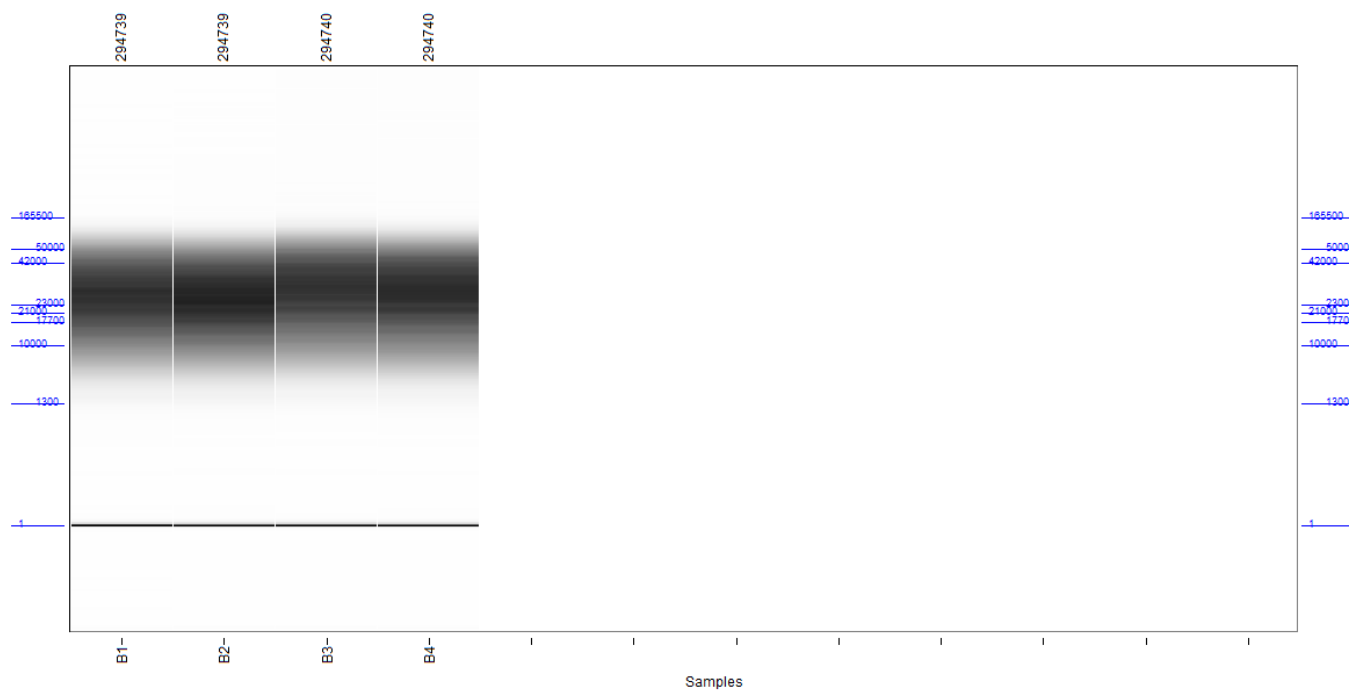


FEMTO Pulse Run Summary:**Filename and Data Path:** C:\AATI\Data\2024 05 22\09-48-03\2024 05 22 09H 48M.raw**Created:** 5/22/2024 10:05 AM**# of Capillaries:** 4**Array Serial #:** 040919-02USFP**Effect Length:** 22 cm**Array Usage Count:** 541**FEMTO Pulse Version #:** 1.0.0.32**Device Serial #:** F12143**METHOD INFORMATION****Method Name:** FP-1002-22 - gDNA 165Kb.mthds**Gel Prime:** No**Full Conditioning:** Yes**Gel Prime to Buffer:** No**Gel Selection:** Gel 1**Perform Prerun:** -5.0 kV, 60 sec.**Rinse:** No**Marker 1:** No**Rinse:** Tray: 3, Row: A, # Dips: 1**Sample Injection:** -5.0 kV, 30 sec.**Separation:** 70.0 min.**Tray Name:** Tray-2**Analysis Mode:** gDNA**NOTES**

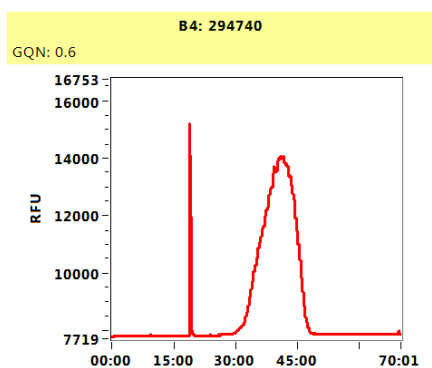
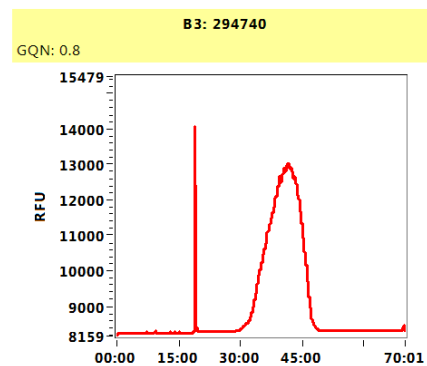
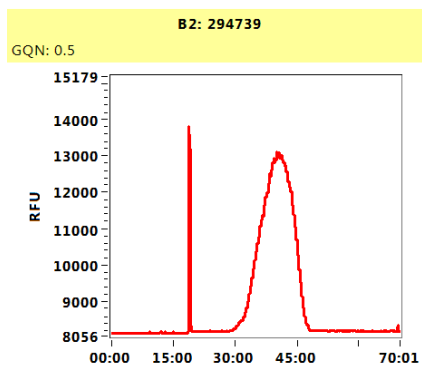
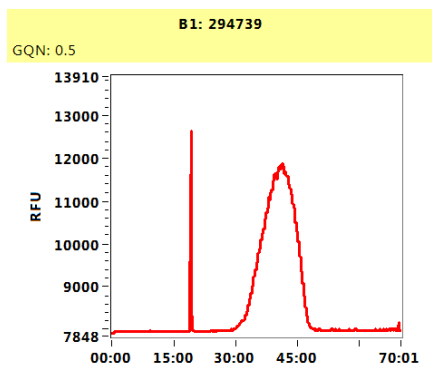
Time Shift: Using configured: slope=0.00025, intercept=0.0

Gel Image

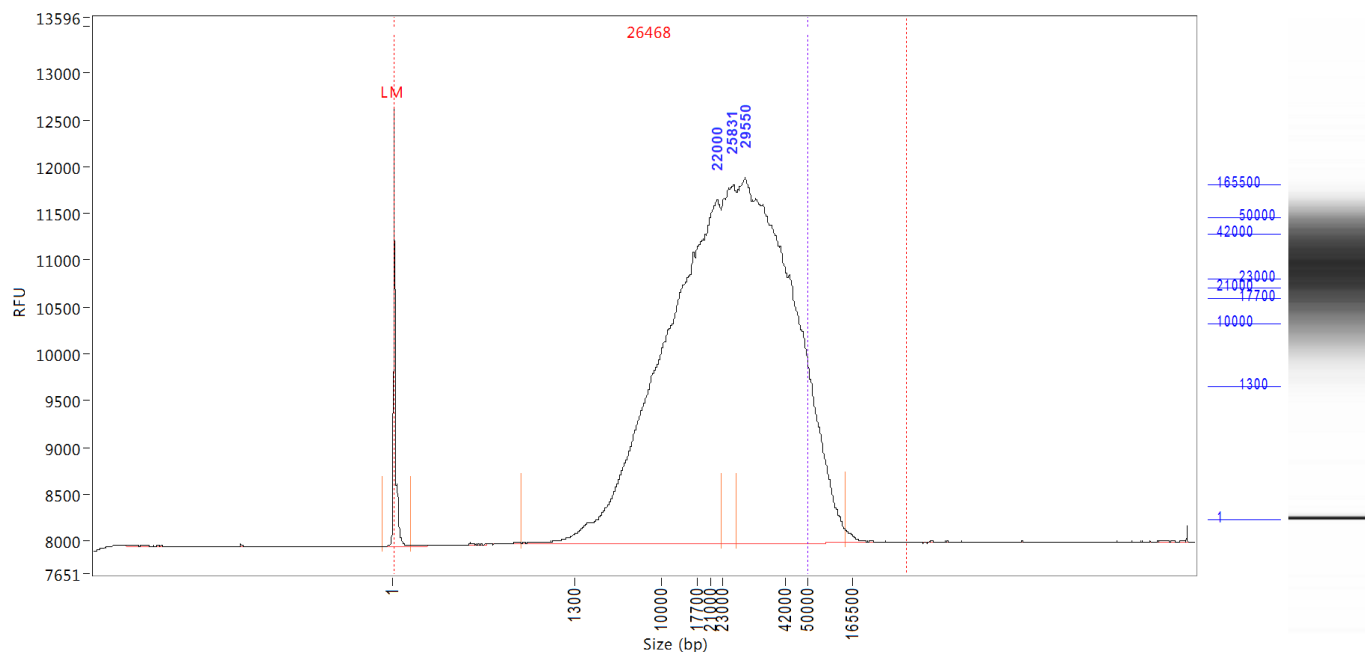


GQN Summary

Filename and Data Path: C:\AATI\Data\2024 05 22\09-48-03\2024 05 22 09H 48M.raw



Sample: 294739
Well Location: B1
Created: 5/22/2024 10:05 AM



Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0021	0	128	5	312.20	4706	34.700
2	22000	0.2545	910	22637	13741	41.11	3677	428.868
3	25831	0.0550	22637	26962	24661	5.36	3837	92.598
4	29550	0.2280	26962	144804	41926	41.17	3904	384.180

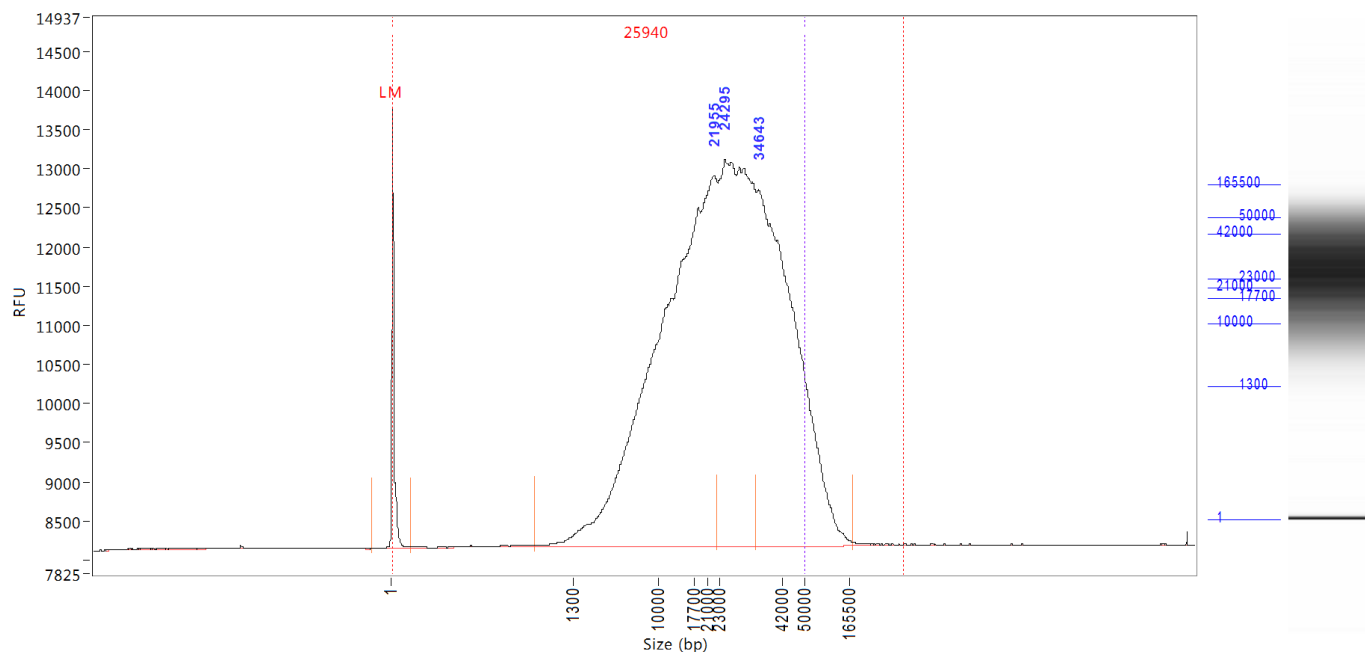
TIC: 0.5375 ng/uL
TIM: 0.0431 nmole/L
Total Conc.: 0.5382 ng/uL

GQN: 0.5
Threshold: 50000

Smear Analysis 1 bp to 300000 bp 0.5517 ng/ul 102.5 %Total 0.0343 nmole/L 26468 Avg. Size (bp) 73.10 %CV

Sample Peak Width (sec): 20 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
Manual Baseline Start (min): 25 Manual Baseline End (min): 70
Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 10.0
Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: 294739
Well Location: B2
Created: 5/22/2024 10:05 AM



Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0021	0	130	5	389.12	5652	42.159
2	21955	0.2697	1019	22500	13670	40.81	4737	552.133
3	24295	0.1405	22500	33915	27894	12.17	4939	287.586
4	34643	0.1494	33915	175464	47575	40.25	4556	305.832

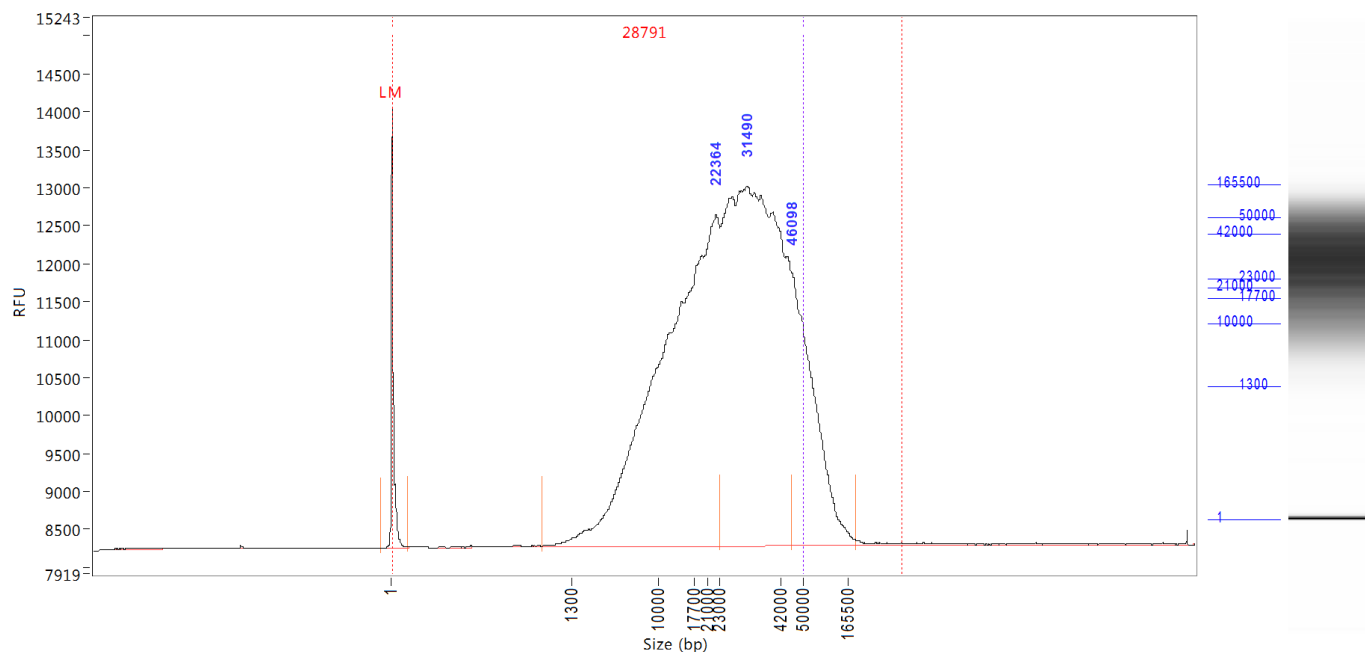
TIC: 0.5596 ng/uL
TIM: 0.0459 nmole/L
Total Conc.: 0.5604 ng/uL

GQN: 0.5
Threshold: 50000

Smear Analysis 1 bp to 300000 bp 0.5724 ng/ul 102.1 %Total 0.0363 nmole/L 25940 Avg. Size (bp) 74.20 %CV

Sample Peak Width (sec): 20 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
Manual Baseline Start (min): 25 Manual Baseline End (min): 70
Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 10.0
Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: 294740
Well Location: B3
Created: 5/22/2024 10:05 AM



Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0021	0	120	5	339.49	5818	43.940
2	22364	0.2350	1075	23001	14152	40.37	4369	501.493
3	31490	0.2264	23001	46098	33763	18.98	4737	483.085
4	46098	0.0595	46098	182771	70867	40.24	3586	127.052

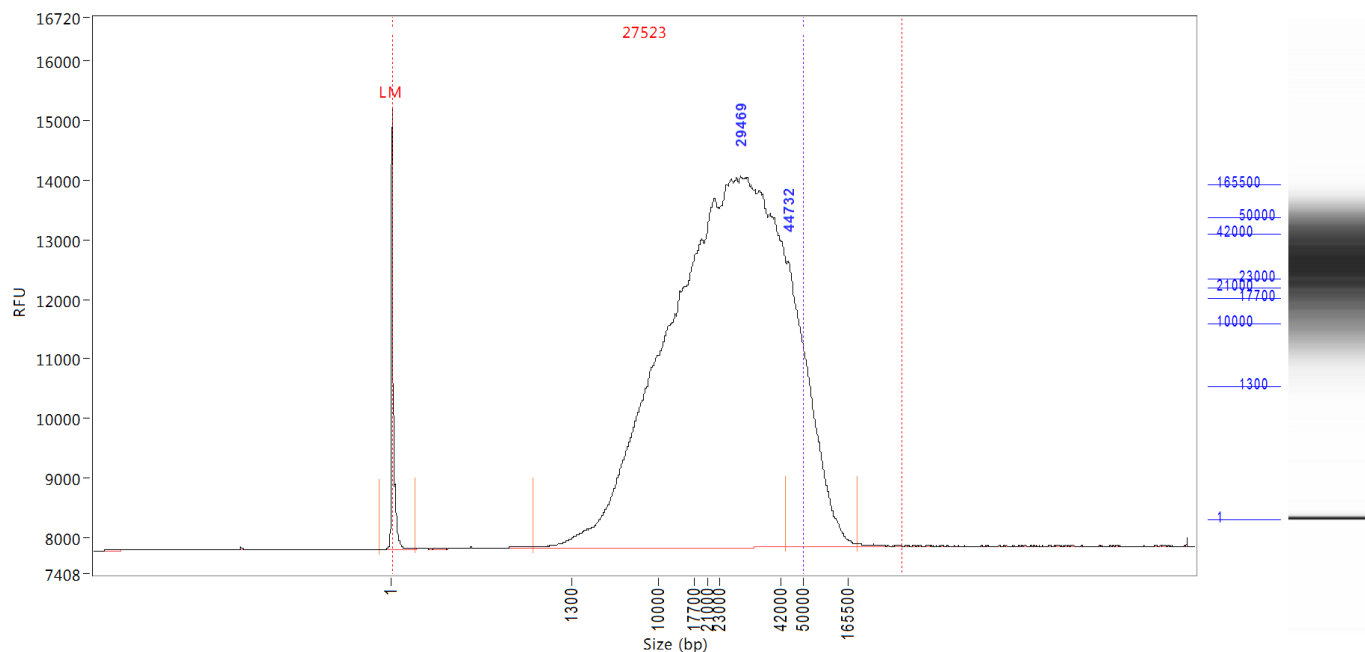
TIC: 0.5210 ng/uL
TIM: 0.0398 nmole/L
Total Conc.: 0.5230 ng/uL

GQN: 0.8
Threshold: 50000

Smear Analysis 1 bp to 300000 bp 0.5343 ng/ul 102.2 %Total 0.0306 nmole/L 28791 Avg. Size (bp) 78.66 %CV

Sample Peak Width (sec): 20 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
Manual Baseline Start (min): 25 Manual Baseline End (min): 70
Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 10.0
Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: 294740
Well Location: B4
Created: 5/22/2024 10:05 AM



Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0021	0	171	6	360.52	7418	55.744
2	29469	0.4699	1013	43854	22723	48.55	6217	1271.982
3	44732	0.0685	43854	188086	63585	40.81	4796	185.403

TIC: 0.5384 ng/uL
TIM: 0.0358 nmole/L
Total Conc.: 0.5405 ng/uL

GQN: 0.6
Threshold: 50000

Smear Analysis 1 bp to 300000 bp 0.5519 ng/ul 102.1 %Total 0.0330 nmole/L 27523 Avg. Size (bp) 75.73 %CV

Sample Peak Width (sec): 20 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
Manual Baseline Start (min): 25 Manual Baseline End (min): 70
Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 10.0
Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: ladder
Well Location: B12
Created: 5/22/2024 10:05 AM
Fit Type: Point to Point

Calibration Curve

