Filename: 2021-09-30 - 13.48.52.RNA
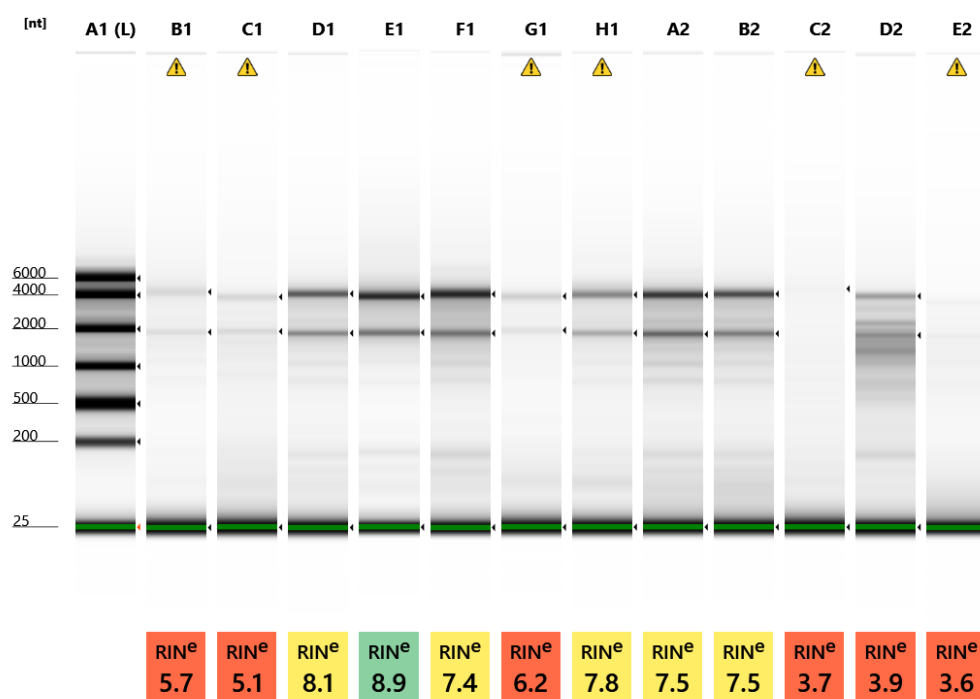

Default image (Contrast 100%)

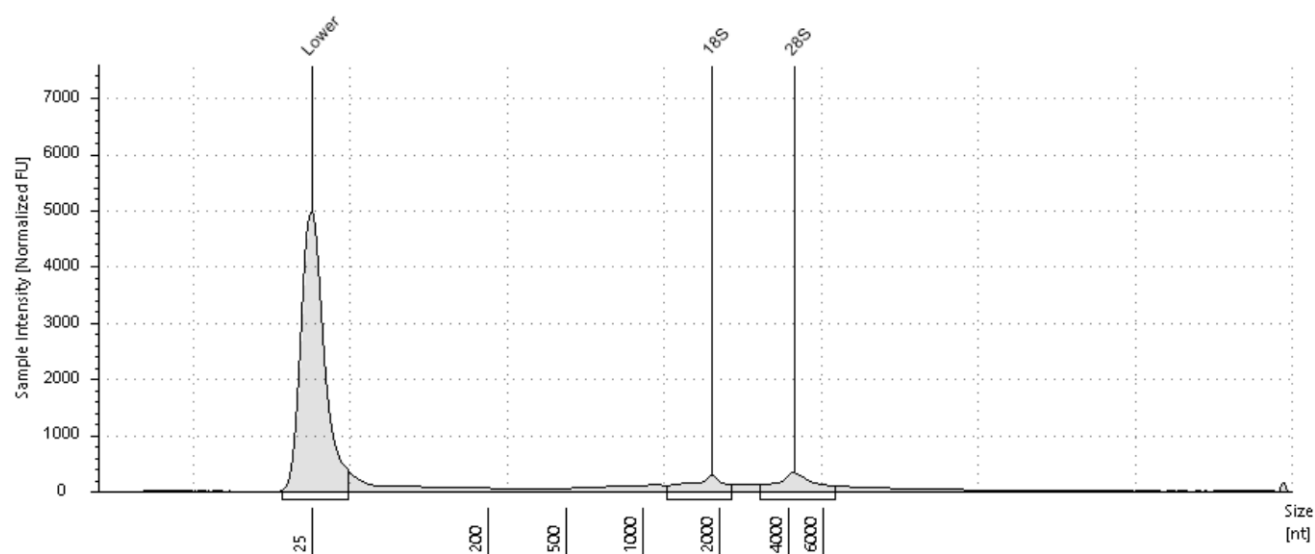## Sample Info

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	166	Ladder		Ladder
B1	5.7	1.3	11.6	11	⚠	Sample concentration outside functional range for RINe and the assay
C1	5.1	1.1	14.7	35	⚠	Sample concentration outside functional range for RINe and the assay
D1	8.1	1.5	25.8	65		
E1	8.9	1.8	37.8	327		
F1	7.4	1.8	43.3	329		
G1	6.2	1.5	11.9	337	⚠	Sample concentration outside functional range for RINe and the assay
H1	7.8	1.4	20.2	637	⚠	Sample concentration outside functional range for RINe and the assay
A2	7.5	1.4	38.4	643		
B2	7.5	1.4	32.7	655		
C2	3.7	-	10.8	849	⚠	Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded
D2	3.9	0.5	35.7	851		
E2	3.6	0.7	12.1	855	⚠	Sample concentration outside functional range for RINe and the assay

A1: Ladder
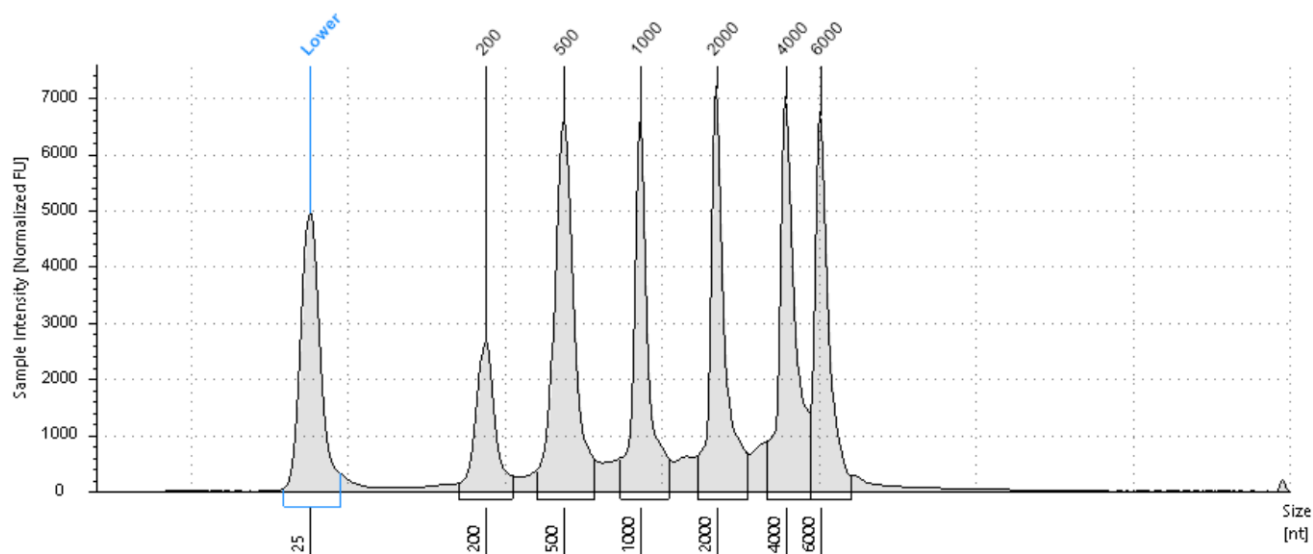
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	166	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	12.8	-	188	8.51		
500	34.1	-	201	22.79		
1000	23.9	-	70.4	15.97		
2000	26.3	-	38.7	17.56		
4000	28.4	-	20.9	18.98		
6000	24.2	-	11.9	16.18		

B1: 11

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	5.7	1.3	11.6	11	⚠	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
1898	1.92	-	2.97	43.63		18S
4360	2.48	-	1.67	56.37		28S

C1: 35
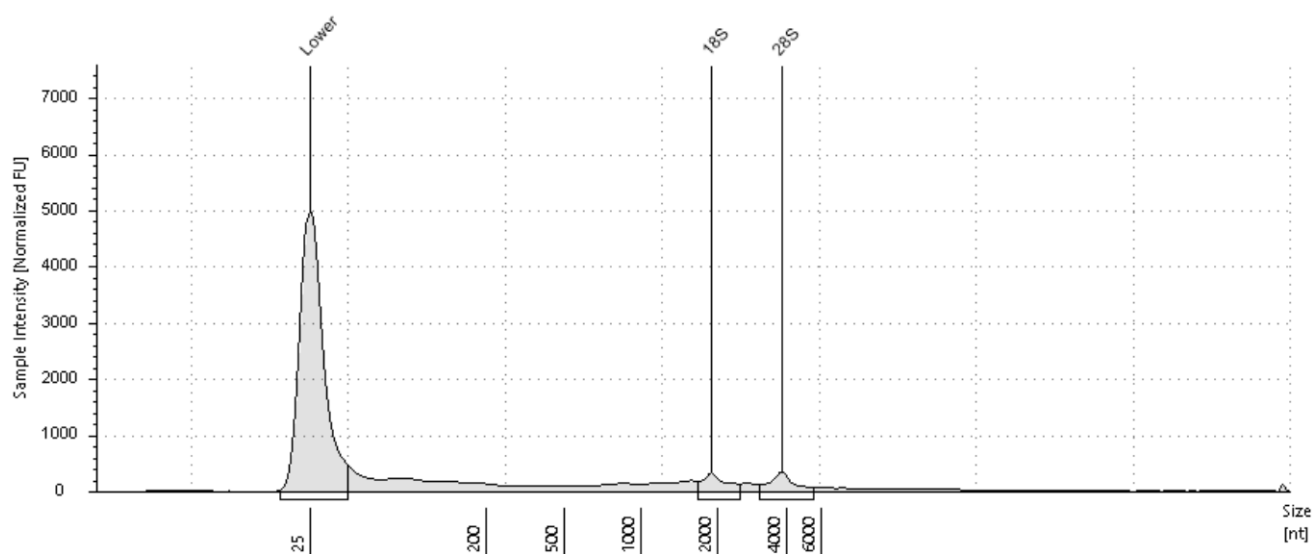
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	5.1	1.1	14.7	35	⚠	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
1914	1.52	-	2.33	47.97		18S
3855	1.65	-	1.26	52.03		28S

D1: 65
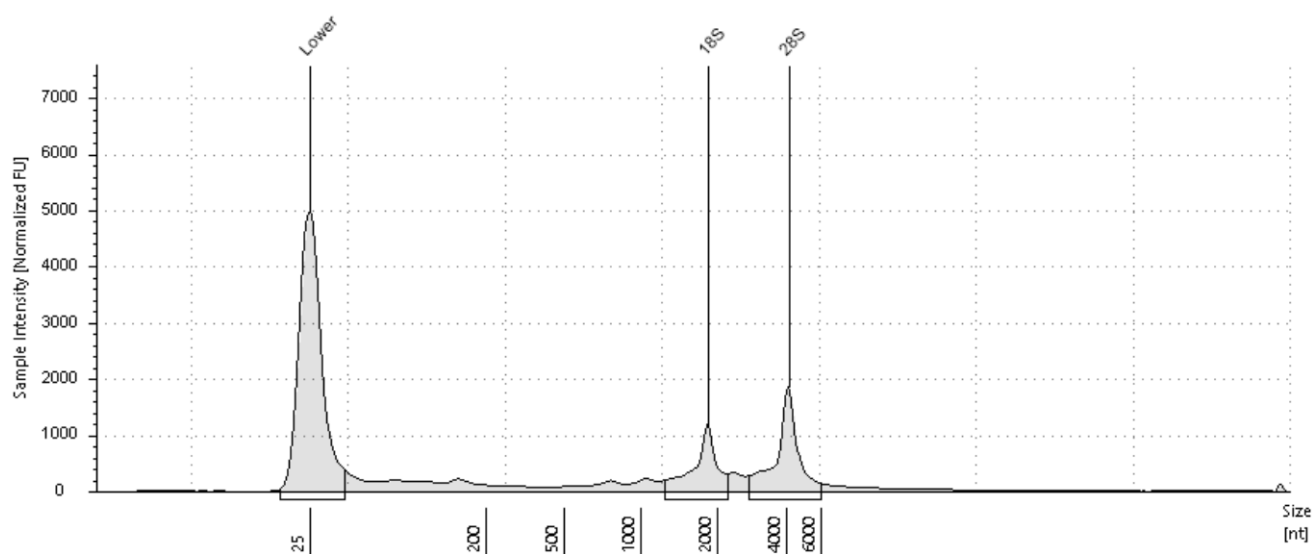
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	8.1	1.5	25.8	65		

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
1859	5.61	-	8.87	40.24		18S
4159	8.33	-	5.89	59.76		28S

E1: 327
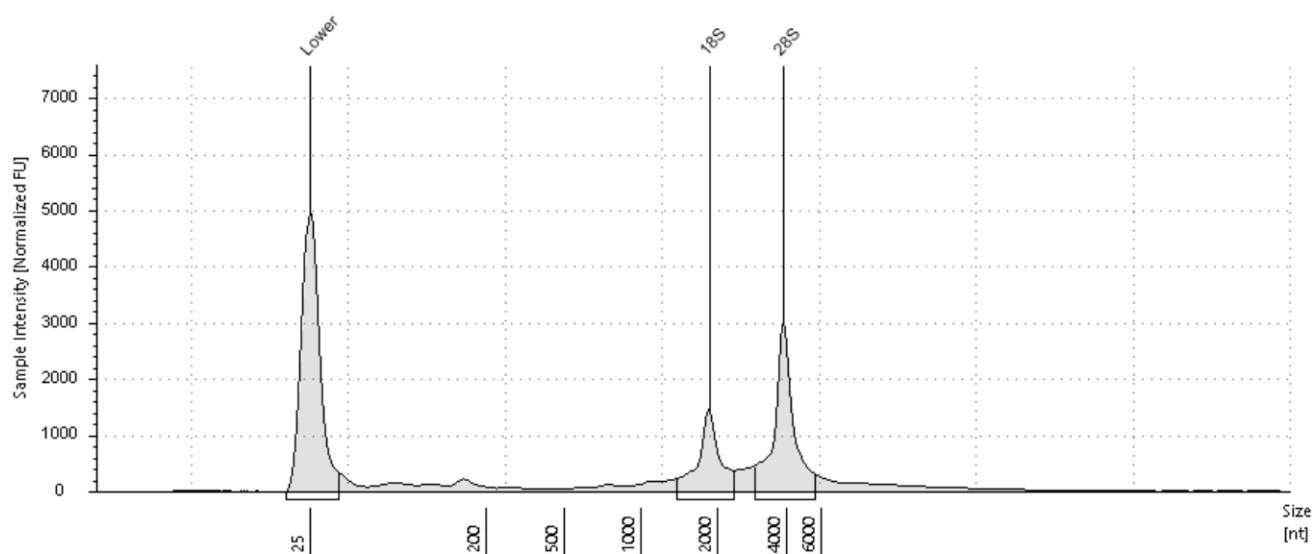
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
E1	8.9	1.8	37.8	327		

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
1874	8.03	-	12.6	35.10		18S
3908	14.8	-	11.2	64.90		28S

F1: 329
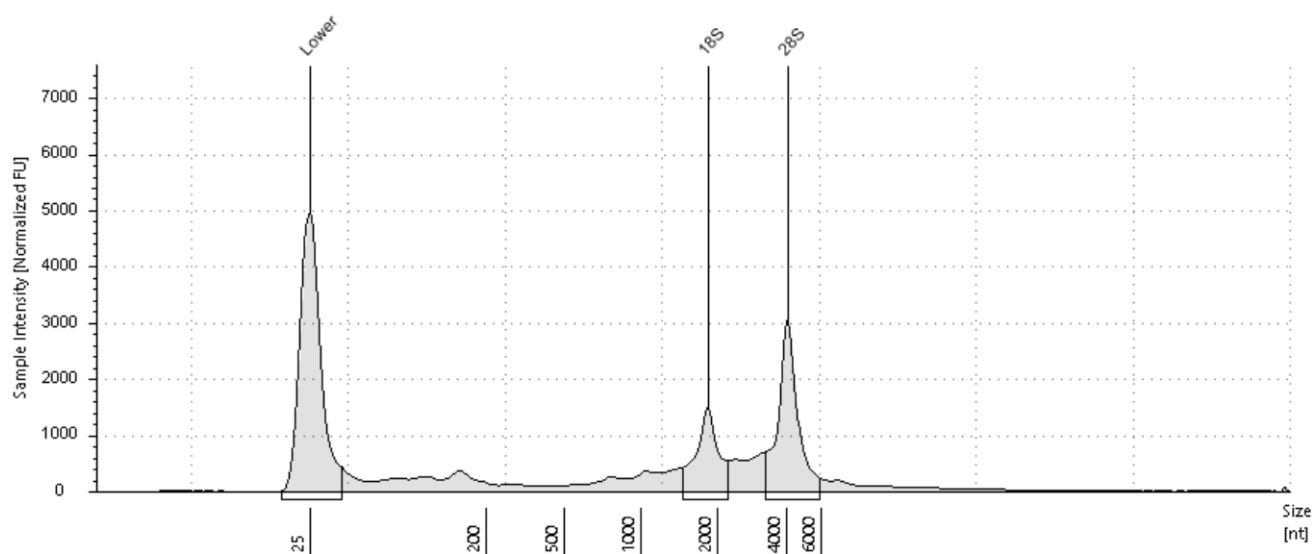
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
F1	7.4	1.8	43.3	329		

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
1858	7.60	-	12.0	35.57		18S
4134	13.8	-	9.79	64.43		28S

G1: 337

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
Gl	6.2	1.5	11.9	337	⚠	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
1957	1.24	-	1.86	39.44		18S
3931	1.90	-	1.42	60.56		28S

H1: 637
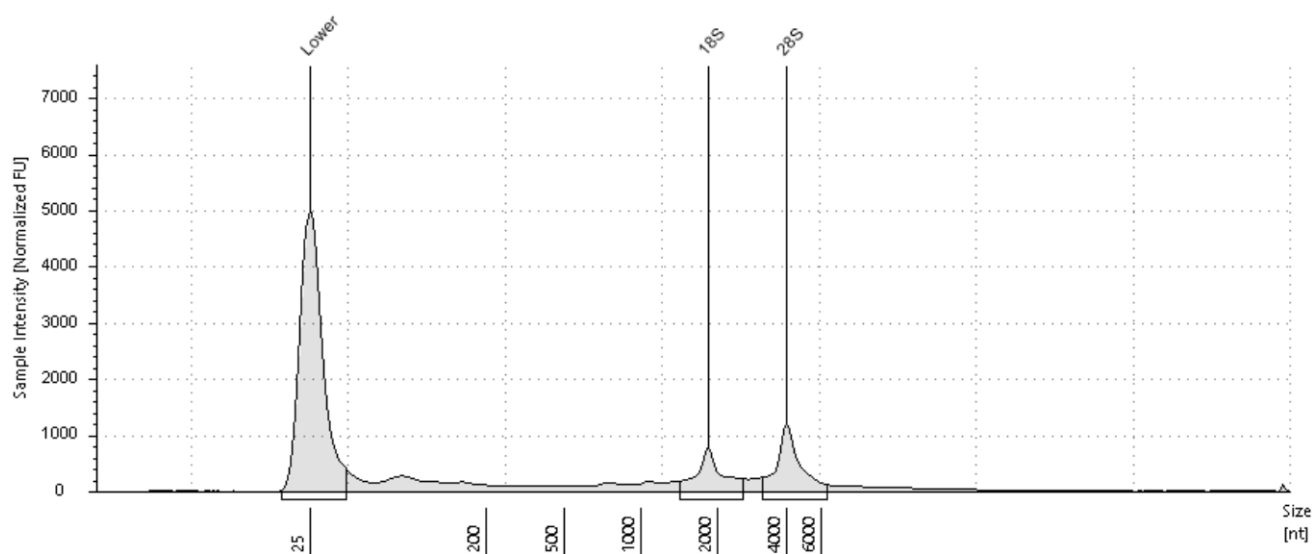
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H1	7.8	1.4	20.2	637	⚠	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
1846	3.85	-	6.14	41.24		18S
4033	5.49	-	4.00	58.76		28S

A2: 643
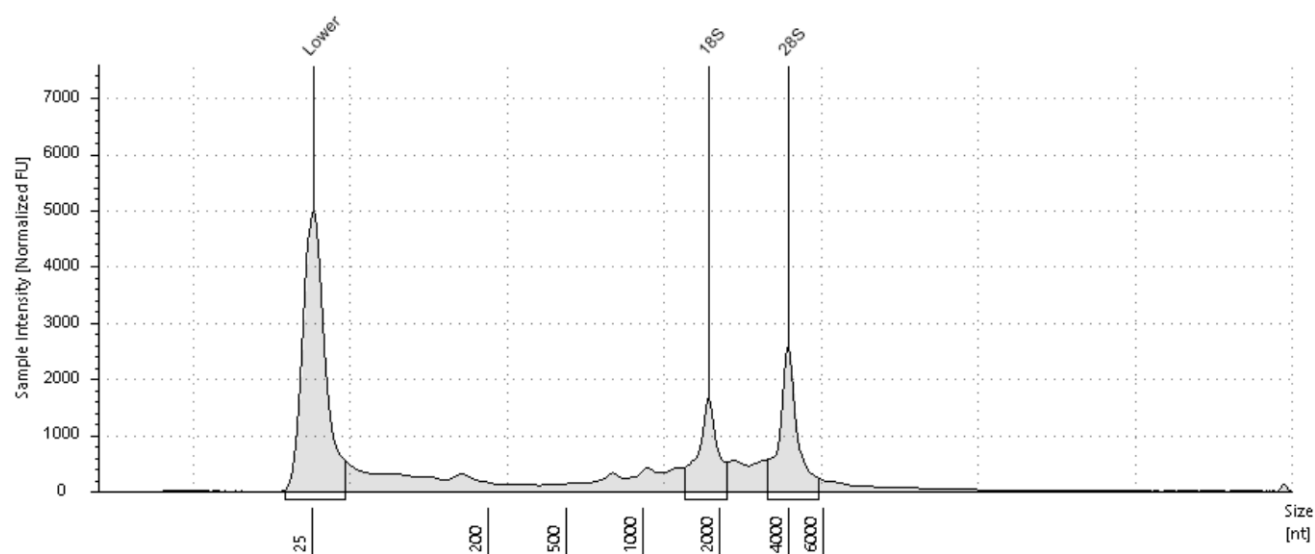
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	7.5	1.4	38.4	643		

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
1816	6.85	-	11.1	41.21		18S
4011	9.77	-	7.16	58.79		28S

B2: 655
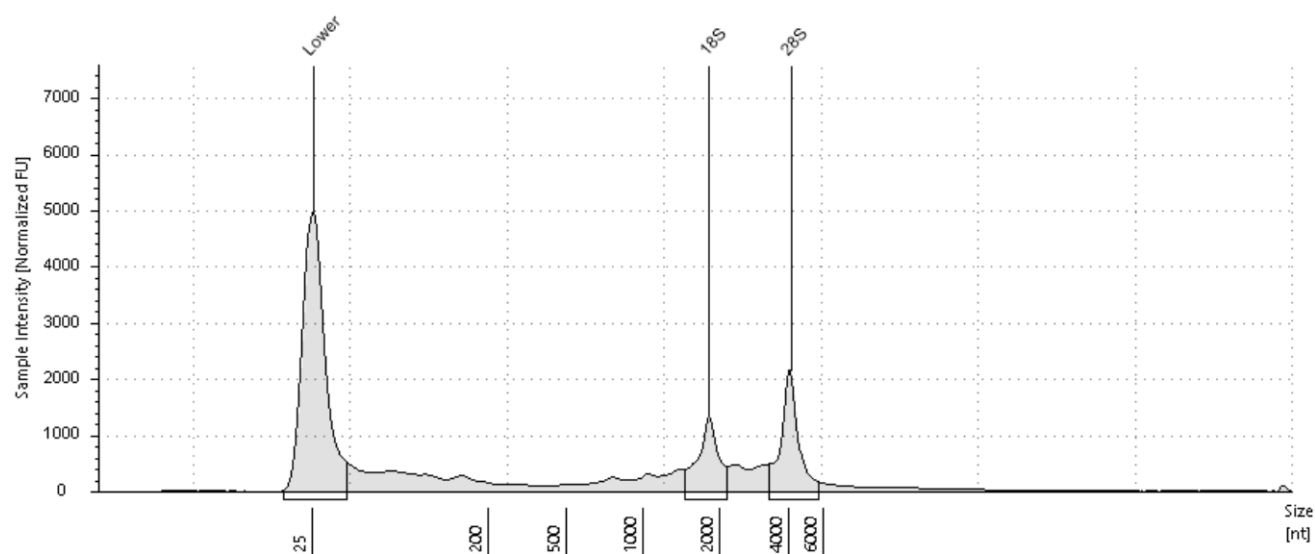
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
B2	7.5	1.4	32.7	655		

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
1834	5.69	-	9.13	42.05		18S
4111	7.85	-	5.61	57.95		28S

C2: 849
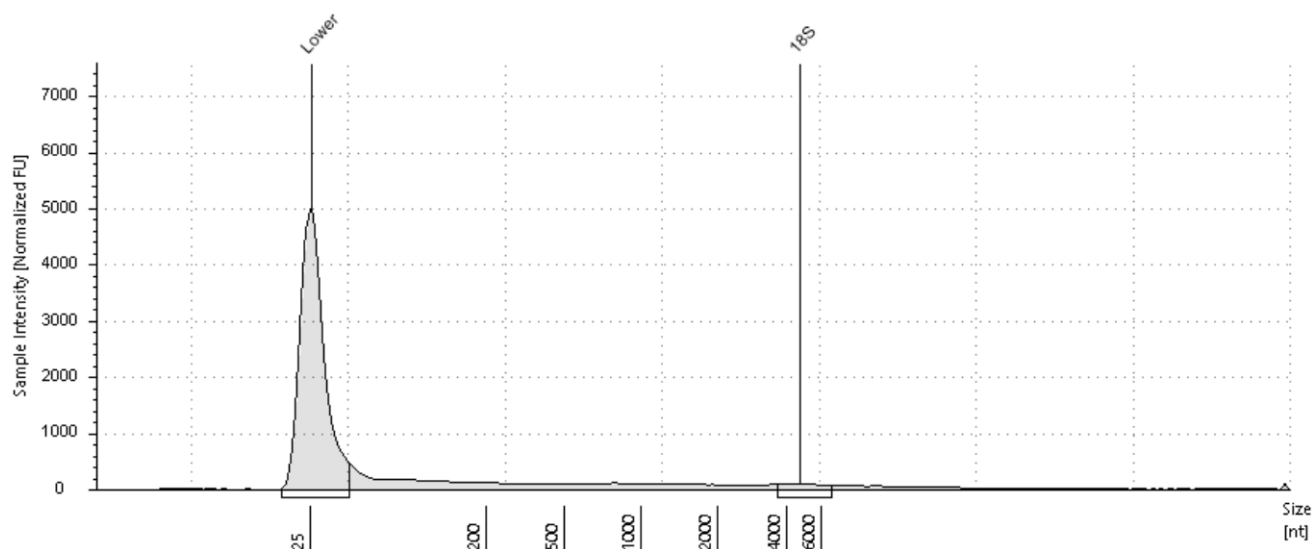
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
C2	3.7	-	10.8	849	⚠	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
4651	0.817	-	0.517	100.00		18S

D2: 851
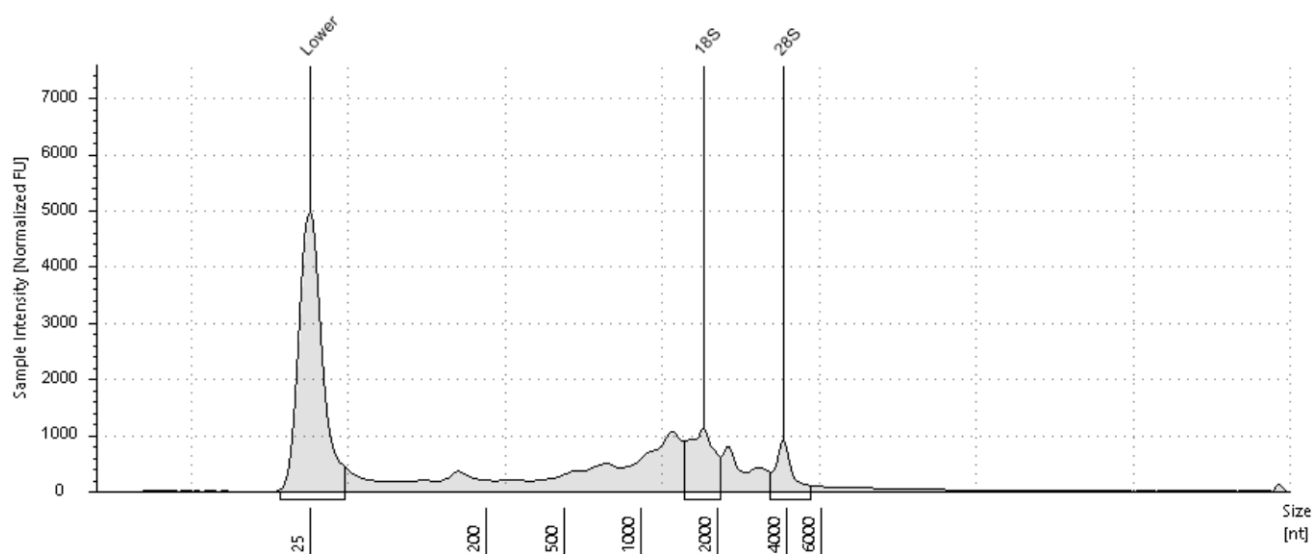
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D2	3.9	0.5	35.7	851		

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
1784	5.98	-	9.86	66.34		18S
3934	3.03	-	2.27	33.66		28S

E2: 855
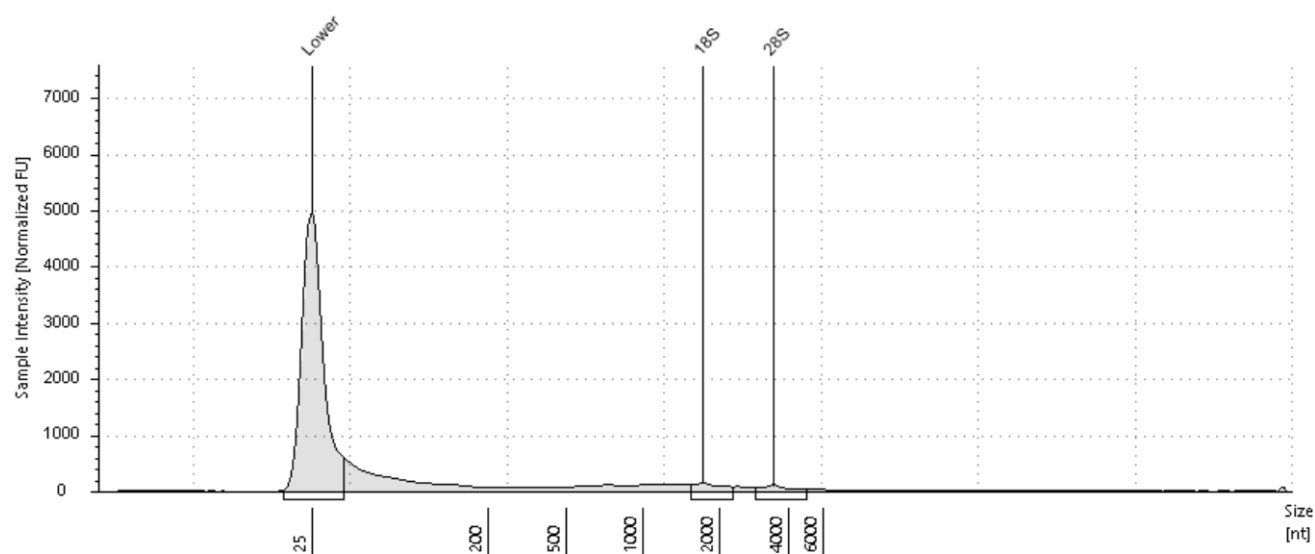
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
E2	3.6	0.7	12.1	855	⚠	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
1745	0.895	-	1.51	58.24		18S
3461	0.642	-	0.545	41.76		28S