Filename: 2021-10-22 - 12.45.03.RNA
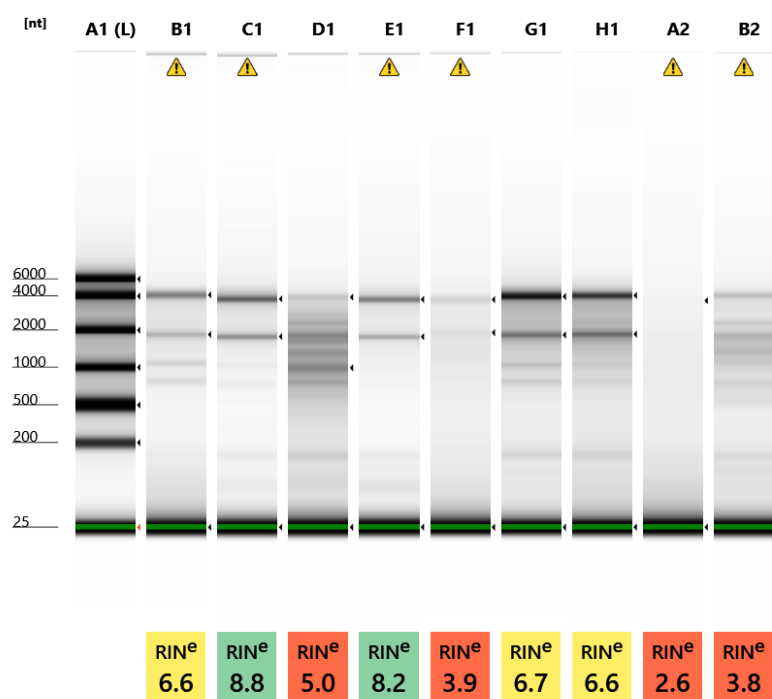

Default image (Contrast 100%)

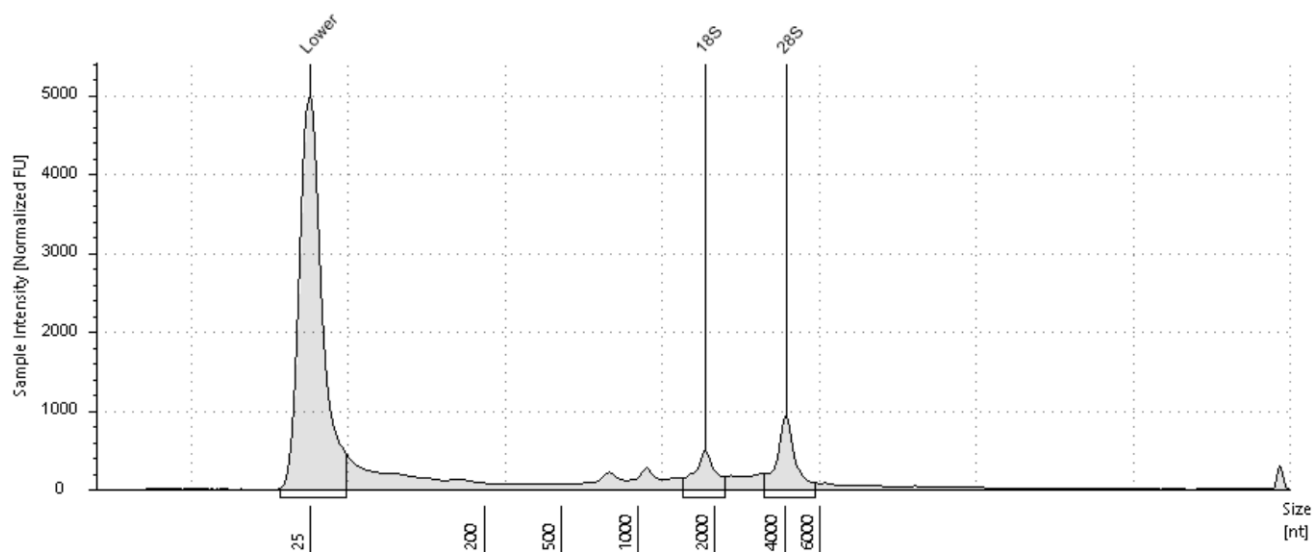## Sample Info

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	126	Ladder		Ladder
B1	6.6	1.7	18.2	161	⚠	Sample concentration outside functional range for RINe and the assay
C1	8.8	1.7	17.0	185	⚠	Sample concentration outside functional range for RINe and the assay
D1	5.0	0.3	33.5	417		The upper ribosomal fragment has degraded
E1	8.2	1.7	14.4	483	⚠	Sample concentration outside functional range for RINe and the assay
F1	3.9	0.9	14.2	701	⚠	Sample concentration outside functional range for RINe and the assay
G1	6.7	1.6	34.1	705		
H1	6.6	0.9	32.4	707		
A2	2.6	-	12.1	919	⚠	Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded
B2	3.8	0.6	20.1	925	⚠	Sample concentration outside functional range for RINe and the assay

A1: Ladder
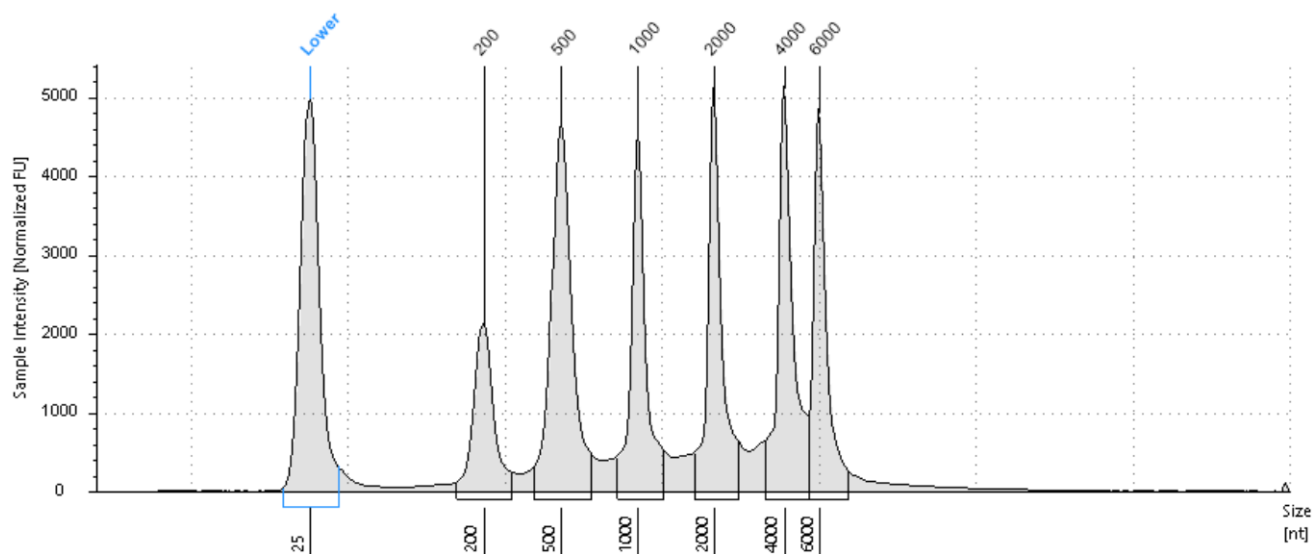
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	126	Ladder		Ladder

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
200	11.1	-	163	9.96		
500	25.9	-	152	23.37		
1000	17.6	-	51.9	15.91		
2000	19.0	-	27.9	17.10		
4000	20.7	-	15.2	18.67		
6000	16.6	-	8.15	14.99		

B1: 161

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	6.6	1.7	18.2	161	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1840	2.20	-	3.52	36.88		18S
4099	3.77	-	2.70	63.12		28S

C1: 185
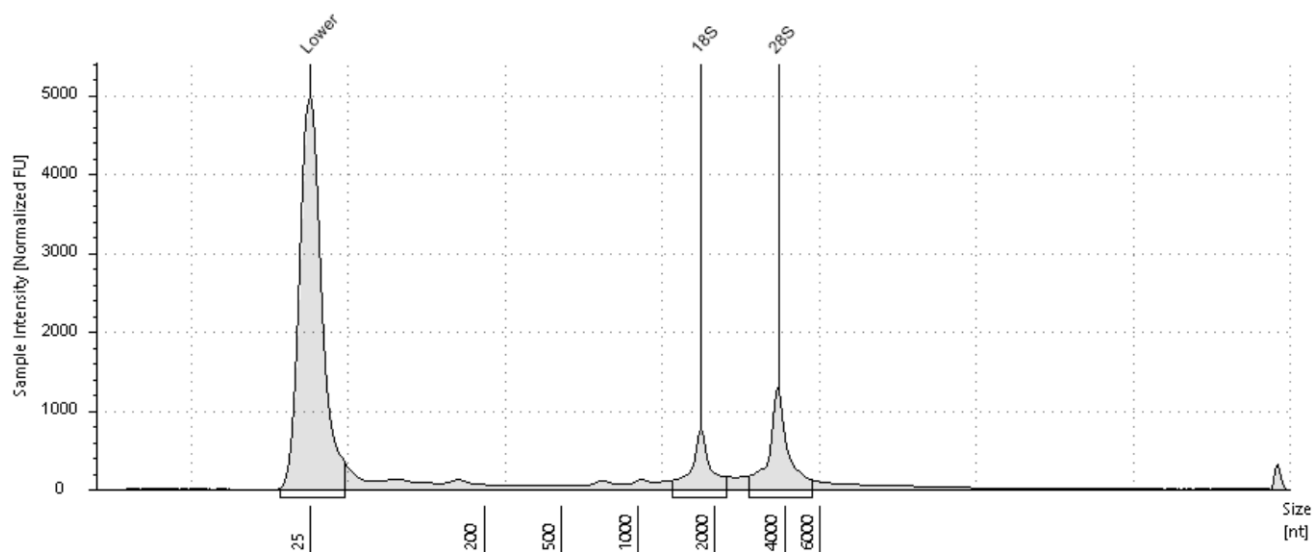
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	8.8	1.7	17.0	185	⚠️	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1773	3.20	-	5.30	36.62		18S
3770	5.53	-	4.32	63.38		28S

D1: 417
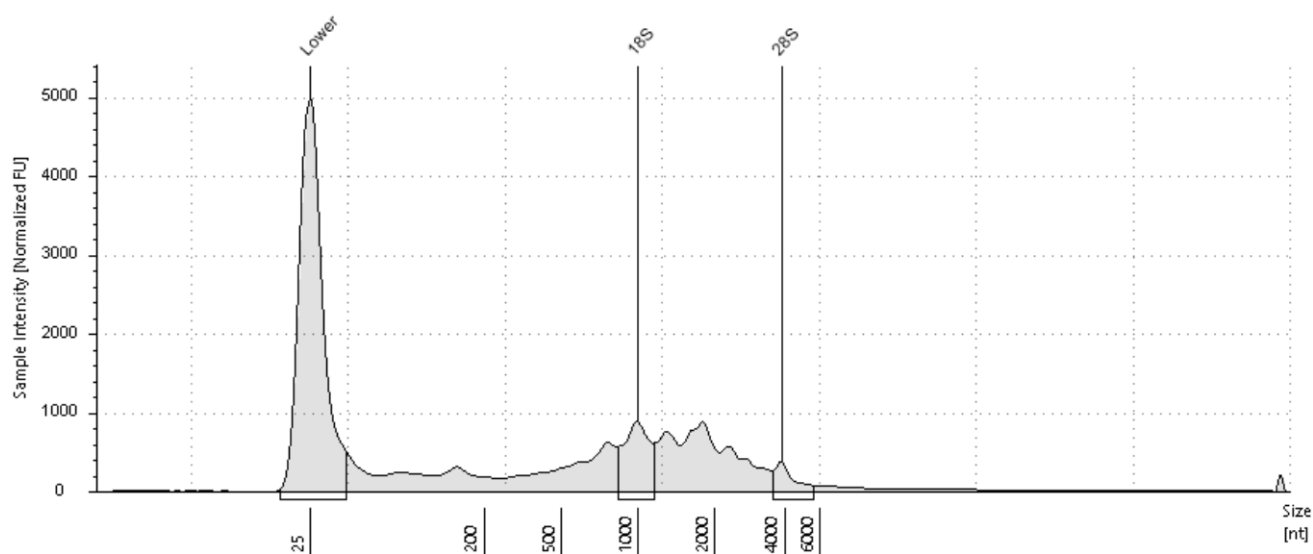
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	5.0	0.3	33.5	417		The upper ribosomal fragment has degraded

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	%Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
990	4.76	-	14.1	75.73		18S
3910	1.53	-	1.15	24.27		28S

E1: 483
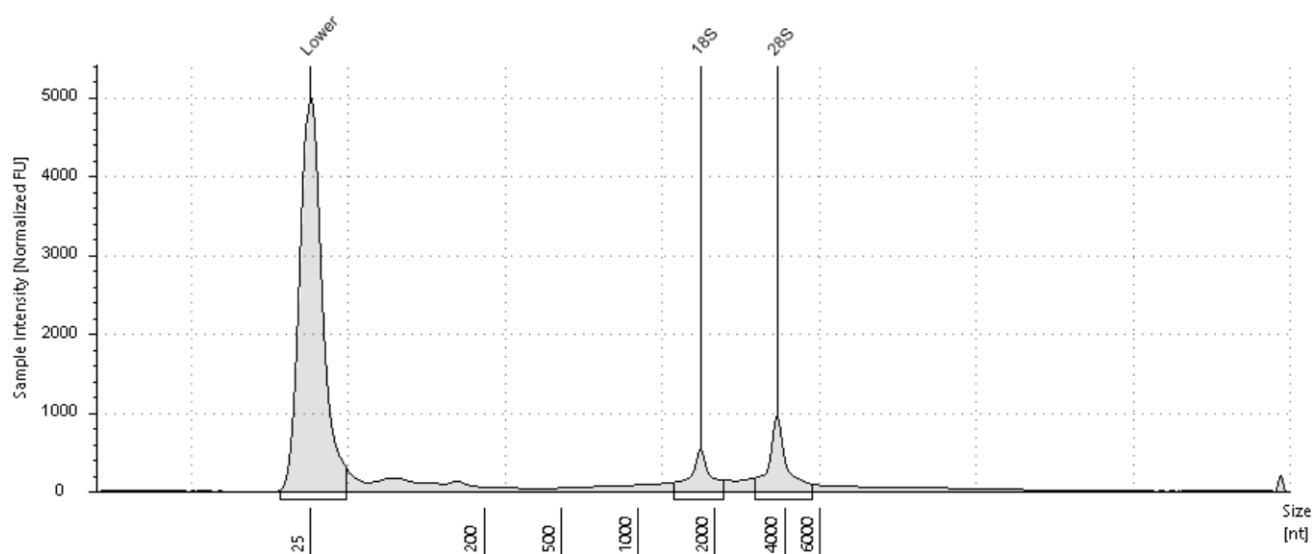
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
E1	8.2	1.7	14.4	483	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1760	2.24	-	3.74	37.36		18S
3718	3.75	-	2.97	62.64		28S

F1: 701
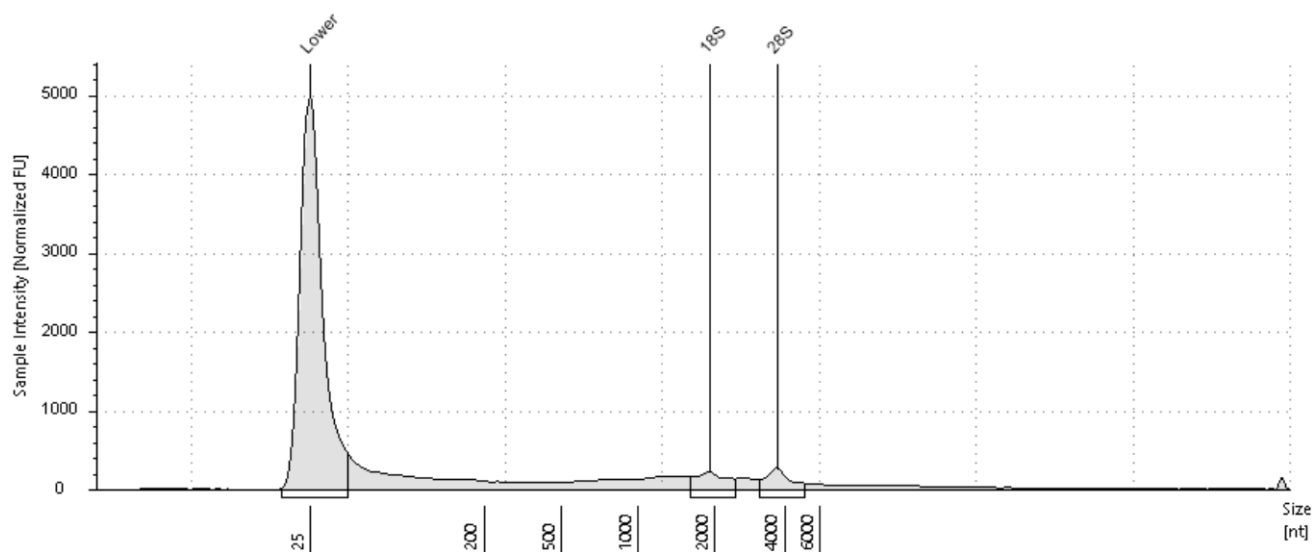
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
F1	3.9	0.9	14.2	701	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1905	1.45	-	2.24	51.54		18S
3715	1.37	-	1.08	48.46		28S

G1: 705
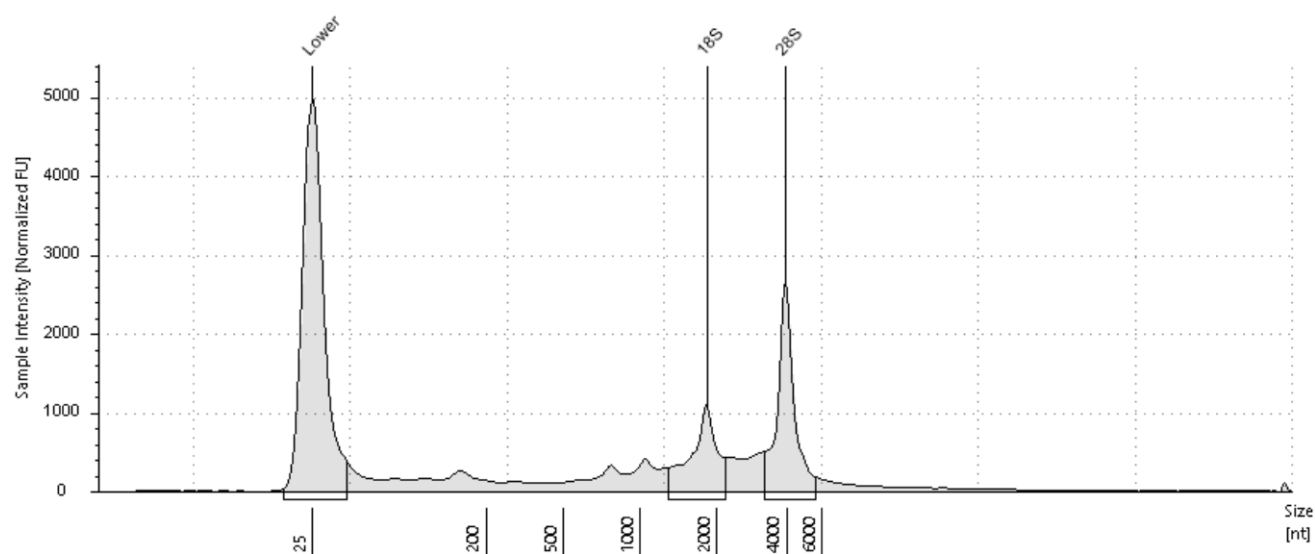
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
G1	6.7	1.6	34.1	705		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1823	6.39	-	10.3	38.20		18S
3951	10.3	-	7.69	61.80		28S

H1: 707
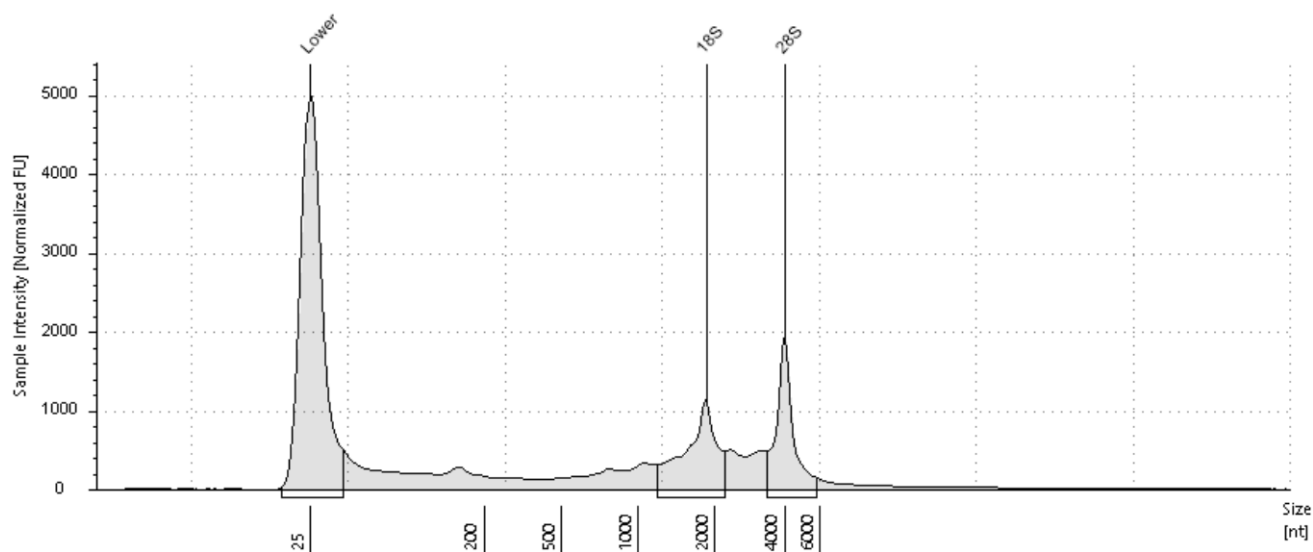
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H1	6.6	0.9	32.4	707		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1851	7.46	-	11.9	51.56		18S
4048	7.01	-	5.09	48.44		28S

A2: 919
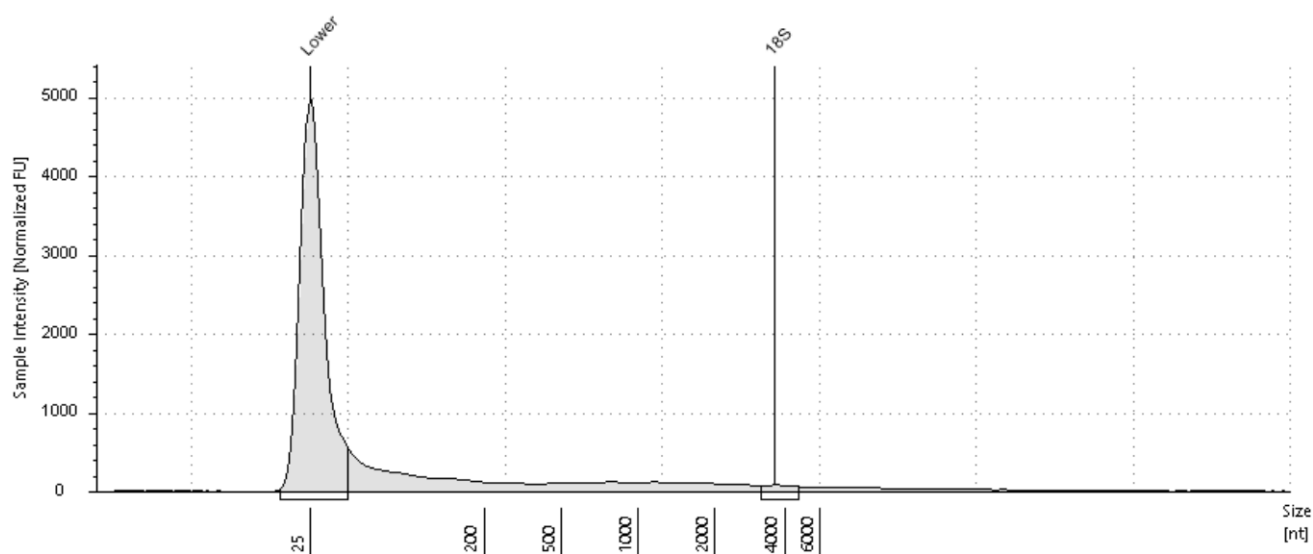
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	2.6	-	12.1	919	⚠	Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
3641	0.471	-	0.381	100.00		18S

B2: 925
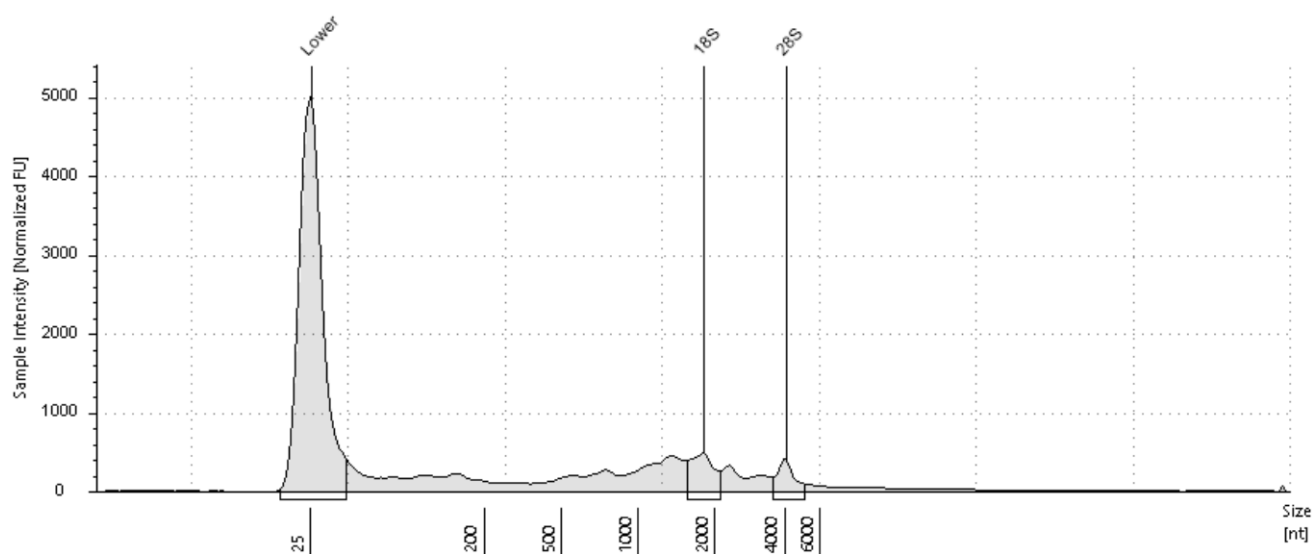
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B2	3.8	0.6	20.1	925	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1794	2.50	-	4.09	64.08		18S
4053	1.40	-	1.02	35.92		28S