Filename: 2021-04-05 - 13.59.29.RNA
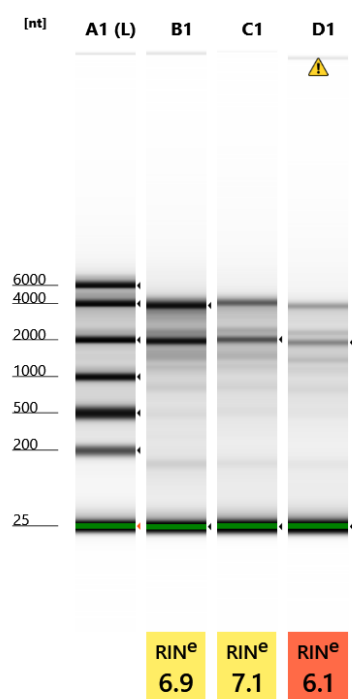

Default image (Contrast 100%)

Sample Info
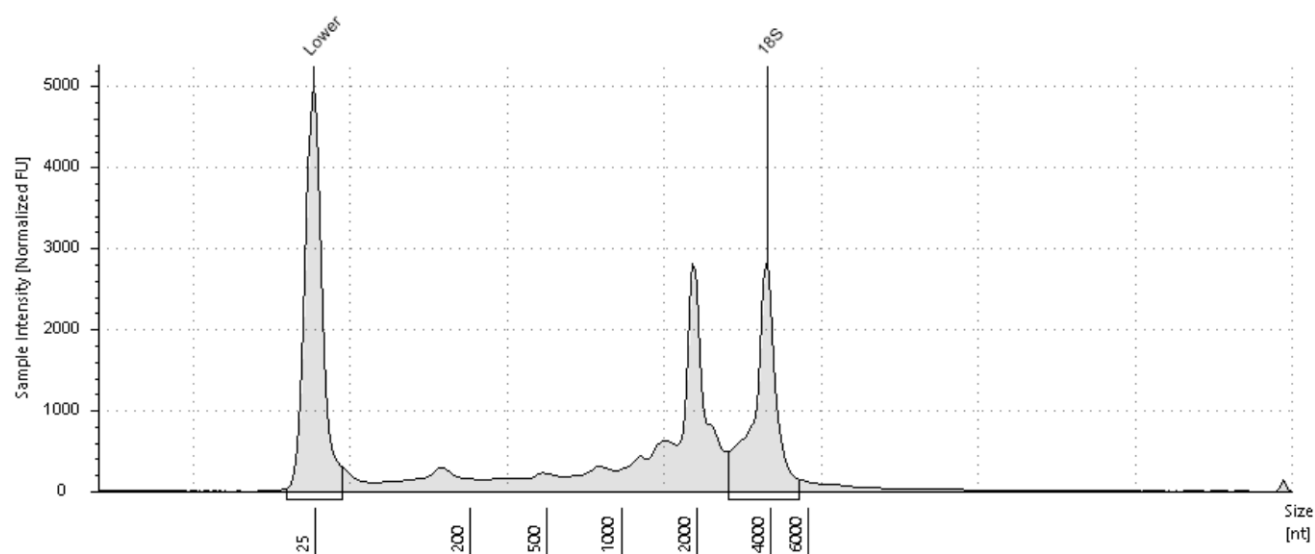
Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	86.3	Ladder		Ladder
B1	6.9	-	52.6	Plug_1		The upper ribosomal fragment has degraded
C1	7.1	-	32.5	Plug_2		The upper ribosomal fragment has degraded
D1	6.1	-	22.0	Plug_3	⚠	Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded

A1: Ladder
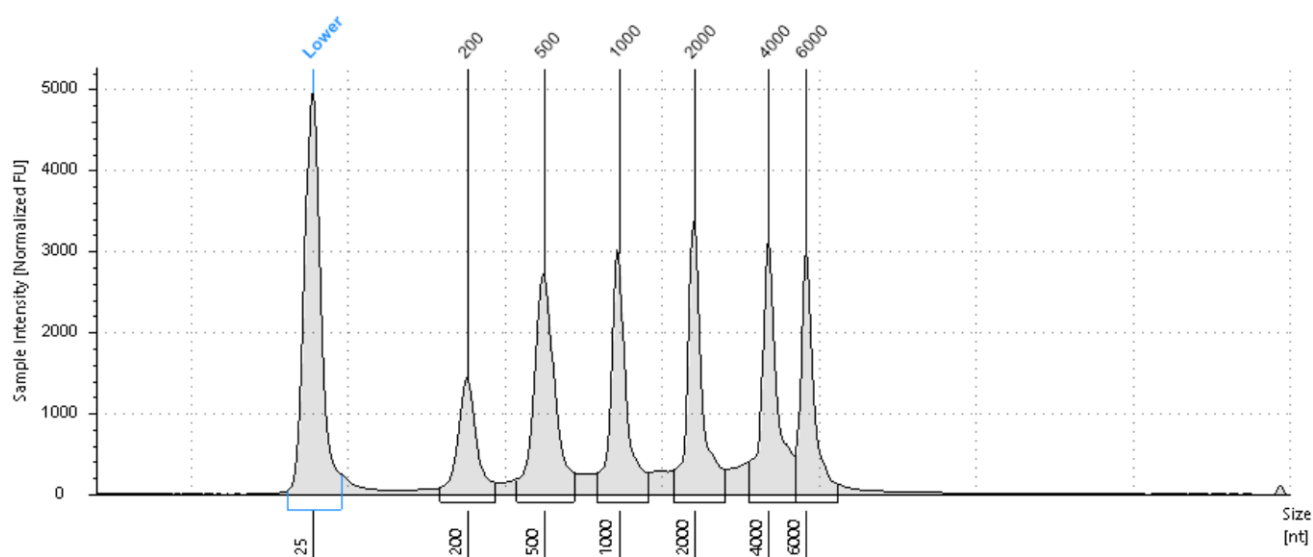
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	86.3	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	8.09	-	119	10.49		
500	16.4	-	96.6	21.31		
1000	13.2	-	38.7	17.09		
2000	13.9	-	20.4	17.97		
4000	14.1	-	10.4	18.28		
6000	11.5	-	5.62	14.86		

B1: Plug_1

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	6.9	-	52.6	Plug_1		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
3908	16.8	-	12.6	100.00		18S

C1: Plug_2
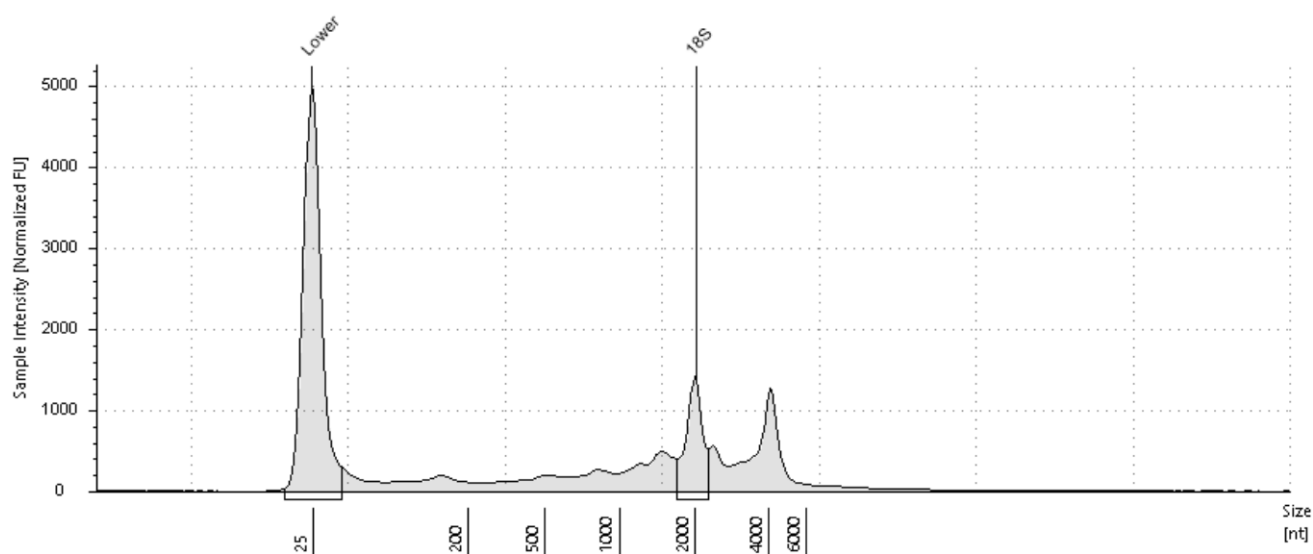
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	7.1	-	32.5	Plug_2		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
2038	5.91	-	8.53	100.00		18S

D1: Plug_3
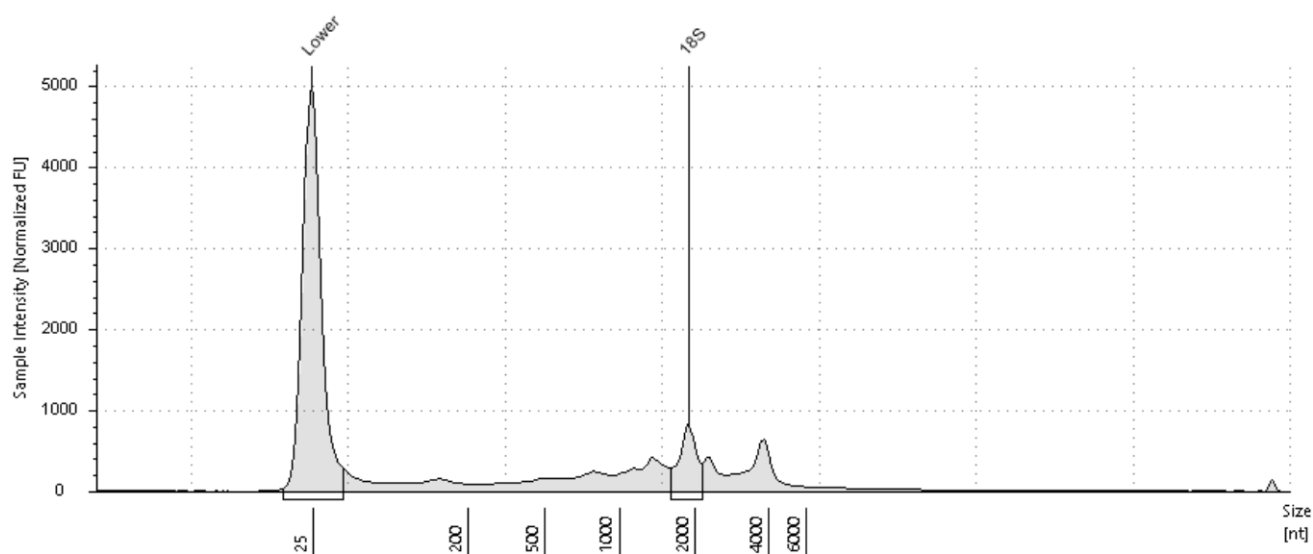
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	6.1	-	22.0	Plug_3	⚠	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
1921	3.54	-	5.42	100.00		18S