376	2.127
3	401	0.2691	383	425	403	2.04	170	2.833
4	1500 (UM)	0.5000	1422	1689	1497	1.10	25682	63.172

TIC:	0.4712	ng/uL
TIM:	1.9972	nmole/L
Total Conc.:	0.9577	ng/uL

Sample: Oemik-000641
Well Location: E11
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3800	29	49	35	3.30	13430	40.887
2	369	0.0419	360	384	370	1.10	60	0.375
3	1500 (UM)	0.5000	1413	1656	1501	1.42	17024	53.805

|		
TIC:	0.0419	ng/uL
TIM:	0.1861	nmole/L
Total Conc.:	0.6573	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50     Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500    Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Date Printed: 10/29/2021 8:10 AM

Sample: Ladder
Well Location: E12
Created: 10/28/2021 9:04 AM
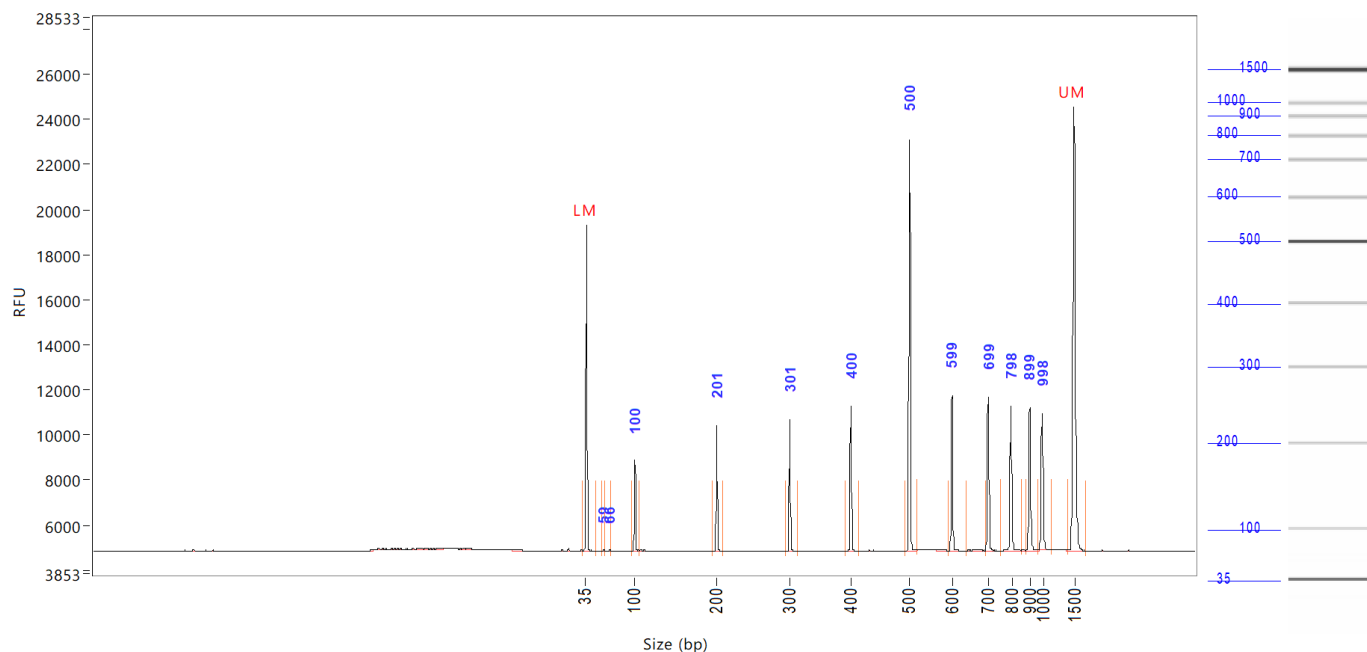
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3816	30	49	35	3.41	14474	44.439
2	59	0.0219	57	61	58	1.44	70	0.212
3	66	0.0225	61	69	66	2.09	59	0.218
4	100	1.0690	97	106	100	1.03	4013	10.374
5	201	1.2925	194	209	200	0.57	5576	12.543
6	301	1.3037	295	313	300	0.42	5812	12.652
7	400	1.3723	392	415	400	0.36	6425	13.318
8	500	3.8896	492	519	500	0.32	18205	37.746
9	599	1.5238	591	638	599	0.45	6865	14.788
10	699	1.5195	691	752	699	0.50	6800	14.746
11	798	1.5425	754	853	797	0.67	6428	14.969
12	899	1.5507	876	958	898	0.77	6345	15.049
13	998	1.5445	958	1145	999	1.38	6058	14.989
14	1500 (UM)	0.5000	1409	1673	1500	1.42	19709	58.227

TIC:	16.6526	ng/uL
TIM:	71.2872	nmole/L
Total Conc.:	17.0879	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
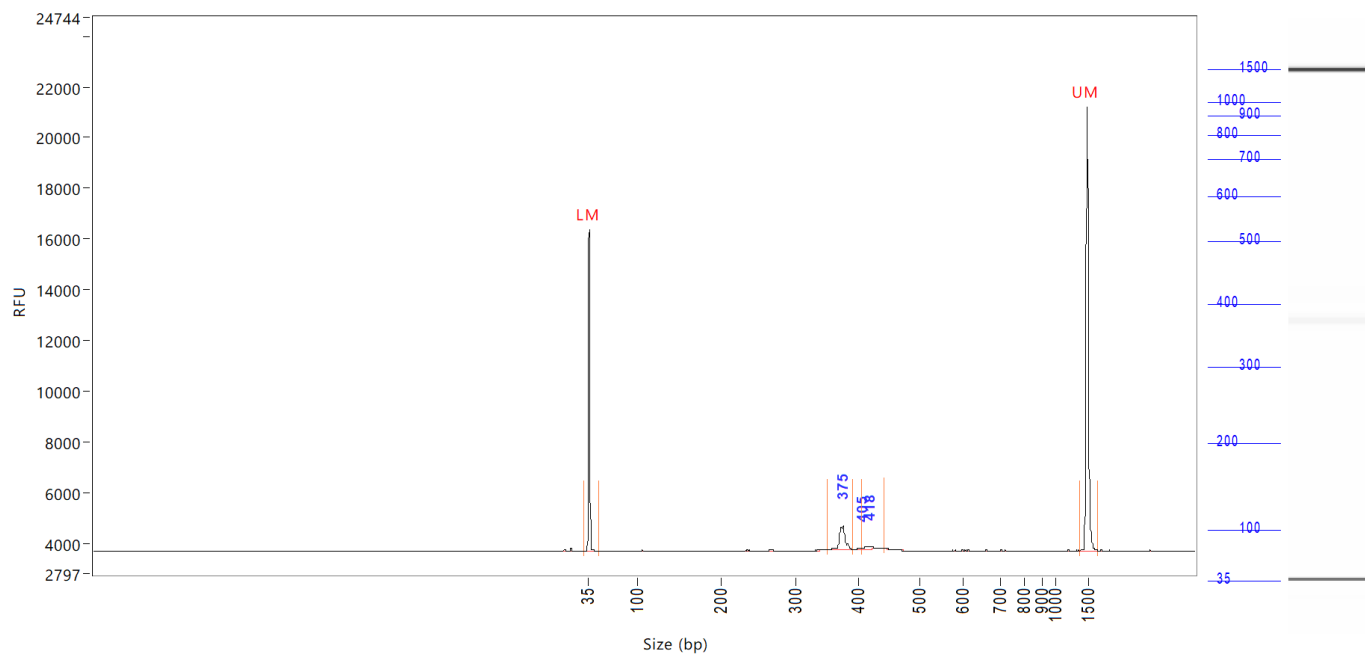Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000642
Well Location: F1
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4109	29	48	35	3.25	12690	38.720
2	375	1.1281	350	391	372	1.60	948	8.858
3	405	0.0501	391	407	401	0.99	58	0.394
4	418	0.1805	407	441	419	1.74	103	1.417
5	1500 (UM)	0.5000	1385	1677	1501	1.44	17530	47.113

TIC:	1.3588	ng/uL
TIM:	5.9038	nmole/L
Total Conc.:	1.7936	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000643
**Well Location:** F2
Created: 10/28/2021 9:04 AM
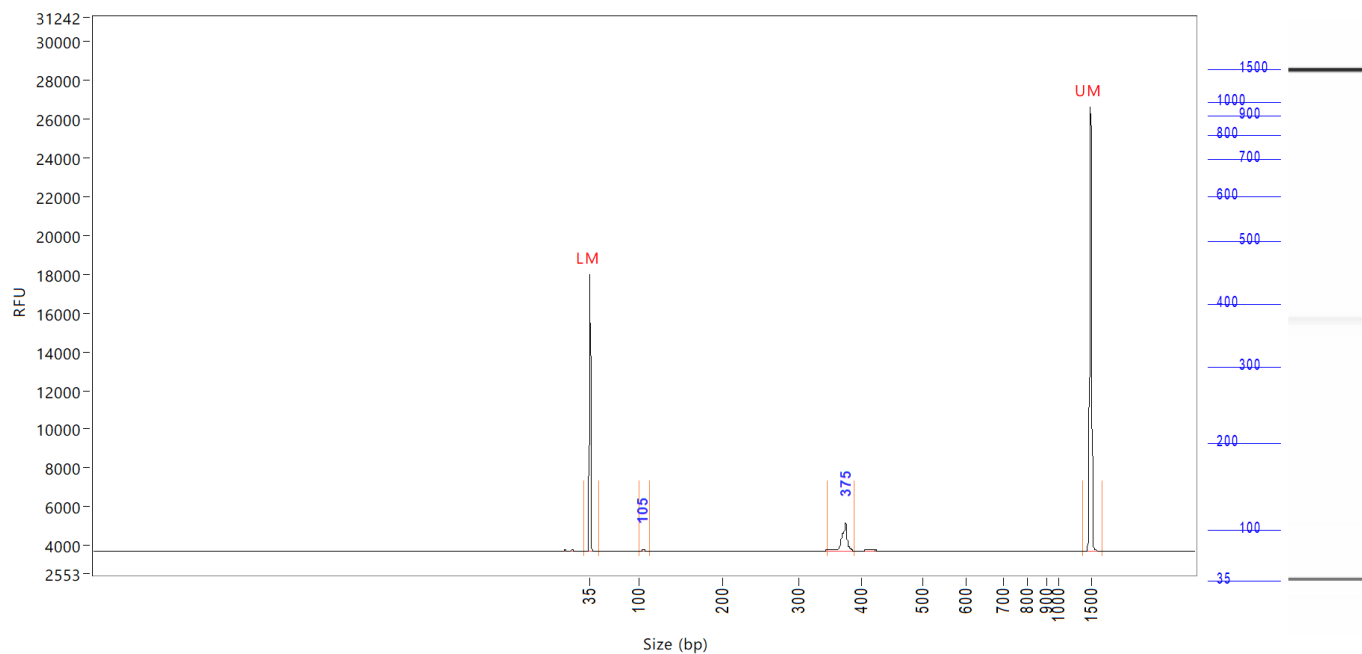
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3979	27	48	35	3.24	14268	43.105
2	105	0.0494	101	114	106	2.25	71	0.446
3	375	1.2573	347	389	372	1.67	1442	11.352
4	1500 (UM)	0.5000	1372	1673	1494	1.09	22934	54.172

TIC:	1.3067	ng/uL
TIM:	6.3262	nmole/L
Total Conc.:	1.7654	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Date Printed: 10/29/2021 8:10 AM

Sample: Oemik-000644
Well Location: F3
Created: 10/28/2021 9:04 AM
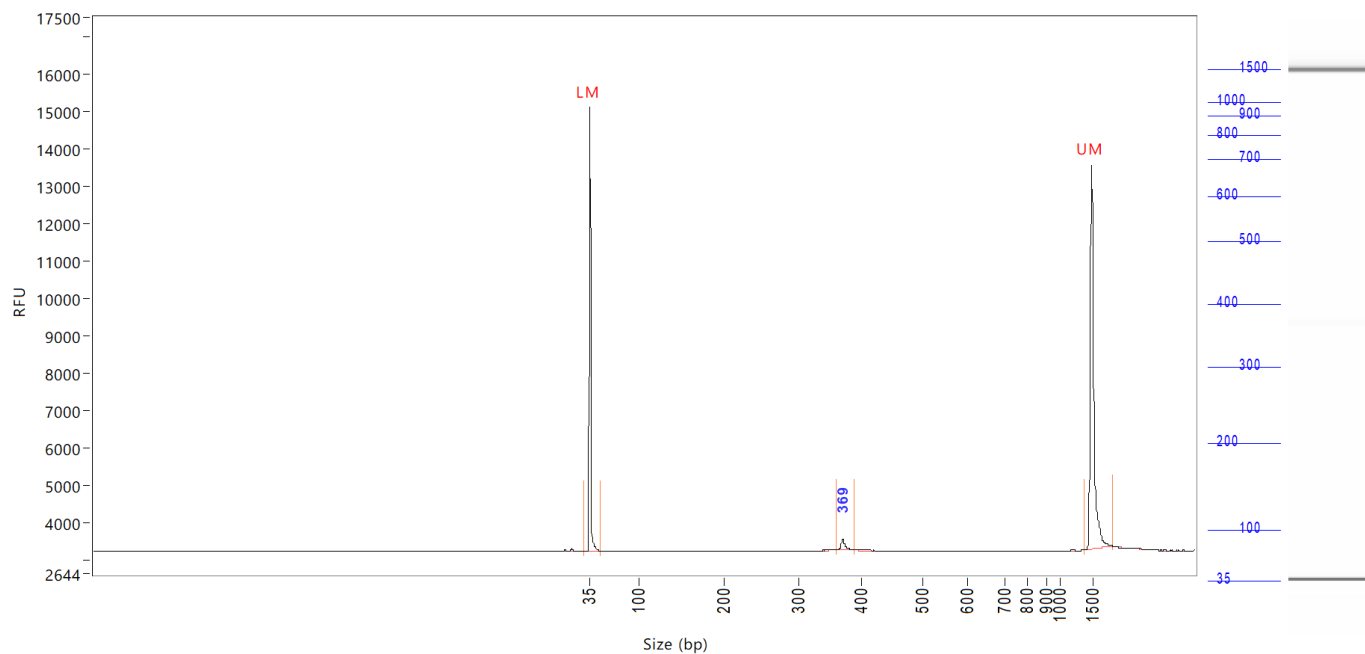
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4674	28	50	35	4.50	11872	38.861
2	369	0.2846	361	388	371	1.24	290	1.971
3	1500 (UM)	0.5000	1385	1825	1516	2.98	10234	41.569

TIC:	0.2846	ng/uL
TIM:	1.2619	nmole/L
Total Conc.:	0.7552	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000645
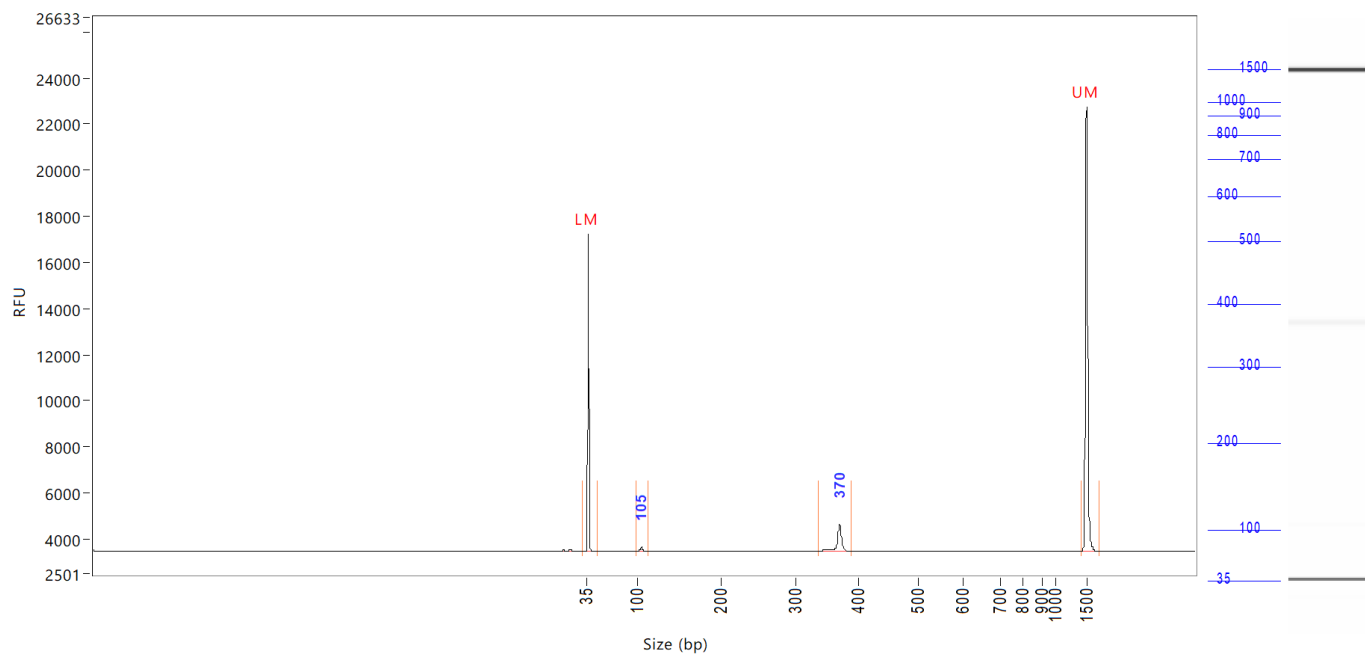**Well Location:** F4
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4122	28	49	35	3.21	13727	41.506
2	105	0.0989	99	114	105	2.25	159	0.830
3	370	0.8998	338	389	368	1.80	1153	7.551
4	1500 (UM)	0.5000	1426	1693	1498	1.38	19295	50.351

TIC:	0.9986	ng/uL
TIM:	5.5690	nmole/L
Total Conc.:	1.3506	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Date Printed: 10/29/2021 8:10 AM

Sample: Oemik-000646
Well Location: F5
Created: 10/28/2021 9:04 AM
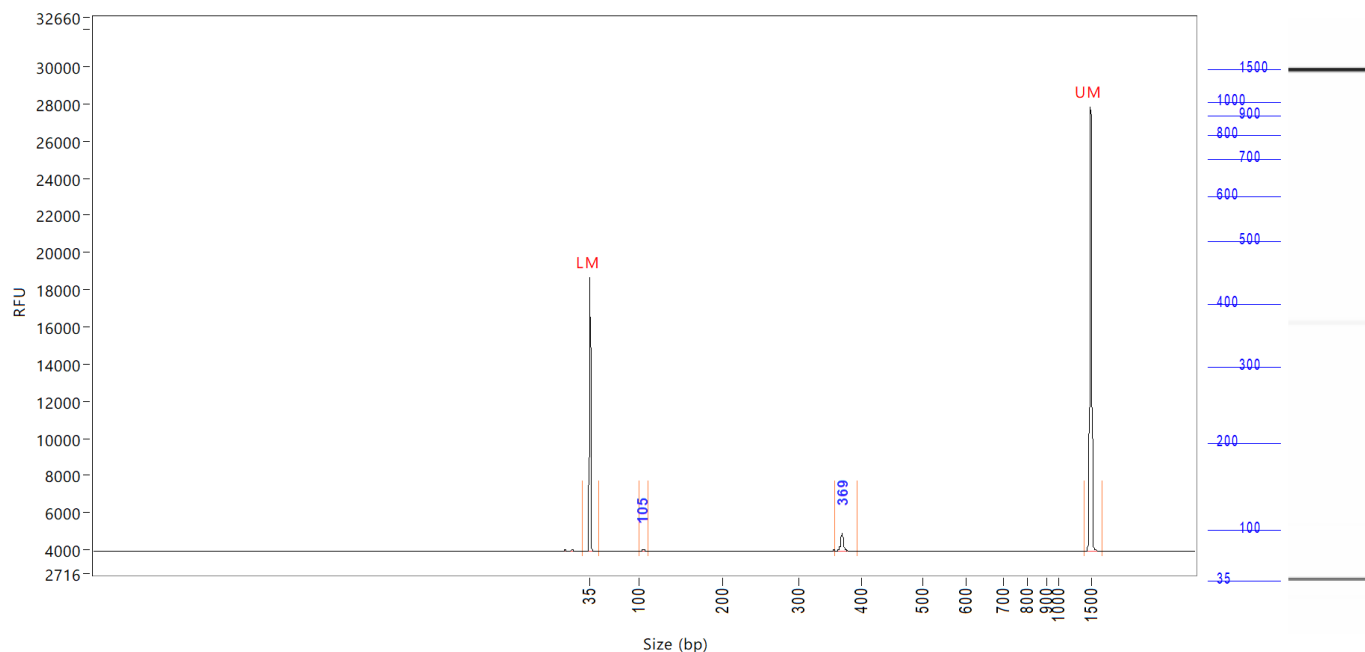
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3980	27	47	35	3.26	14703	44.349
2	105	0.0496	101	112	105	1.86	86	0.460
3	369	0.4701	358	395	369	0.88	978	4.364
4	1500 (UM)	0.5000	1397	1673	1496	1.07	23940	55.710

TIC:	0.5196	ng/uL
TIM:	2.8713	nmole/L
Total Conc.:	0.9265	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker        Final Concentration (ng/uL): 0.5000        Dilution Factor: 12.0
```

Sample: Oemik-000647
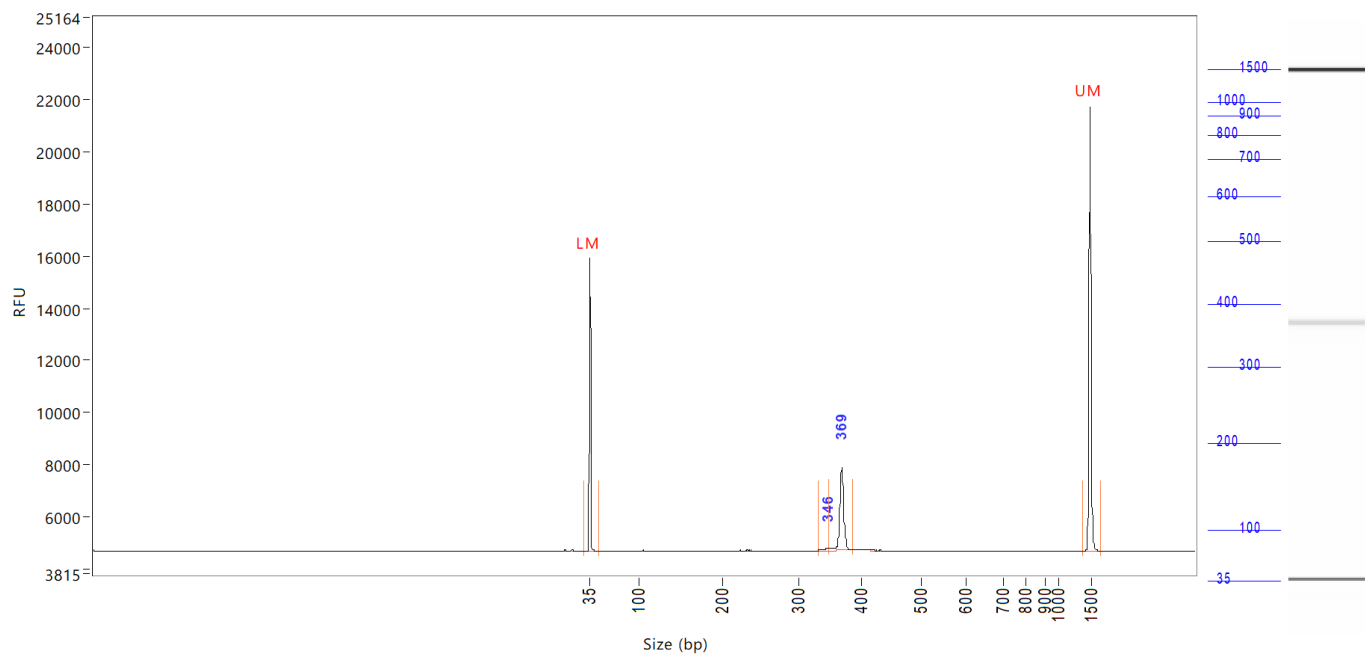**Well Location:** F6
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4108	28	48	35	3.30	11218	34.063
2	346	0.1074	334	349	344	1.15	88	0.742
3	369	2.8902	349	388	369	1.18	3200	19.971
4	1500 (UM)	0.5000	1389	1673	1498	1.20	17065	41.459

TIC:	2.9976	ng/uL
TIM:	13.3998	nmole/L
Total Conc.:	3.6270	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000648
**Well Location:** F7
Created: 10/28/2021 9:04 AM
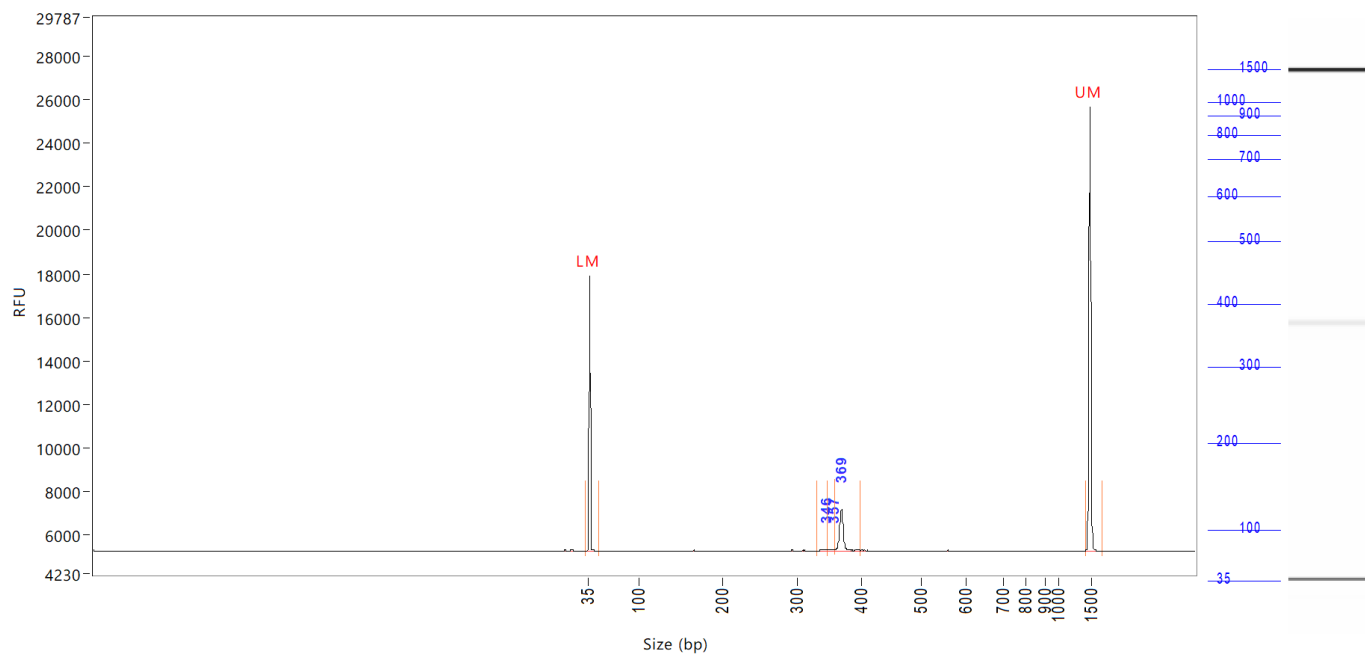
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3992	31	48	35	3.24	12623	38.365
2	346	0.0530	331	347	342	1.18	54	0.425
3	357	0.0675	347	358	353	0.94	65	0.541
4	369	1.3894	358	400	369	1.18	1895	11.127
5	1500 (UM)	0.5000	1422	1681	1496	1.09	20432	48.051

TIC:	1.5099	ng/uL
TIM:	6.7643	nmole/L
Total Conc.:	2.1089	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000649
**Well Location:** F8
Created: 10/28/2021 9:04 AM
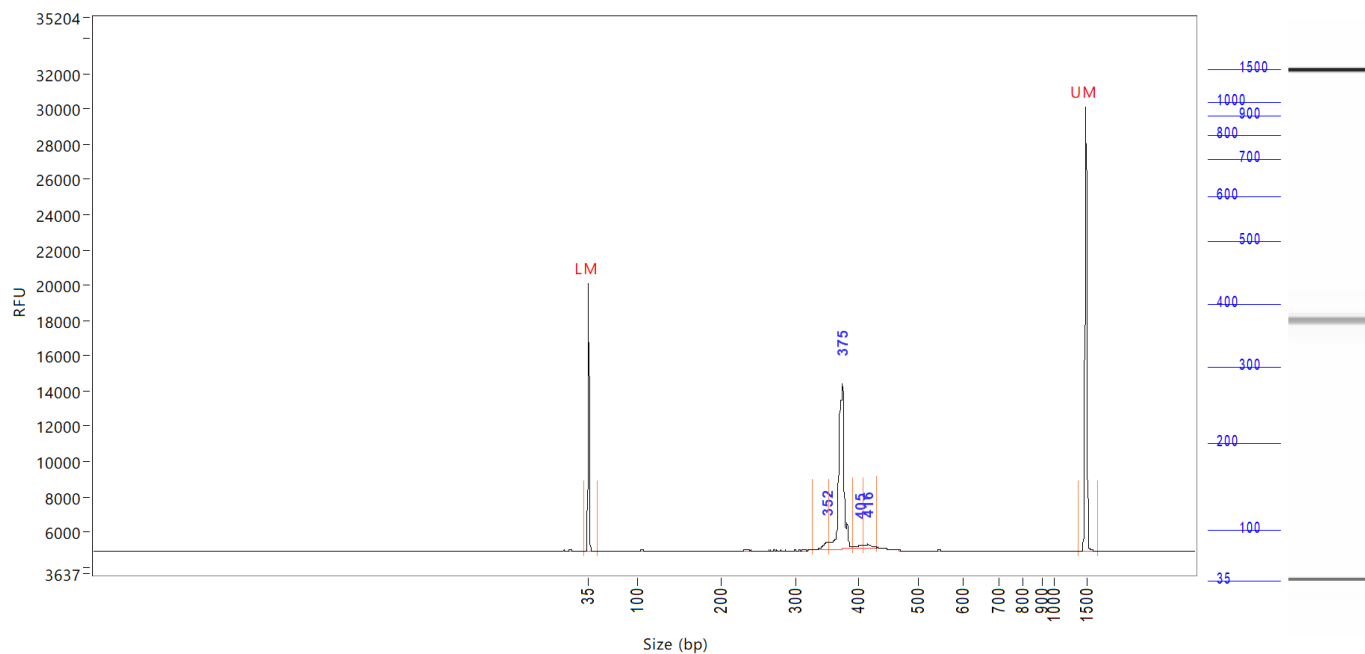
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3971	29	48	35	3.22	15146	46.529
2	352	0.3897	328	353	346	1.48	402	3.806
3	375	7.9436	353	391	372	1.38	9393	77.572
4	405	0.1512	391	408	401	1.25	150	1.477
5	416	0.2060	408	432	416	1.17	198	2.012
6	1500 (UM)	0.5000	1368	1681	1495	1.10	25232	58.592

TIC:	8.6905	ng/uL
TIM:	38.4197	nmole/L
Total Conc.:	9.1414	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0    Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y       Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000650
Well Location: F9
Created: 10/28/2021 9:04 AM
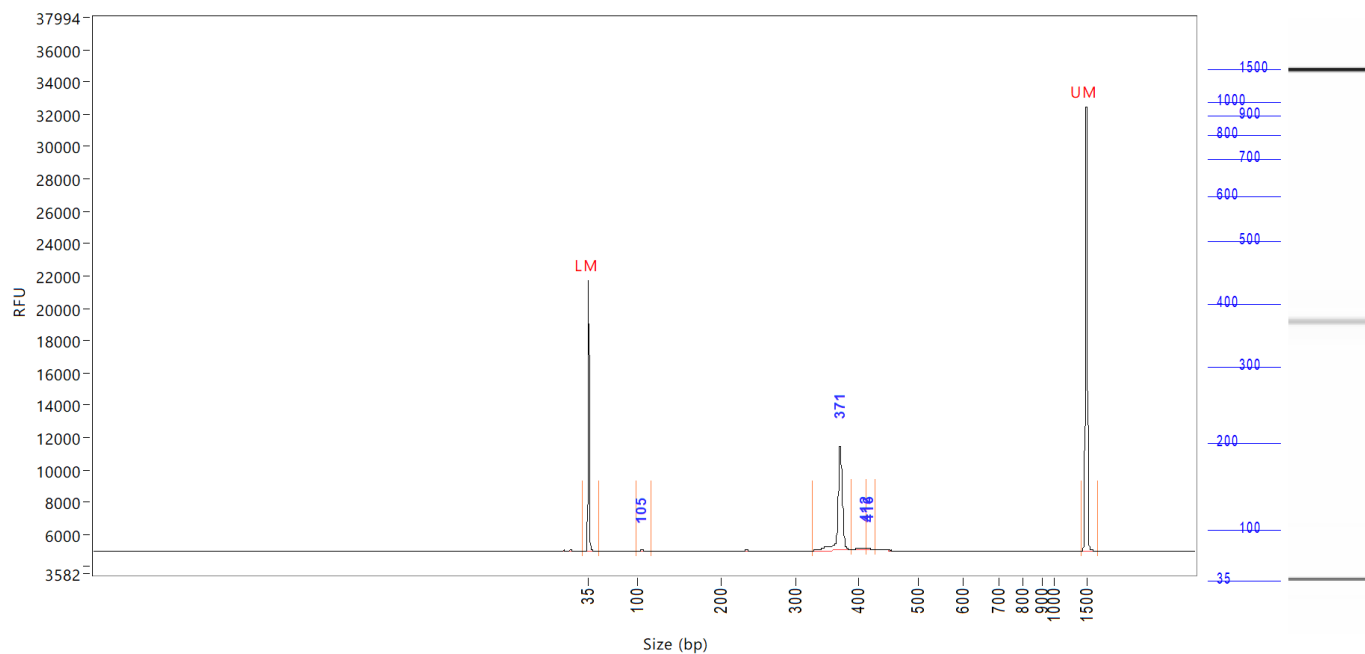
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3970	28	49	35	3.35	16713	50.756
2	105	0.0588	99	118	106	3.40	93	0.626
3	371	4.2289	328	388	369	2.00	6443	45.055
4	412	0.1446	388	414	403	1.74	96	1.541
5	416	0.0517	414	428	419	0.79	92	0.550
6	1500 (UM)	0.5000	1413	1673	1497	1.05	27504	63.923

|		
TIC:	4.4840	ng/uL
TIM:	20.5591	nmole/L
Total Conc.:	4.8961	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000651
Well Location: F10
Created: 10/28/2021 9:04 AM
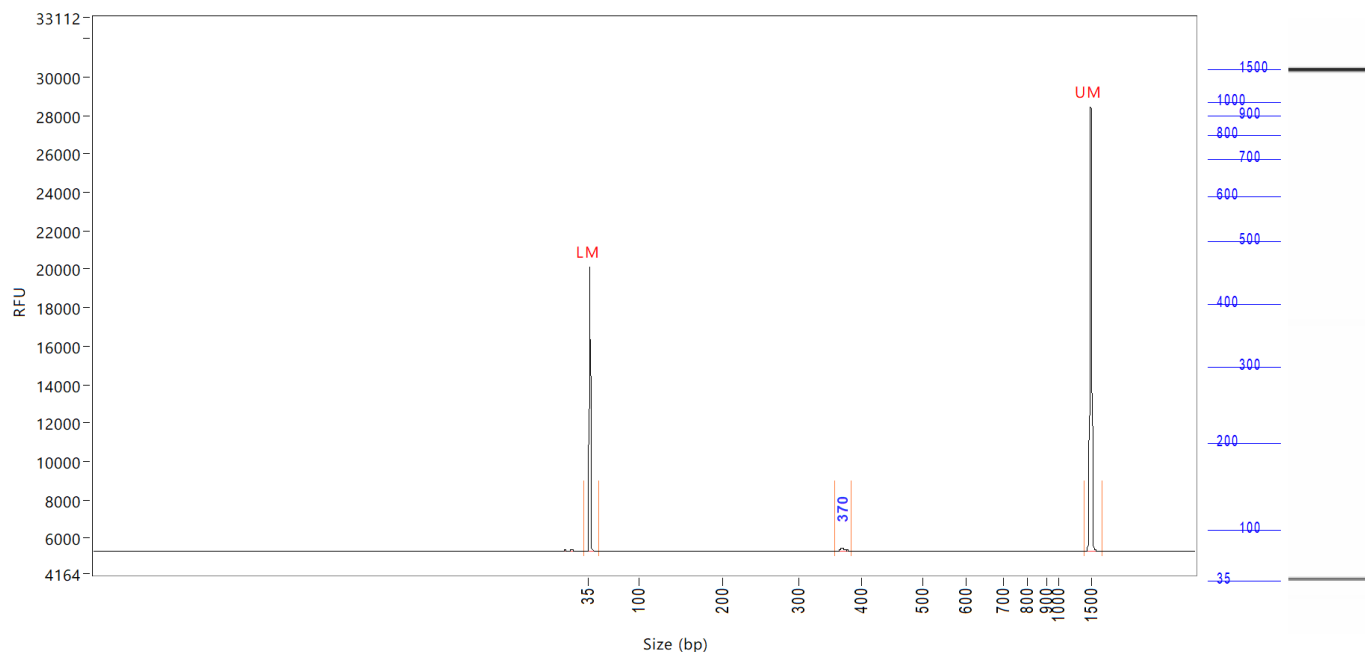
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4236	28	47	35	3.45	14807	46.066
2	370	0.1198	360	386	371	1.26	151	1.086
3	1500 (UM)	0.5000	1397	1668	1497	1.06	23143	54.373

|		
TIC:	0.1198	ng/uL
TIM:	0.5314	nmole/L
Total Conc.:	0.6841	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0    Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000652
Well Location: F11
Created: 10/28/2021 9:04 AM
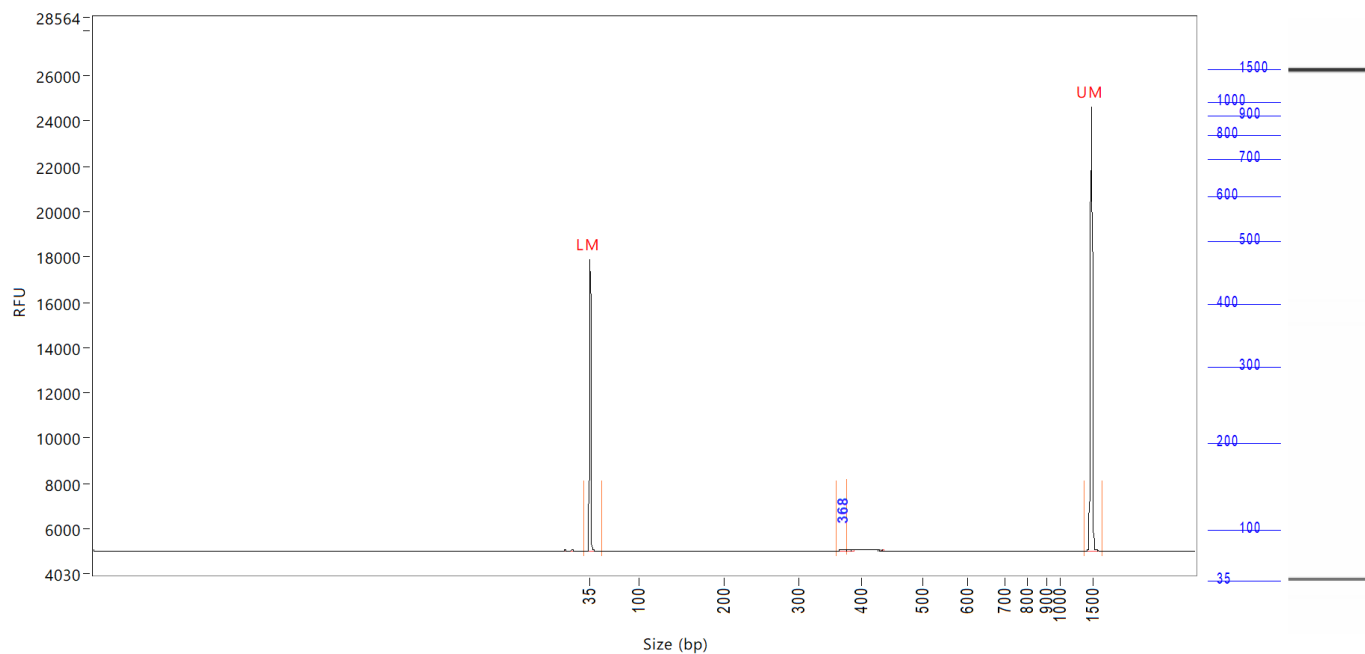
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4326	28	50	35	3.34	12878	39.812
2	368	0.0411	359	376	368	0.82	51	0.315
3	1500 (UM)	0.5000	1380	1652	1494	1.07	19610	46.009

|		
TIC:	0.0411	ng/uL
TIM:	0.1837	nmole/L
Total Conc.:	0.7914	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Ladder
Well Location: F12
Created: 10/28/2021 9:04 AM
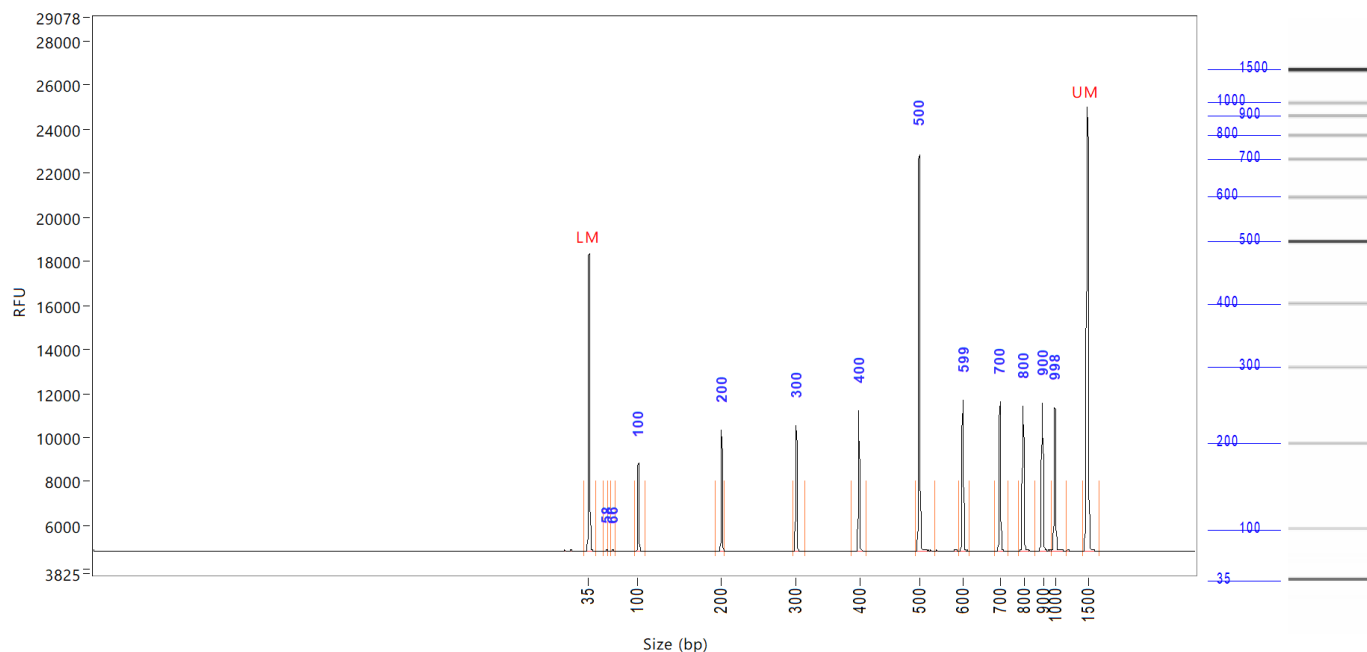
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4459	29	45	35	3.09	13520	41.783
2	58	0.0271	55	60	58	1.65	70	0.212
3	66	0.0227	64	70	66	1.83	59	0.177
4	100	1.2912	96	109	99	1.01	3972	10.082
5	200	1.5580	192	205	199	0.45	5477	12.165
6	300	1.5614	296	315	299	0.50	5703	12.192
7	400	1.6122	387	413	399	0.35	6370	12.588
8	500	4.5308	493	537	500	0.50	17982	35.377
9	599	1.7371	590	619	599	0.33	6858	13.564
10	700	1.7171	688	734	700	0.37	6806	13.407
11	800	1.7247	781	864	799	0.57	6549	13.467
12	900	1.7551	864	971	899	0.71	6699	13.704
13	998	1.7440	971	1170	998	1.32	6485	13.617
14	1500 (UM)	0.5000	1430	1681	1497	1.06	20181	46.848

|		
TIC:	19.2816	ng/uL
TIM:	84.2209	nmole/L
Total Conc.:	19.7398	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000653
Well Location: G1
Created: 10/28/2021 9:04 AM
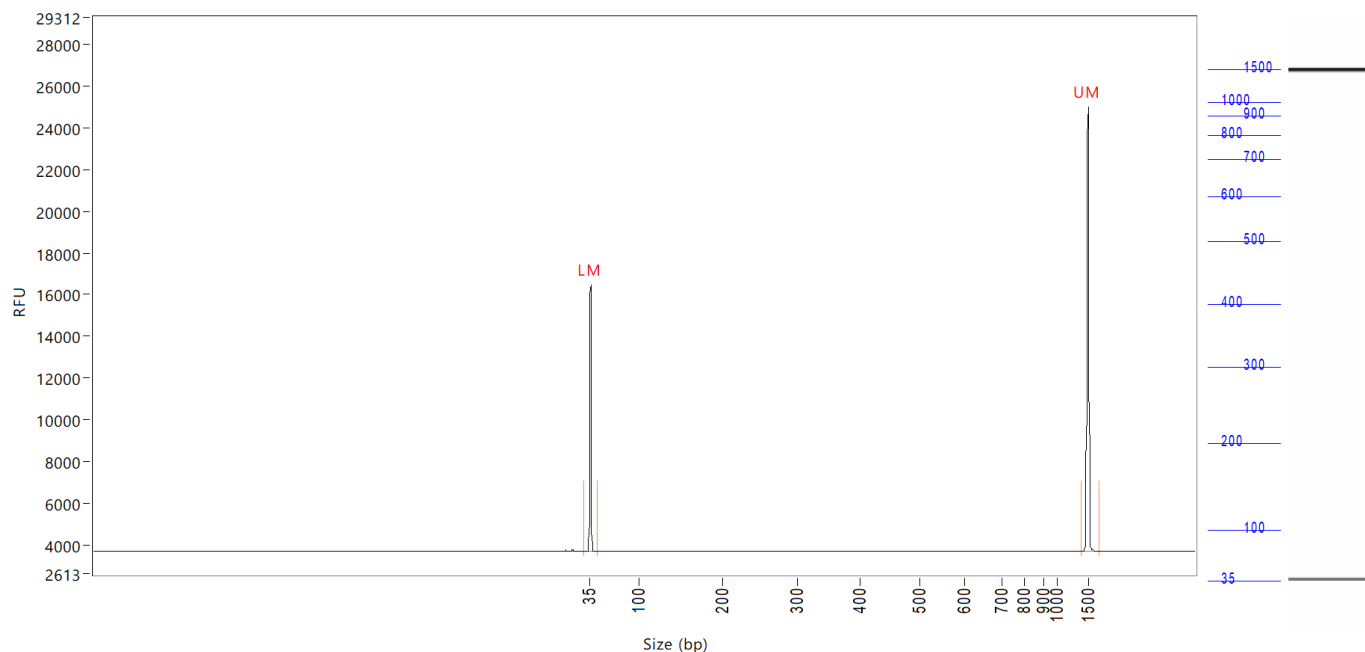
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4006	26	46	35	3.19	12762	38.960
2	1500 (UM)	0.5000	1405	1681	1497	1.02	21341	48.628

TIC:	0.0000	ng/uL
TIM:	0.0000	nmole/L
Total Conc.:	0.5144	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000654
Well Location: G2
**Created:** 10/28/2021 9:04 AM
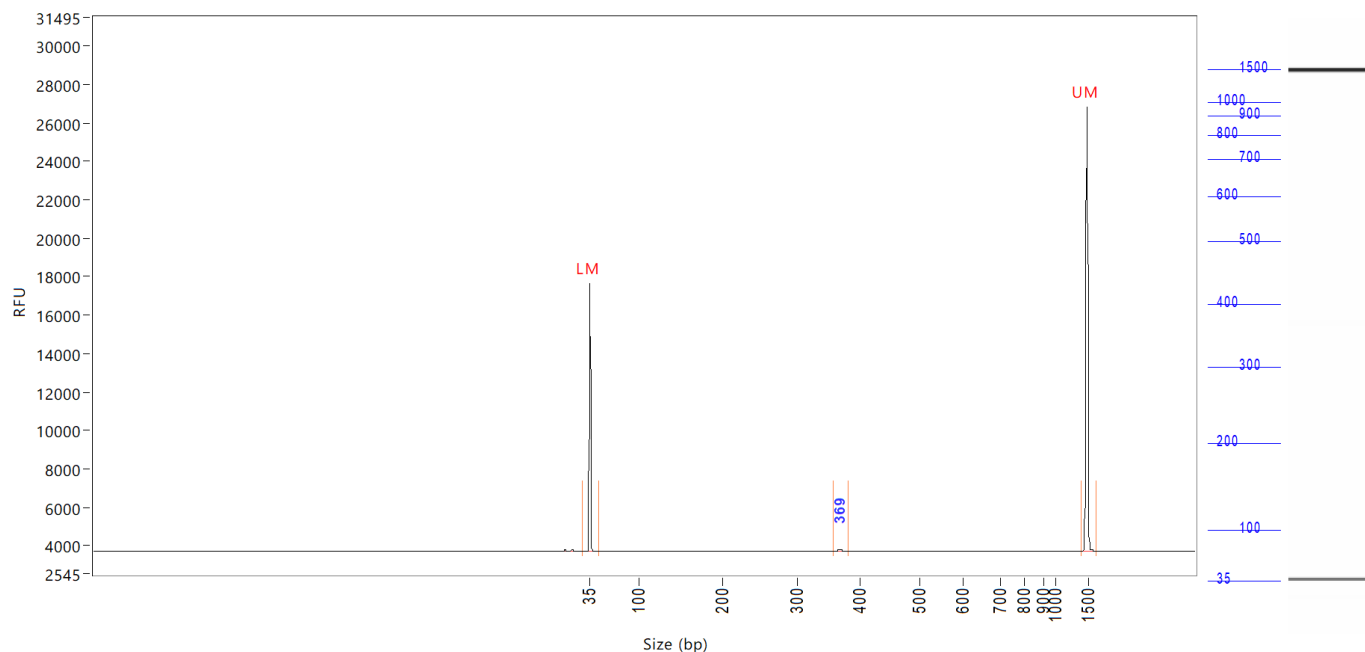
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4023	26	47	35	3.17	13962	42.409
2	369	0.0683	360	384	369	1.07	94	0.600
3	1500 (UM)	0.5000	1418	1640	1494	1.00	23146	52.710

TIC:	0.0683	ng/uL
TIM:	0.3045	nmole/L
Total Conc.:	0.4601	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000655
**Well Location:** G3
Created: 10/28/2021 9:04 AM
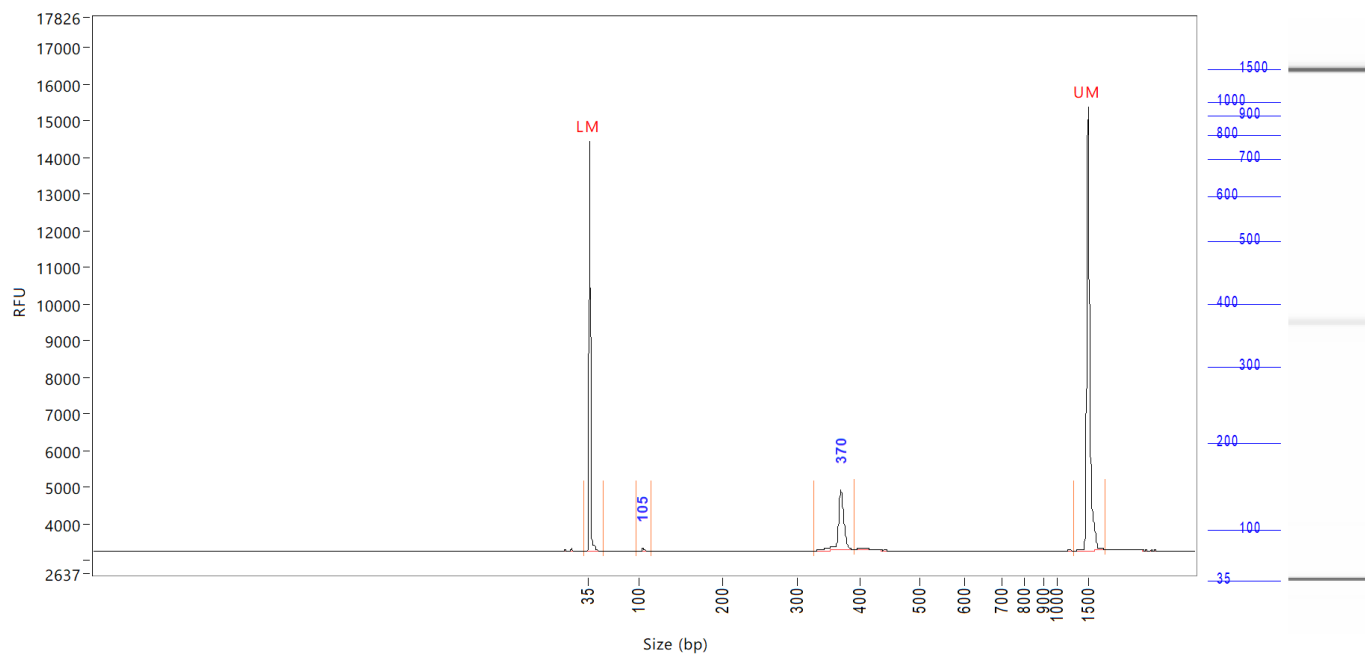
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4366	28	54	35	5.07	11182	36.917
2	105	0.0812	97	115	106	2.88	75	0.572
3	370	2.0420	328	392	369	2.13	1627	14.388
4	1500 (UM)	0.5000	1277	1771	1507	2.48	12129	42.276

TIC:	2.1231	ng/uL
TIM:	10.3620	nmole/L
Total Conc.:	2.5479	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000656
**Well Location:** G4
Created: 10/28/2021 9:04 AM
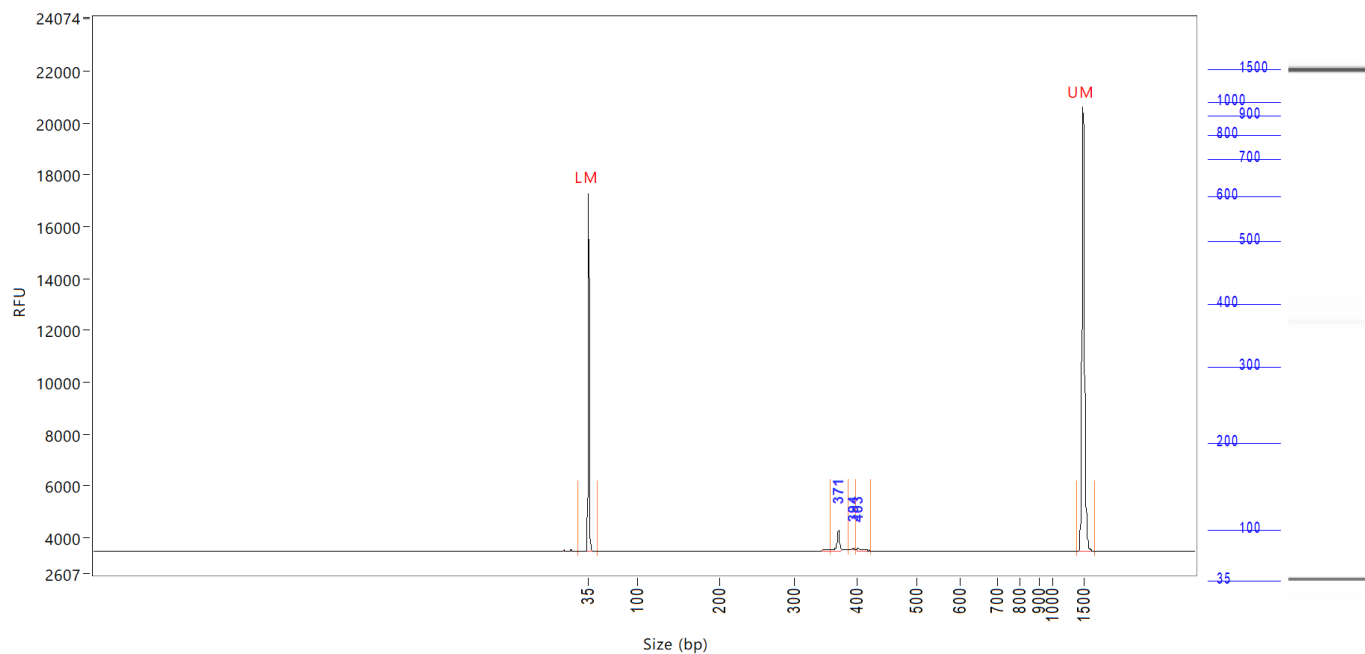
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3908	22	49	35	3.46	13798	41.729
2	371	0.3736	358	388	370	1.01	757	3.325
3	394	0.0531	388	398	394	0.60	102	0.473
4	403	0.0674	398	426	406	1.35	70	0.600
5	1500 (UM)	0.5000	1409	1677	1499	1.49	17152	53.395

TIC:	0.4942	ng/uL
TIM:	2.1565	nmole/L
Total Conc.:	0.8289	ng/uL

```
Sample Peak Width (sec): 5    Sample Min Peak Height: 50    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3        Sample Start Region (min): 0  Sample End Region (min): 70
Marker Peak Width (sec): 5    Marker Min Peak Height: 500   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker        Final Concentration (ng/uL): 0.5000        Dilution Factor: 12.0
```

Sample: Oemik-000657
**Well Location:** G5
Created: 10/28/2021 9:04 AM
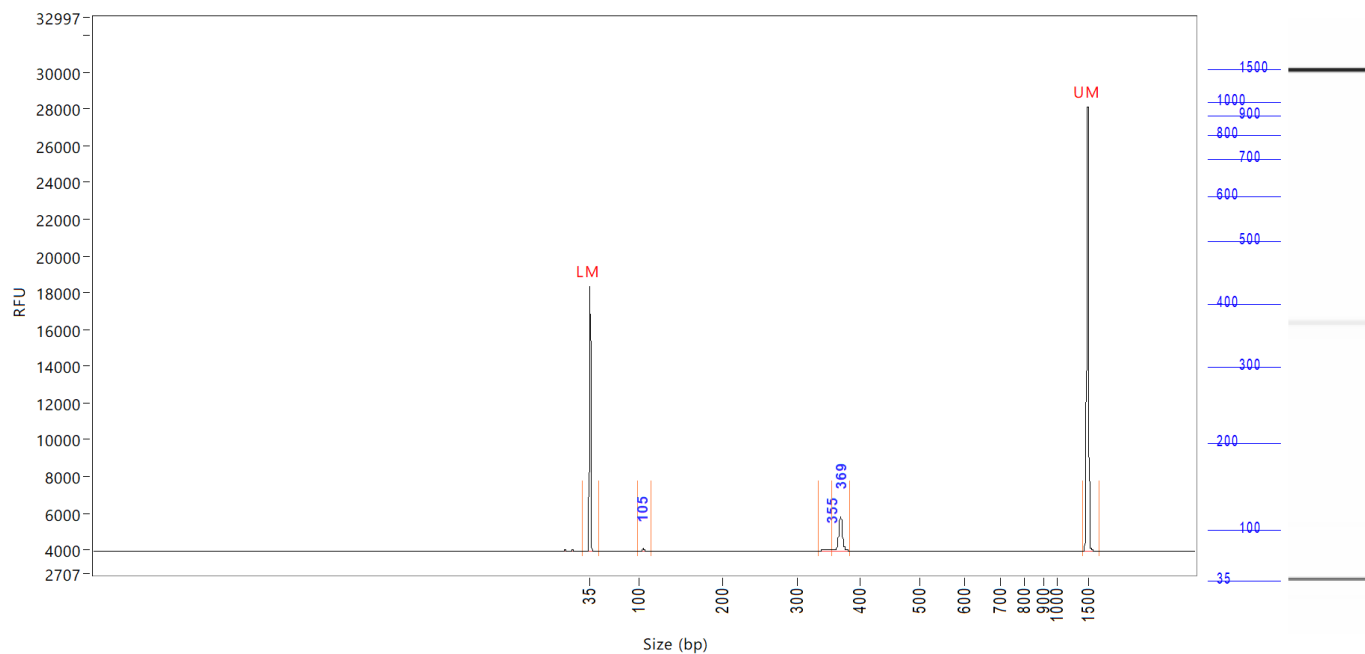
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3950	26	47	35	3.37	14405	43.819
2	105	0.0682	99	115	105	2.30	117	0.630
3	355	0.0960	333	357	348	1.73	74	0.887
4	369	1.2090	357	385	369	0.92	1885	11.176
5	1500 (UM)	0.5000	1409	1681	1493	1.03	24212	55.465

TIC:	1.3732	ng/uL
TIM:	6.9107	nmole/L
Total Conc.:	1.7183	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50     Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3         Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500    Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                  Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000658
**Well Location:** G6
Created: 10/28/2021 9:04 AM
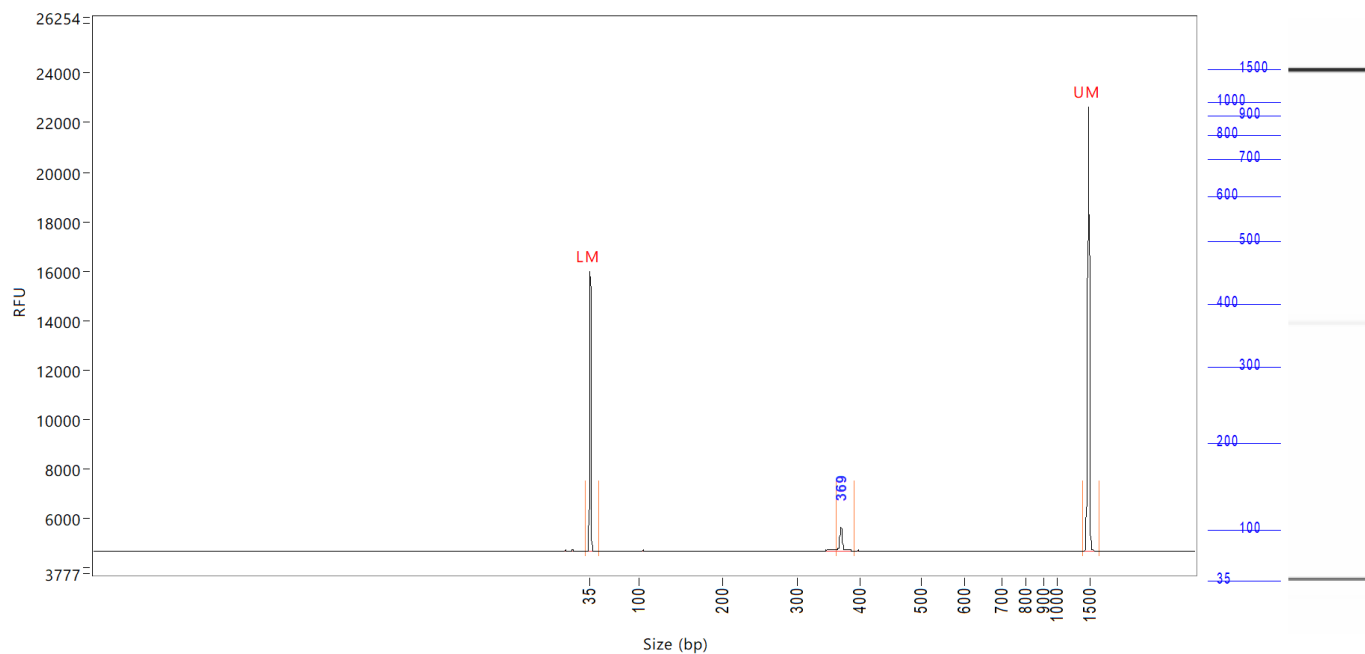
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4157	29	48	35	3.26	11304	34.271
2	369	0.6239	362	391	370	1.04	965	4.287
3	1500 (UM)	0.5000	1401	1656	1494	1.05	17973	41.223

TIC:	0.6239	ng/uL
TIM:	2.7742	nmole/L
Total Conc.:	1.3243	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000659
**Well Location:** G7
Created: 10/28/2021 9:04 AM
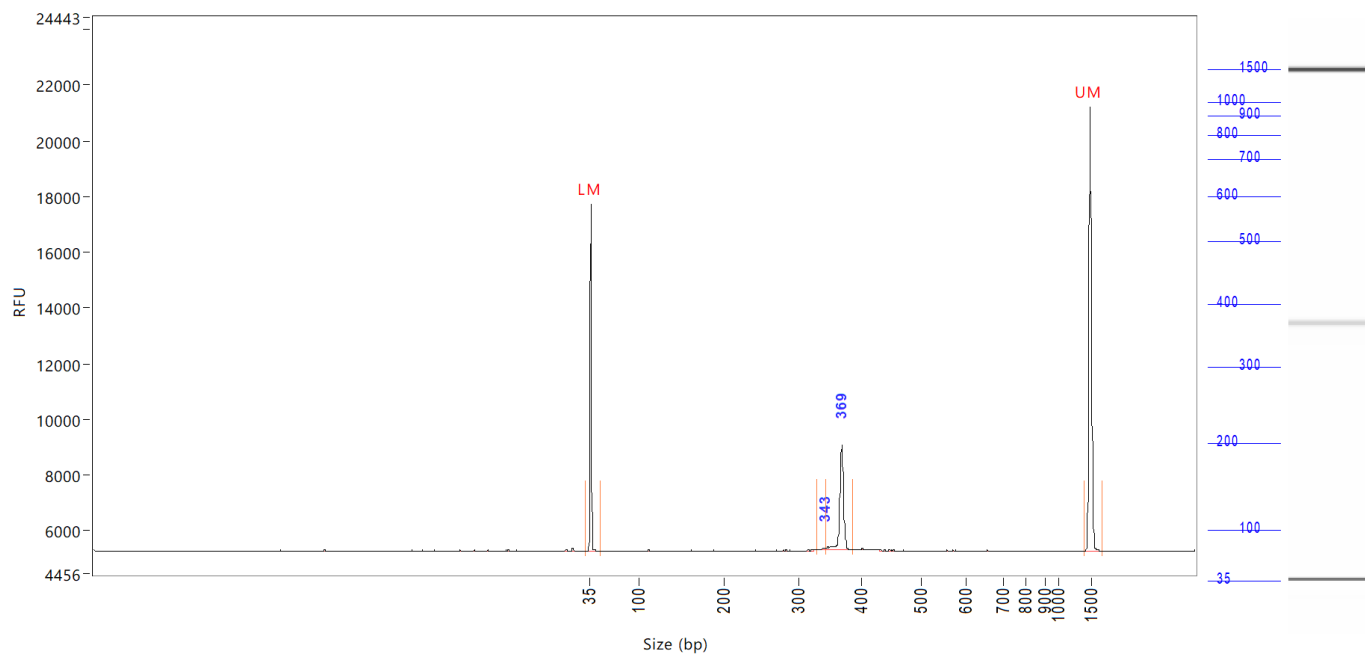
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3959	29	49	35	3.18	12466	37.826
2	343	0.0633	330	344	339	0.99	92	0.504
3	369	2.8550	344	387	368	1.43	3748	22.731
4	1500 (UM)	0.5000	1418	1697	1502	1.42	15973	47.771

TIC:	2.9182	ng/uL
TIM:	13.0705	nmole/L
Total Conc.:	3.4773	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0 Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000660
**Well Location:** G8
Created: 10/28/2021 9:04 AM
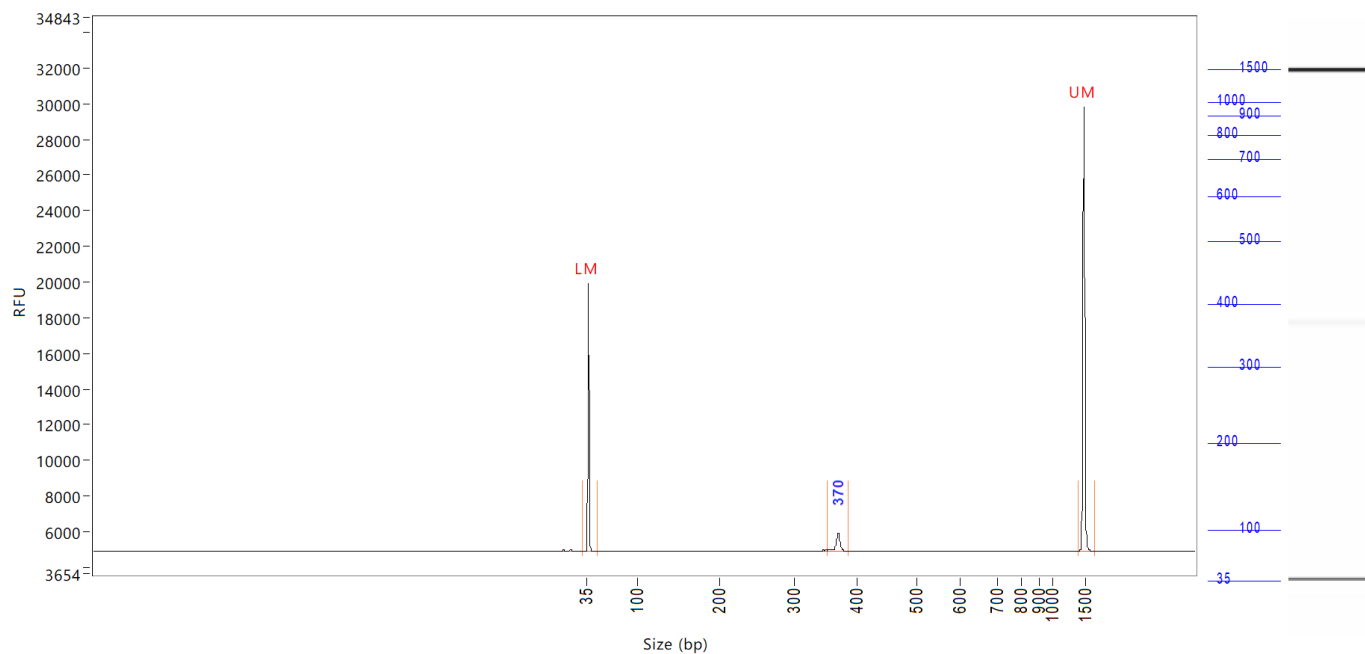
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3884	28	49	35	3.50	14998	46.270
2	370	0.6270	352	386	369	1.10	1023	6.225
3	1500 (UM)	0.5000	1418	1668	1496	1.12	24930	59.566

TIC:	0.6270	ng/uL
TIM:	2.7955	nmole/L
Total Conc.:	1.1406	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 50      Sample Baseline V to V?: Y      Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3          Sample Start Region (min): 0    Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500     Marker Baseline V to V?: Y      Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                    Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000661
Well Location: G9
**Created:** 10/28/2021 9:04 AM
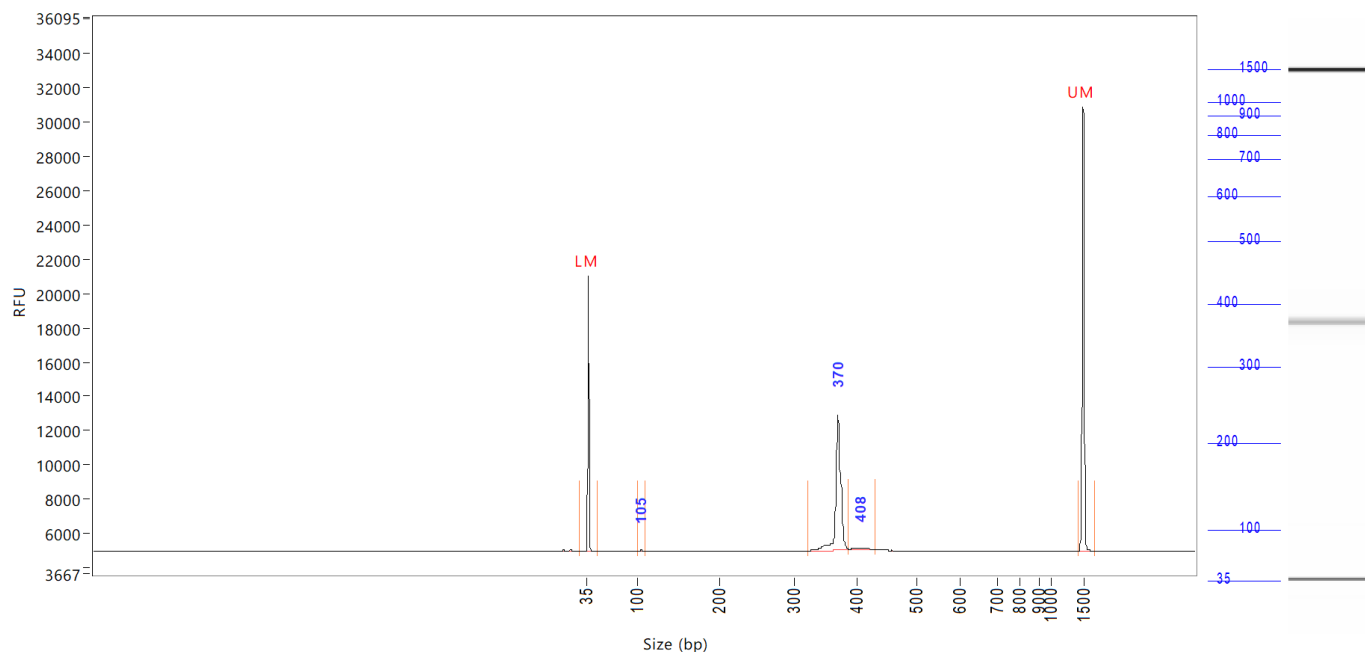
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3894	25	47	35	3.55	16043	49.130
2	105	0.0376	102	110	105	1.59	78	0.395
3	370	5.7980	323	387	369	2.05	7886	60.957
4	408	0.2966	387	431	406	2.47	138	3.119
5	1500 (UM)	0.5000	1413	1677	1497	1.12	25913	63.081

TIC:	6.1323	ng/uL
TIM:	27.6410	nmole/L
Total Conc.:	6.5048	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000662
**Well Location:** G10
Created: 10/28/2021 9:04 AM
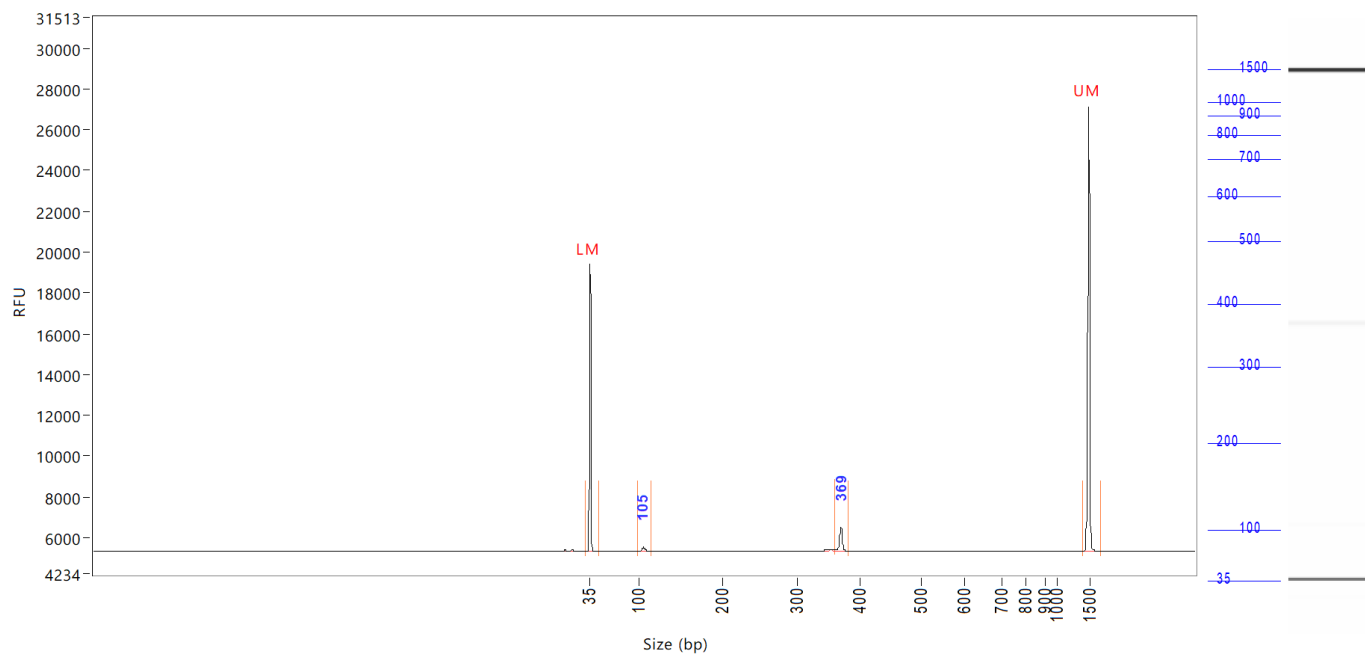
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4291	29	47	35	3.28	14099	43.168
2	105	0.1302	98	114	105	2.40	196	1.091
3	369	0.5670	360	381	368	0.65	1144	4.754
4	1500 (UM)	0.5000	1393	1673	1493	1.05	21808	50.304

|		
TIC:	0.6972	ng/uL
TIM:	4.5711	nmole/L
Total Conc.:	1.3043	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000663
Well Location: G11
Created: 10/28/2021 9:04 AM
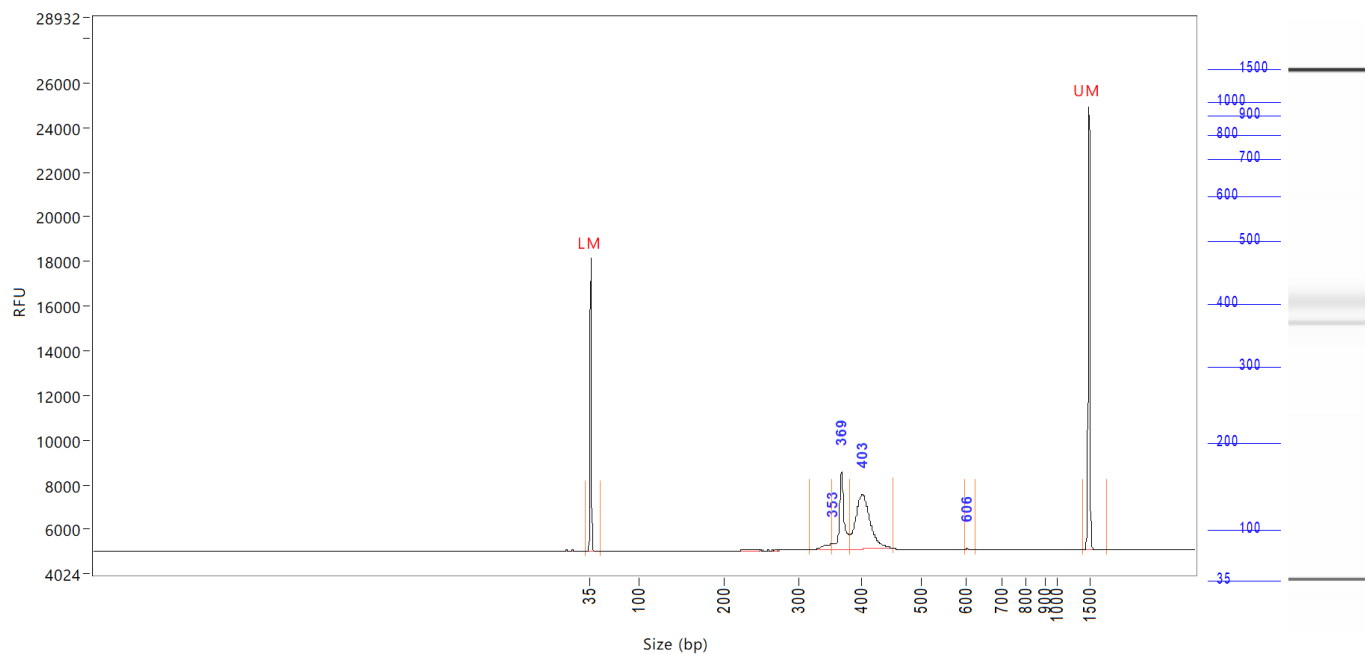
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4653	29	49	35	3.30	13125	40.267
2	353	0.5592	318	355	344	2.37	261	4.032
3	369	3.6850	355	382	370	1.45	3451	26.574
4	403	7.4468	382	454	405	3.02	2437	53.700
5	606	0.0374	601	630	612	1.34	65	0.270
6	1500 (UM)	0.5000	1401	1779	1494	1.19	19870	43.267

|		
TIC:	11.7284	ng/uL
TIM:	49.4126	nmole/L
Total Conc.:	12.3469	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Ladder
**Well Location:** G12
Created: 10/28/2021 9:04 AM
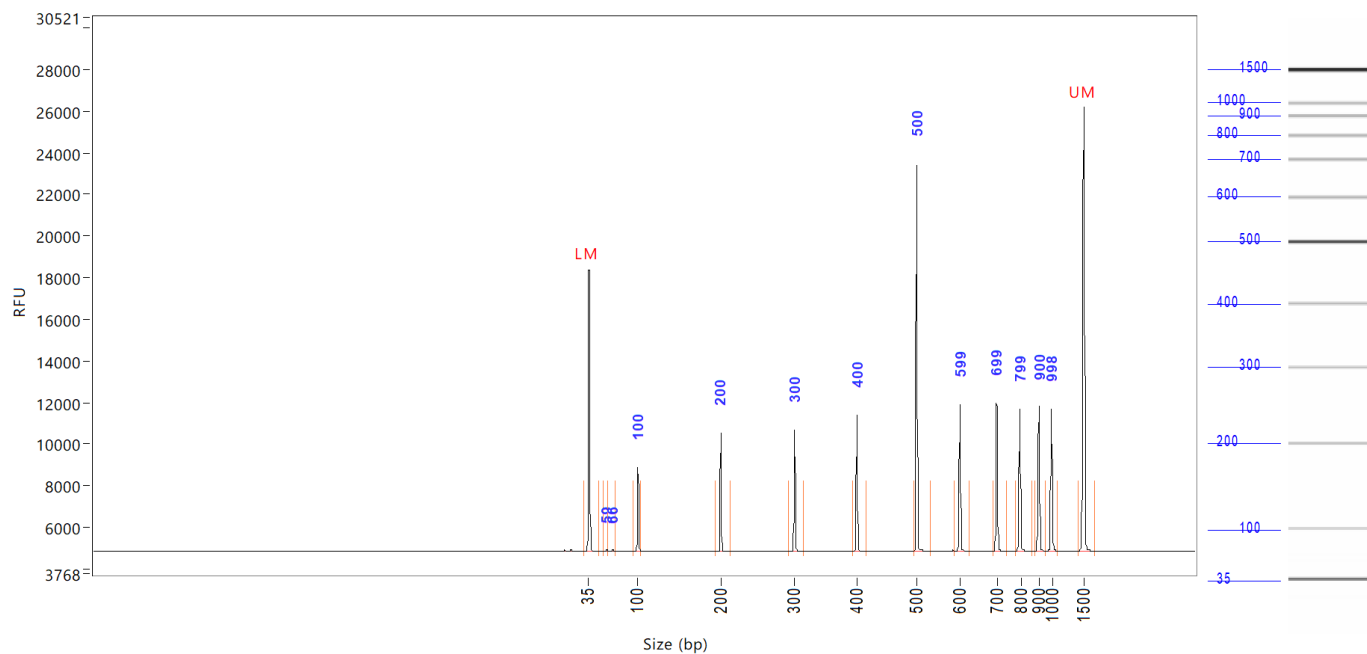
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4317	29	49	35	3.33	13532	42.035
2	59	0.0318	55	61	58	2.12	68	0.258
3	66	0.0393	61	72	66	3.24	70	0.319
4	100	1.2559	94	104	100	0.92	4028	10.190
5	200	1.5292	194	213	199	0.50	5678	12.407
6	300	1.5276	291	314	299	0.39	5846	12.394
7	400	1.5953	393	415	399	0.36	6574	12.944
8	500	4.4267	494	534	499	0.43	18519	35.915
9	599	1.7081	587	624	599	0.32	7064	13.859
10	699	1.6992	691	742	699	0.40	7122	13.786
11	799	1.7022	781	861	798	0.59	6843	13.811
12	900	1.7149	879	956	899	0.57	6928	13.914
13	998	1.7015	956	1075	996	0.82	6825	13.805
14	1500 (UM)	0.5000	1418	1673	1496	1.03	21385	48.681

TIC:	18.9318	ng/uL
TIM:	82.8698	nmole/L
Total Conc.:	19.3424	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000664
**Well Location:** H1
Created: 10/28/2021 9:04 AM
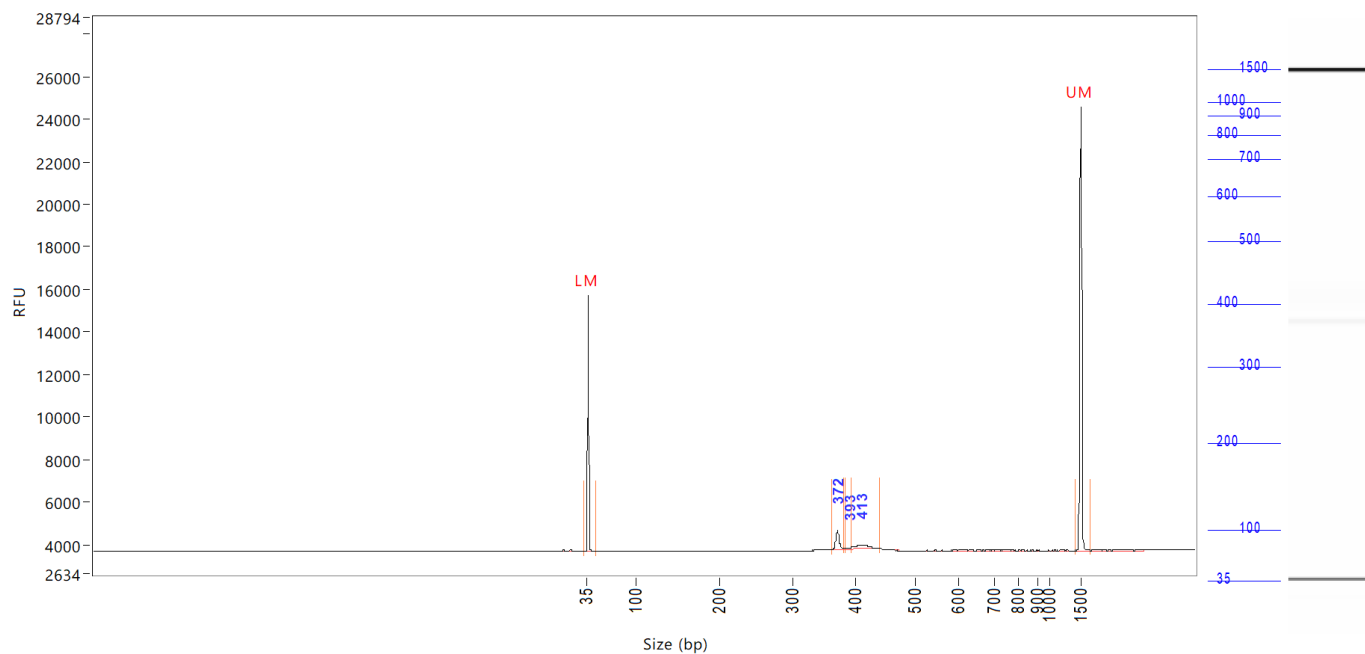
Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	35 (LM)	0.3827	31	47	35	3.28	12029	36.623
2	372	0.5789	363	382	372	0.77	877	4.617
3	393	0.0325	386	393	390	0.55	70	0.259
4	413	0.4818	393	442	412	2.57	167	3.843
5	1500 (UM)	0.5000	1422	1652	1497	1.03	20891	47.851

TIC:	1.0933	ng/uL
TIM:	4.6218	nmole/L
Total Conc.:	1.5555	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000665
**Well Location:** H2
Created: 10/28/2021 9:04 AM
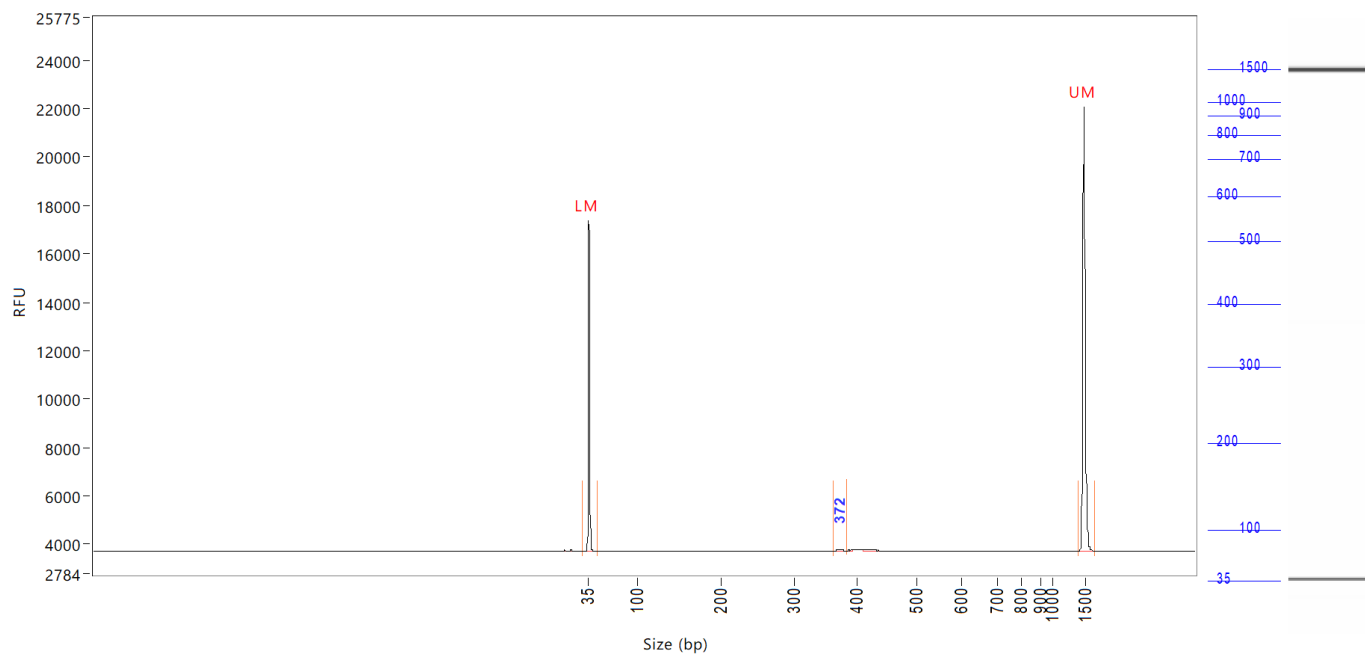
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3895	27	48	35	3.26	13662	41.649
2	372	0.0405	362	384	371	0.97	62	0.361
3	1500 (UM)	0.5000	1418	1677	1499	1.43	18373	53.470

TIC:	0.0405	ng/uL
TIM:	0.1794	nmole/L
Total Conc.:	0.4860	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Date Printed: 10/29/2021 8:10 AM

Sample: Oemik-000666
Well Location: H3
Created: 10/28/2021 9:04 AM
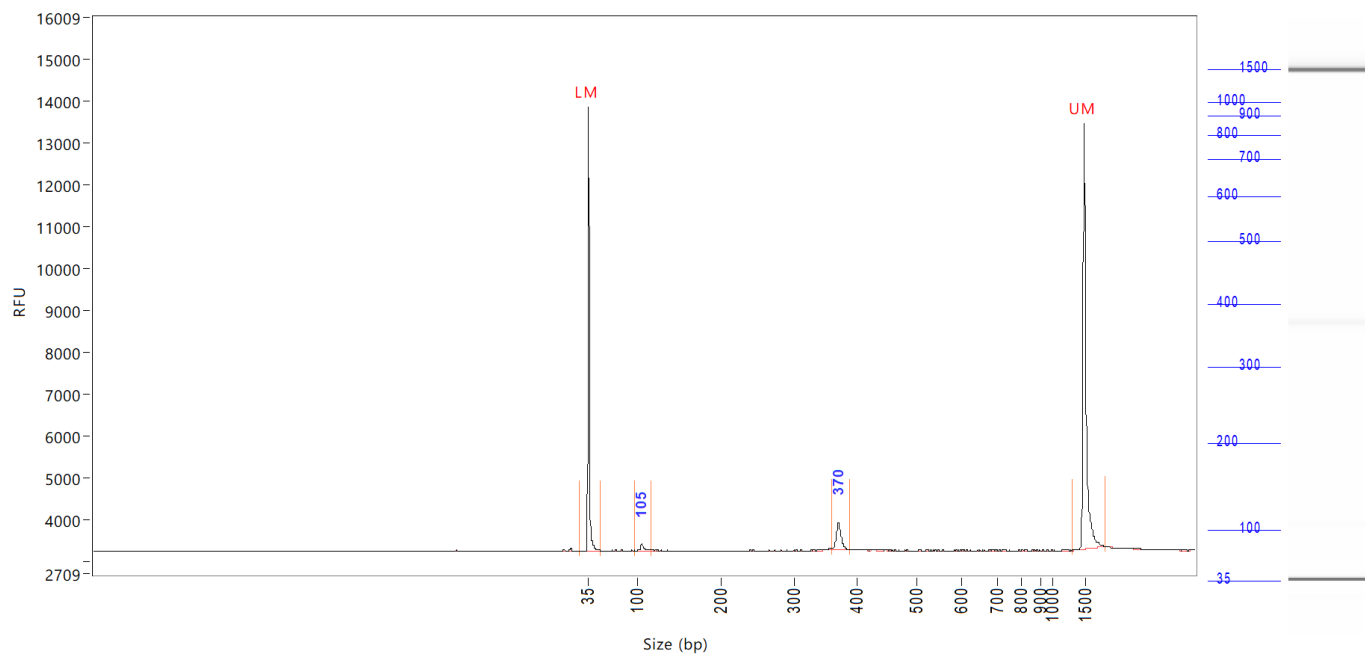
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4787	25	51	35	5.24	10628	35.740
2	105	0.1942	97	117	106	2.91	171	1.209
3	370	0.8317	359	388	371	1.23	672	5.175
4	1500 (UM)	0.5000	1306	1829	1515	3.10	10171	37.332

TIC:	1.0260	ng/uL
TIM:	6.6979	nmole/L
Total Conc.:	1.5170	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000667
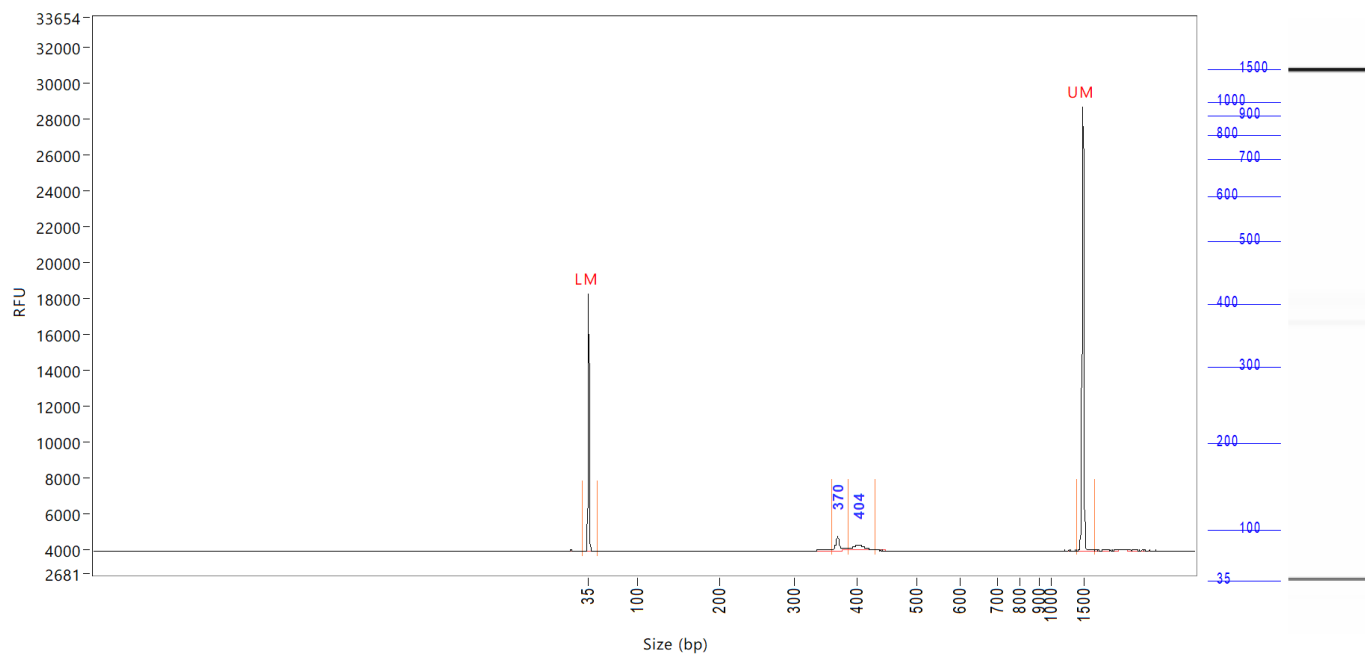**Well Location:** H4
Created: 10/28/2021 9:04 AM
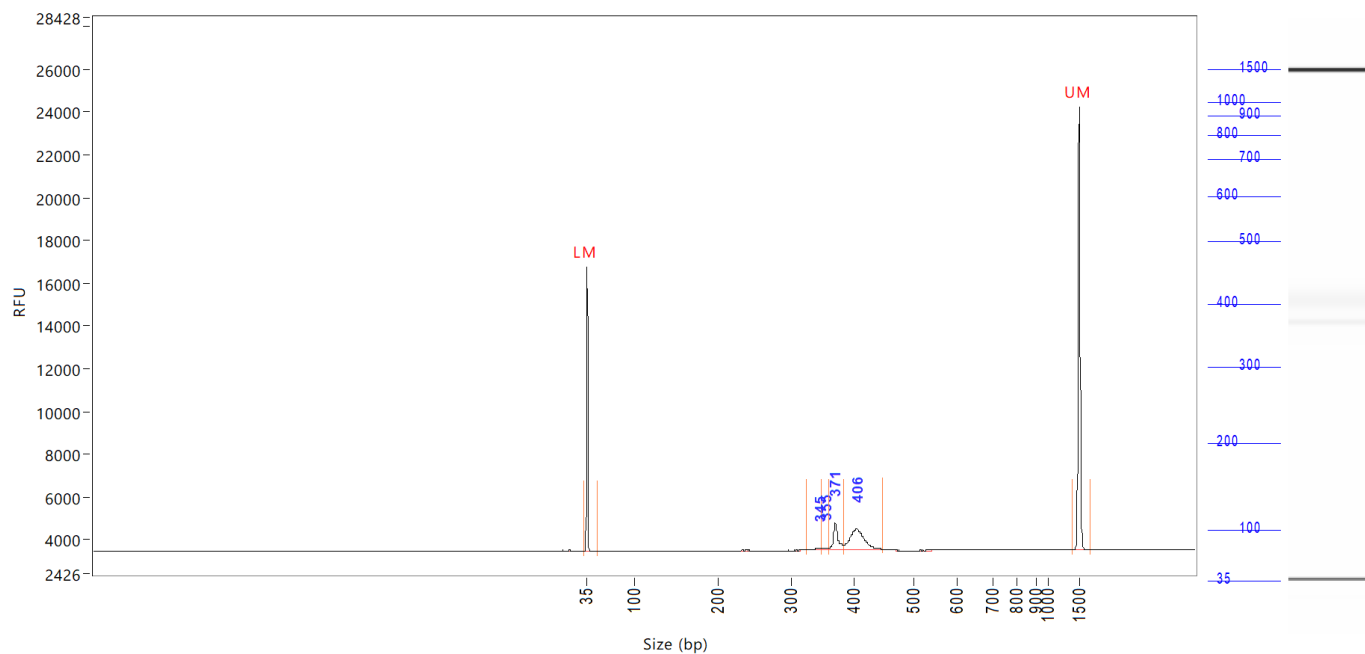
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3984	31	49	35	3.23	13296	40.547
2	345	0.1230	324	349	342	1.44	99	1.043
3	355	0.1186	349	360	355	0.95	107	1.006
4	371	1.1030	360	384	372	1.34	1238	9.354
5	406	2.4201	384	448	406	2.83	948	20.523
6	1500 (UM)	0.5000	1385	1673	1495	1.13	20740	50.882

TIC:	3.7648	ng/uL
TIM:	15.8272	nmole/L
Total Conc.:	4.1388	ng/uL

Sample: Oemik-000668
Well Location: H5
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3841	28	47	35	3.24	14357	43.264
2	370	0.5554	360	387	371	1.47	782	5.213
3	404	0.5618	387	433	405	2.28	282	5.273
4	1500 (UM)	0.5000	1409	1677	1496	1.03	24734	56.317

TIC:	1.1172	ng/uL
TIM:	4.7451	nmole/L
Total Conc.:	1.5107	ng/uL

```
Sample Peak Width (sec): 5     Sample Min Peak Height: 50      Sample Baseline V to V?: Y     Sample Baseline V to V pts: 3
Sample Filter: Binomial        # of Pts for Filter: 3          Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5     Marker Min Peak Height: 500     Marker Baseline V to V?: Y     Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Oemik-000669
**Well Location:** H6
Created: 10/28/2021 9:04 AM
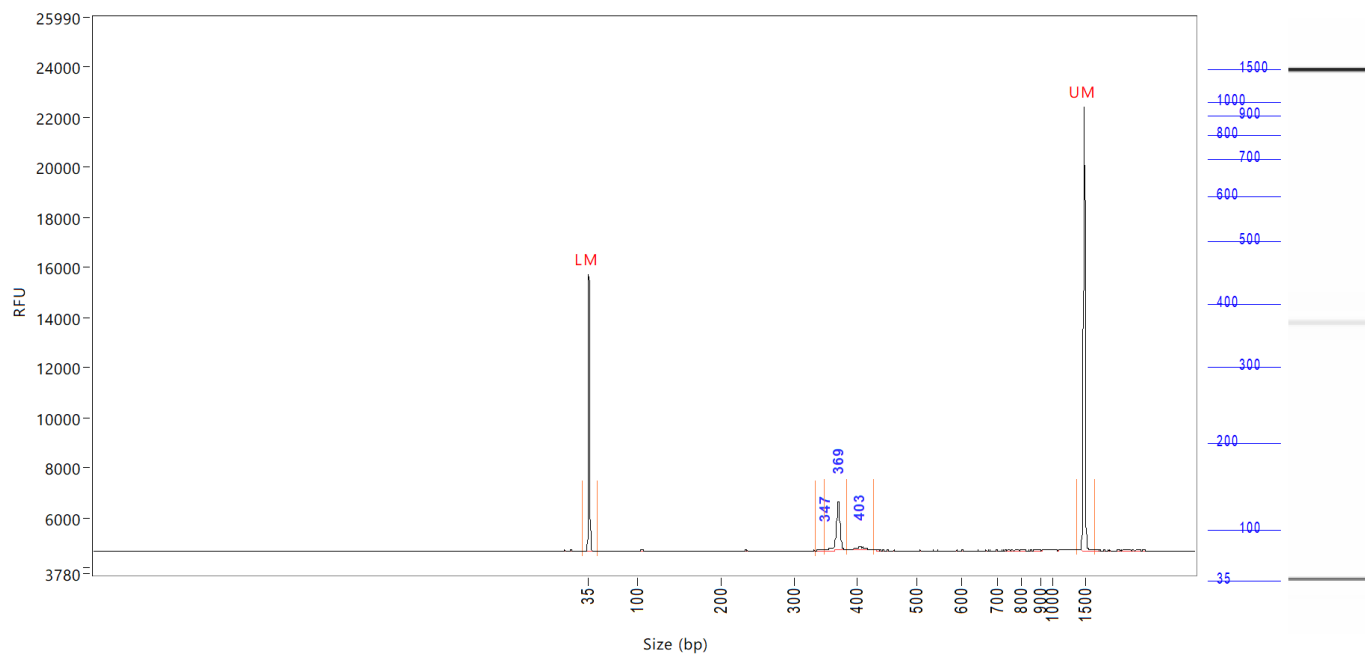
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4161	28	48	35	3.34	11032	33.866
2	347	0.0661	334	349	343	1.17	58	0.448
3	369	1.7044	349	383	368	1.19	1966	11.559
4	403	0.2905	383	427	404	2.13	112	1.970
5	1500 (UM)	0.5000	1393	1668	1497	1.05	17732	40.691

|		
TIC:	2.0610	ng/uL
TIM:	9.1197	nmole/L
Total Conc.:	2.6970	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000670
Well Location: H7
Created: 10/28/2021 9:04 AM
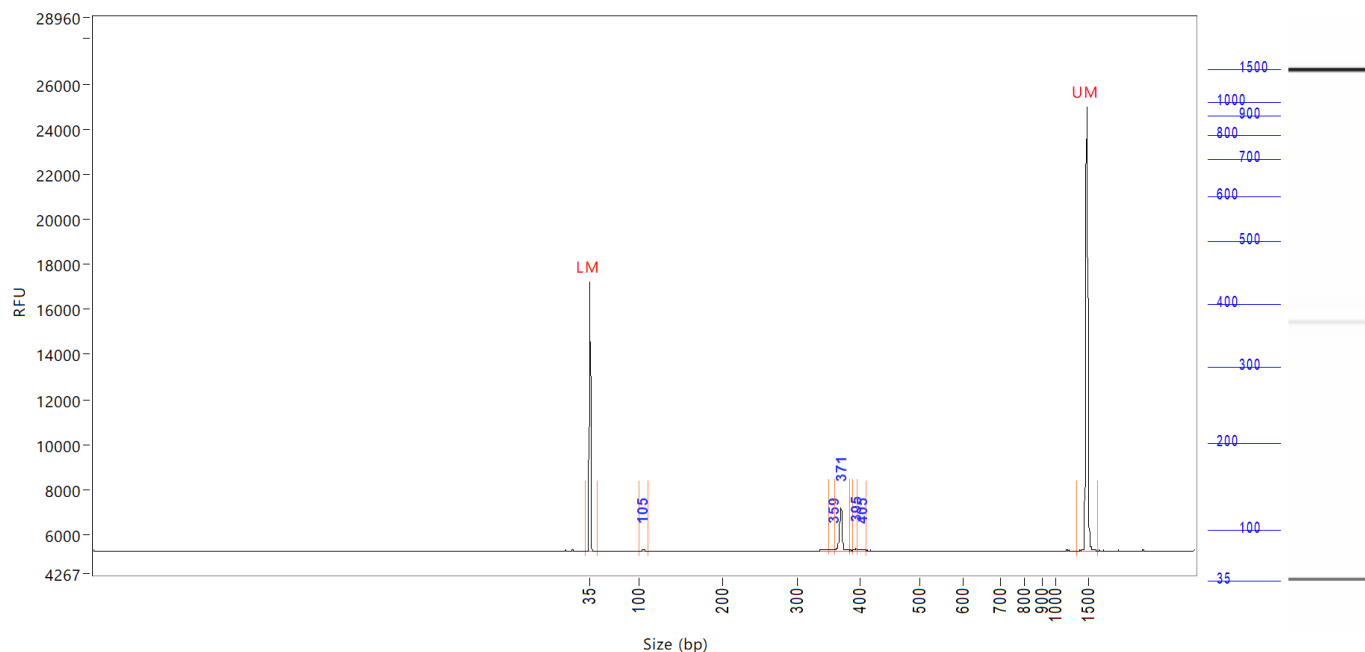
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3879	30	47	35	3.22	11966	36.929
2	105	0.0534	101	112	105	2.04	71	0.423
3	359	0.0451	353	362	358	0.69	55	0.358
4	371	0.9819	362	384	370	0.67	1875	7.790
5	395	0.0365	389	397	394	0.48	79	0.289
6	405	0.0573	397	412	404	0.89	60	0.454
7	1500 (UM)	0.5000	1343	1664	1497	1.19	19728	47.602

|		
TIC:	1.1741	ng/uL
TIM:	5.7934	nmole/L
Total Conc.:	1.7931	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000671
Well Location: H8
Created: 10/28/2021 9:04 AM
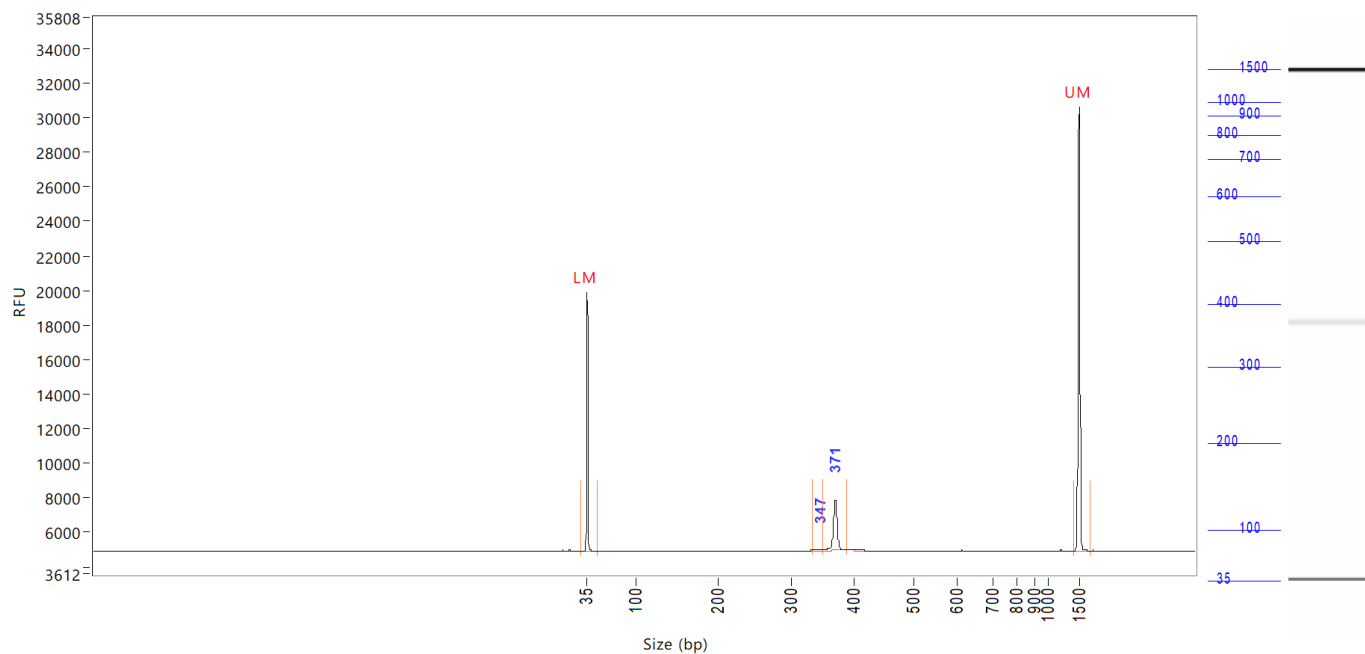
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3771	27	49	35	3.41	14936	45.398
2	347	0.0773	334	351	344	1.24	79	0.775
3	371	1.7605	351	389	369	1.14	2932	17.661
4	1500 (UM)	0.5000	1409	1685	1497	1.05	25722	60.191

TIC:	1.8378	ng/uL
TIM:	8.2191	nmole/L
Total Conc.:	2.2947	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000672
**Well Location:** H9
Created: 10/28/2021 9:04 AM
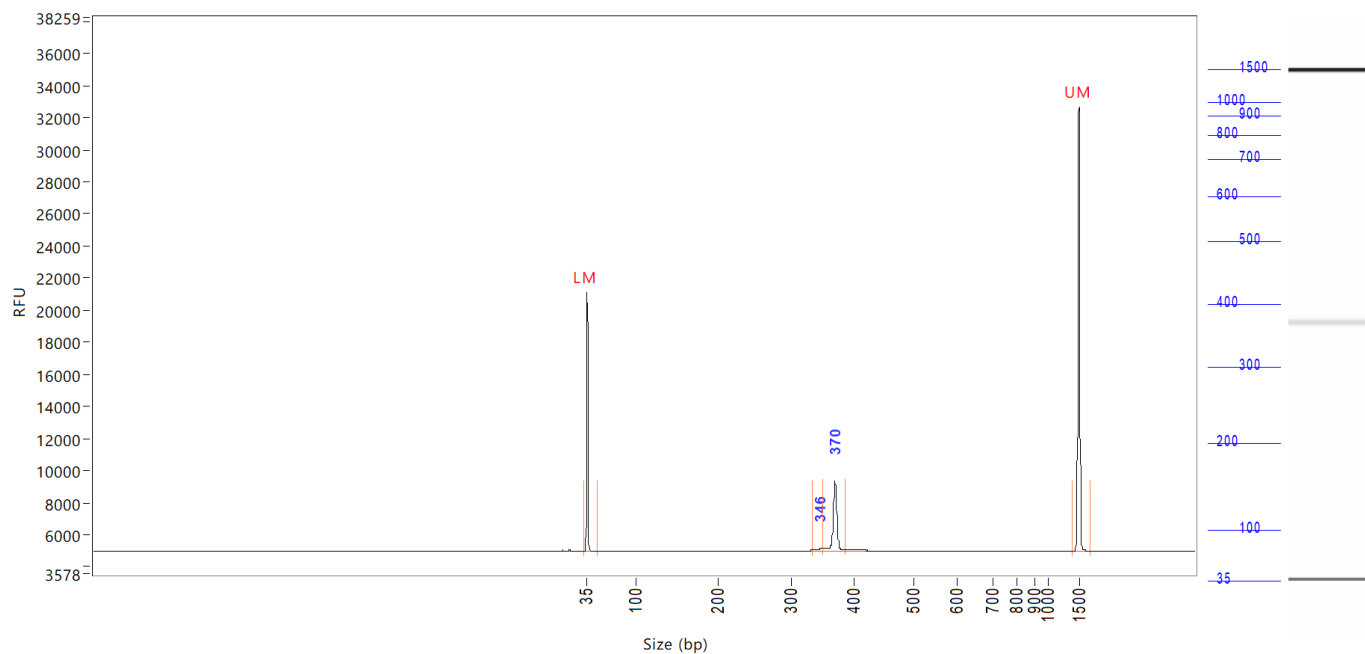
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3819	30	49	35	3.43	16141	49.704
2	346	0.1101	333	351	344	1.32	121	1.194
3	370	2.3312	351	387	369	1.16	4321	25.285
4	1500 (UM)	0.5000	1389	1677	1494	1.07	27714	65.080

TIC:	2.4412	ng/uL
TIM:	10.9200	nmole/L
Total Conc.:	2.9185	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000673
Well Location: H10
**Created:** 10/28/2021 9:04 AM
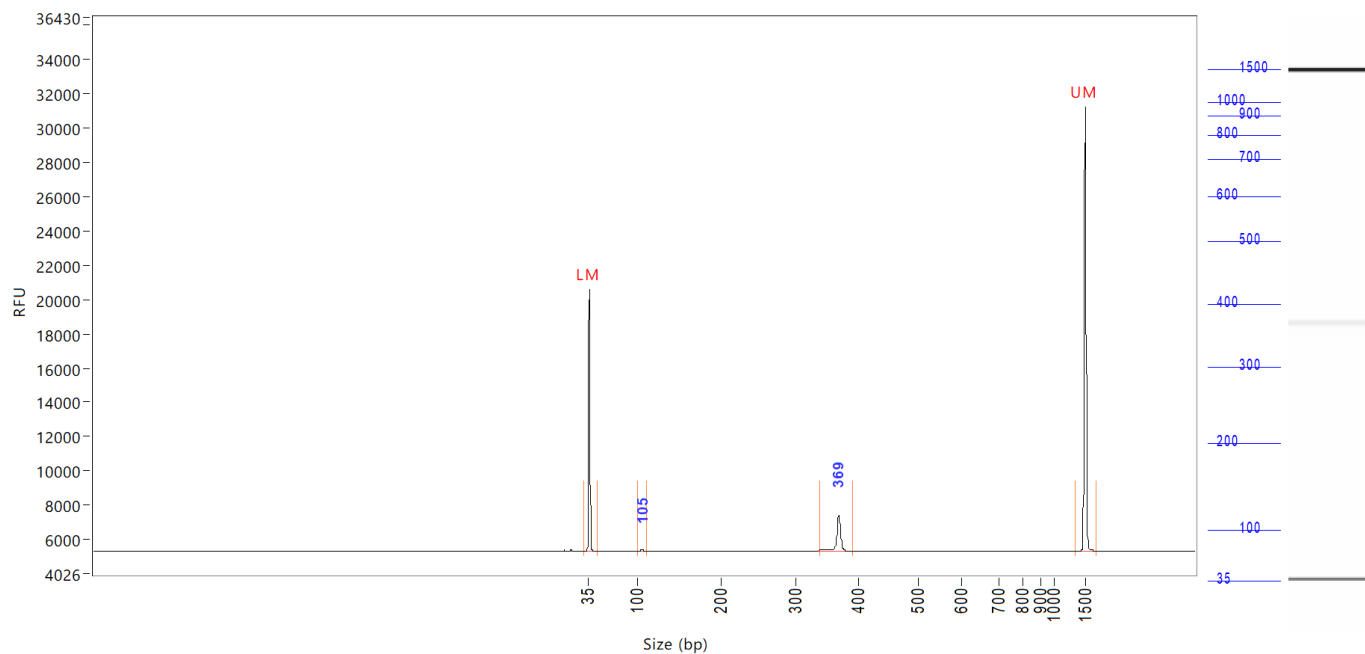
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.3864	29	47	35	3.25	15217	46.699
2	105	0.0369	99	110	105	2.10	51	0.371
3	369	1.2706	339	392	368	1.65	2093	12.797
4	1500 (UM)	0.5000	1352	1681	1496	1.10	25898	60.429

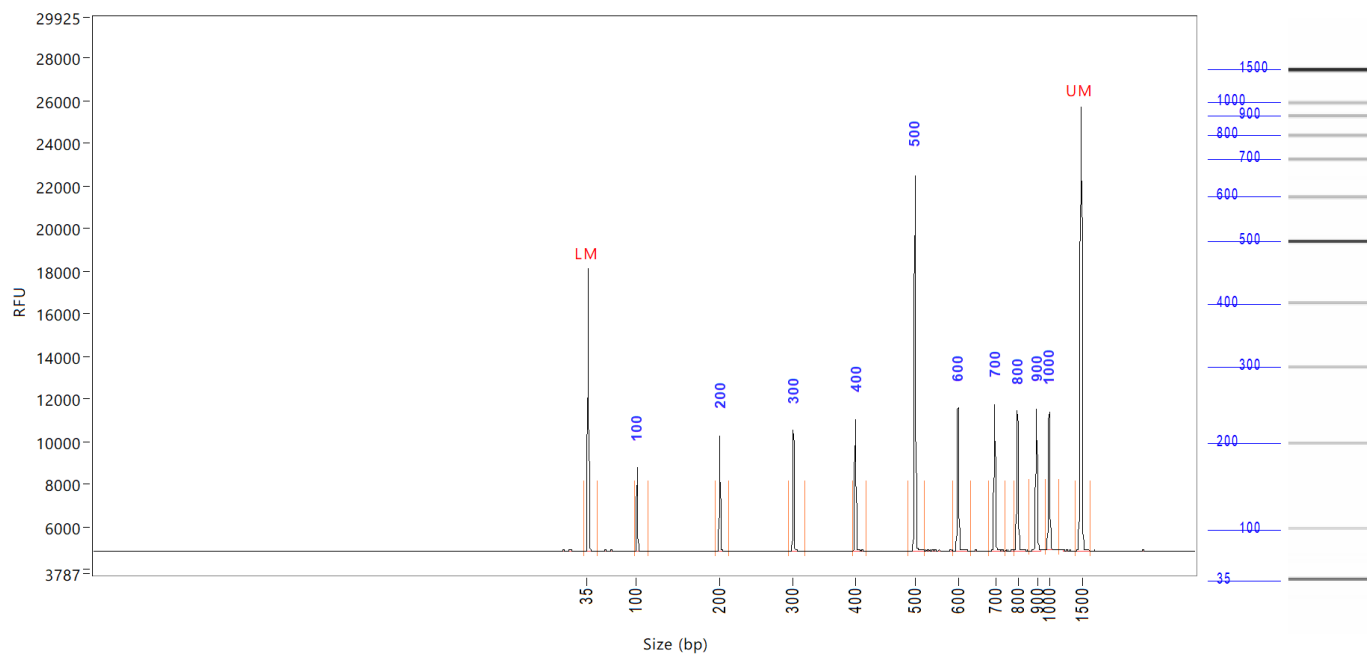|		
TIC:	1.3075	ng/uL
TIM:	6.2570	nmole/L
Total Conc.:	1.7877	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

Sample: Oemik-000674
Well Location: H11
Created: 10/28/2021 9:04 AM
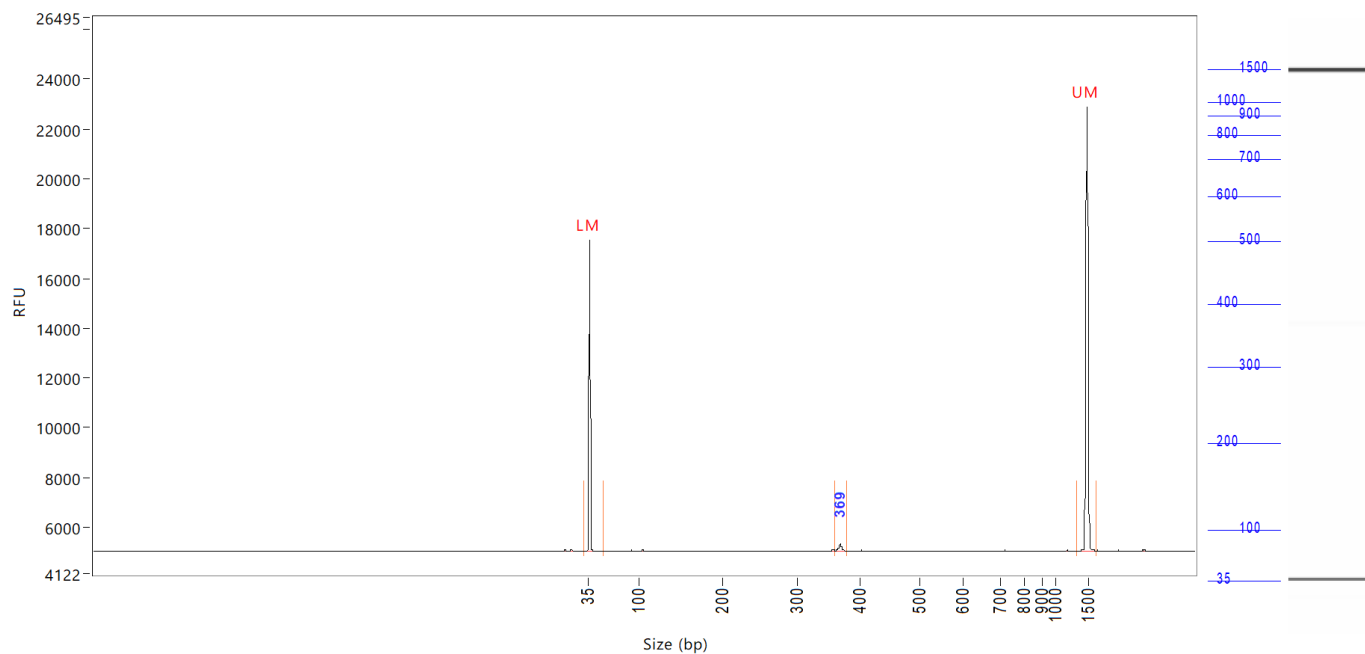
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4287	27	55	35	4.03	12522	38.640
2	369	0.1610	362	379	369	0.70	254	1.209
3	1500 (UM)	0.5000	1343	1652	1495	1.16	17877	45.069

TIC:	0.1610	ng/uL
TIM:	0.7177	nmole/L
Total Conc.:	0.8112	ng/uL

Sample Peak Width (sec): 5   Sample Min Peak Height: 50   Sample Baseline V to V?: Y   Sample Baseline V to V pts: 3
Sample Filter: Binomial   # of Pts for Filter: 3   Sample Start Region (min): 0   Sample End Region (min): 70
Marker Peak Width (sec): 5   Marker Min Peak Height: 500   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker   Final Concentration (ng/uL): 0.5000   Dilution Factor: 12.0

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Sample: Ladder
Well Location: H12
Created: 10/28/2021 9:04 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	35 (LM)	0.4296	29	49	35	3.35	13244	40.532
2	100	1.2604	97	115	100	1.27	3909	9.911
3	200	1.5601	195	214	200	0.64	5434	12.267
4	300	1.5784	294	321	300	0.63	5650	12.412
5	400	1.6563	396	419	400	0.47	6179	13.024
6	500	4.6426	489	525	500	0.40	17610	36.506
7	600	1.8277	589	637	600	0.50	6697	14.372
8	700	1.7966	686	745	700	0.51	6867	14.127
9	800	1.7888	784	862	799	0.62	6548	14.066
10	900	1.7926	862	971	899	0.66	6624	14.095
11	1000	1.7642	971	1158	999	1.05	6474	13.872
12	1500 (UM)	0.5000	1418	1652	1496	1.00	20880	47.179

TIC:	19.6678	ng/uL
TIM:	83.3796	nmole/L
Total Conc.:	20.1773	ng/uL

```
Sample Peak Width (sec): 5      Sample Min Peak Height: 500    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial         # of Pts for Filter: 3         Sample Start Region (min): 0  Sample End Region (min): 70
Marker Peak Width (sec): 5      Marker Min Peak Height: 500    Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU                   Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker          Final Concentration (ng/uL): 0.5000          Dilution Factor: 12.0
```

Sample: Ladder
Well Location: H12
Created: 10/28/2021 9:04 AM
Fit Type: Point to Point