# Filename: 2025-11-14 - 10.46.31.HSRNA
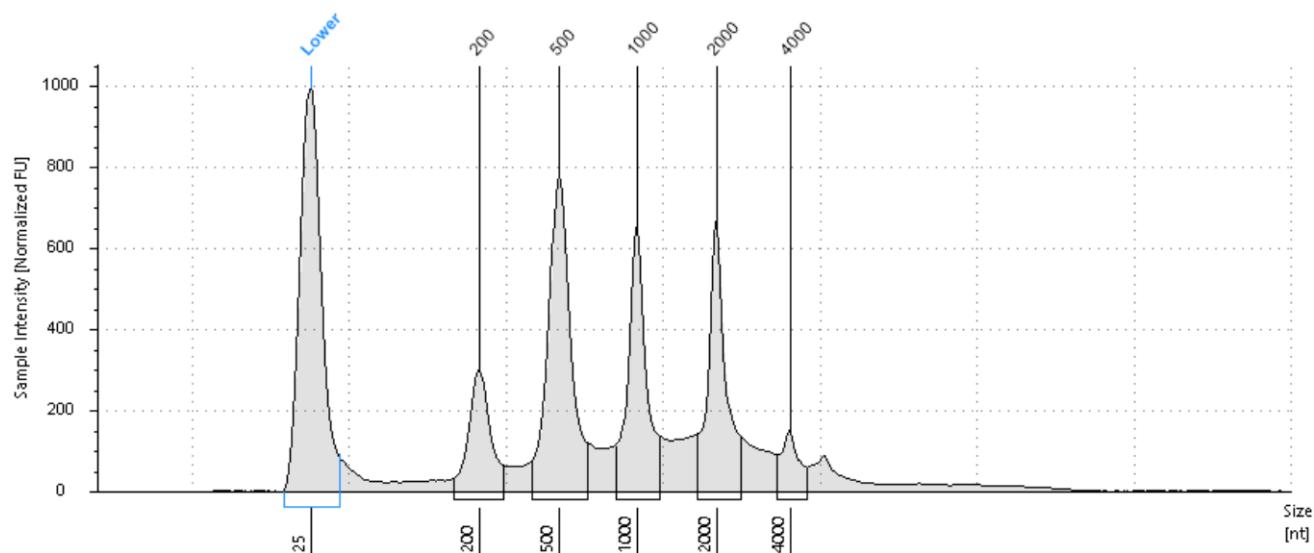
Default image (Contrast 100%)

Sample Info

Well	RINe	28S/18S (Area)	Conc. [pg/µl]	Sample Description	Alert	Observations
A1	-	-	1780	Ladder	🔺	Issue with ladder peak detection (too few peaks detected); Caution! Expired ScreenTape device; Ladder
B1	2.4	-	590	B8	⚠	Caution! Expired ScreenTape device; RNA concentration outside recommended range for RINe; The upper ribosomal fragment has degraded
C1	3.1	-	548	C10	⚠	Caution! Expired ScreenTape device; RNA concentration outside recommended range for RINe; The upper ribosomal fragment has degraded
D1	2.5	-	412	D1	⚠	Caution! Expired ScreenTape device; Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded
E1	2.8	-	567	A4	⚠	Caution! Expired ScreenTape device; RNA concentration outside recommended range for RINe; The upper ribosomal fragment has degraded

Compact Peak Table
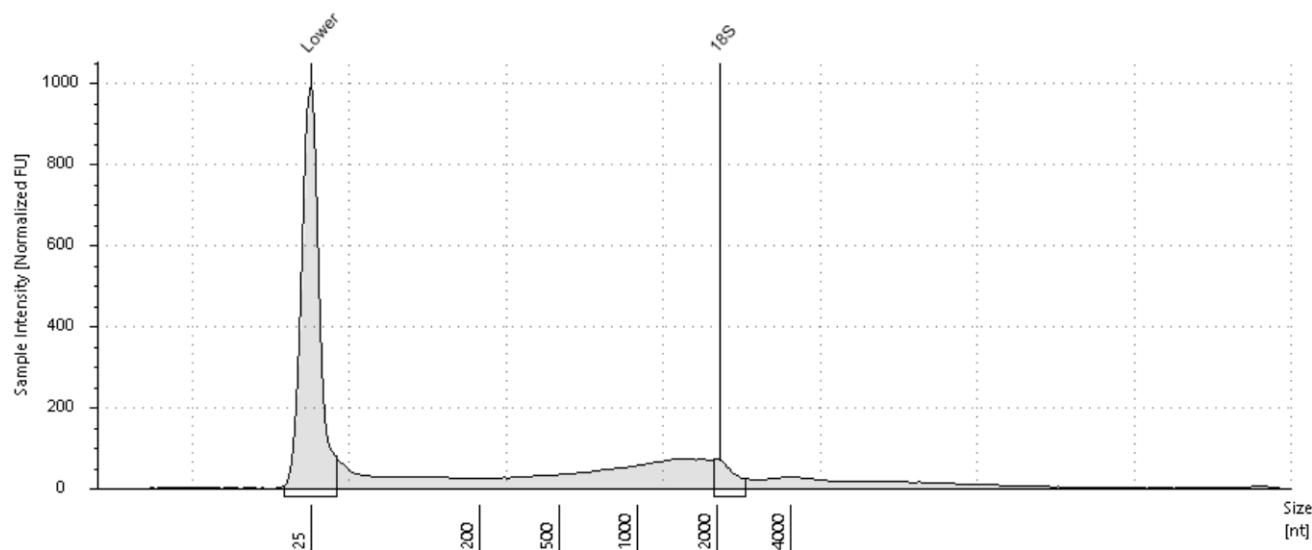
Well	Sample Description	Size [nt]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
A1	Ladder	25	700	700	82400	-		Lower Marker
A1	Ladder	200	165	-	2430	12.75		
A1	Ladder	500	449	-	2640	34.67		
A1	Ladder	1000	310	-	912	23.94		
A1	Ladder	2000	301	-	443	23.26		
A1	Ladder	4000	69.6	-	51.2	5.38		
B1	B8	25	700	700	82400	-		Lower Marker
B1	B8	2036	43.3	-	62.5	100.00		18S
C1	C10	25	700	700	82400	-		Lower Marker
C1	C10	1731	56.1	-	95.3	100.00		18S
D1	D1	25	700	700	82400	-		Lower Marker
D1	D1	2591	25.6	-	29.0	100.00		18S
E1	A4	25	700	700	82400	-		Lower Marker
E1	A4	1435	44.1	-	90.4	100.00		18S

A1: Ladder

Sample Table

Well	RINe	28S/18S (Area)	Conc. [pg/µl]	Sample Description	Alert	Observations
A1	-	-	1780	Ladder	⚠	Issue with ladder peak detection (too few peaks detected); Caution! Expired ScreenTape device; Ladder

Peak Table
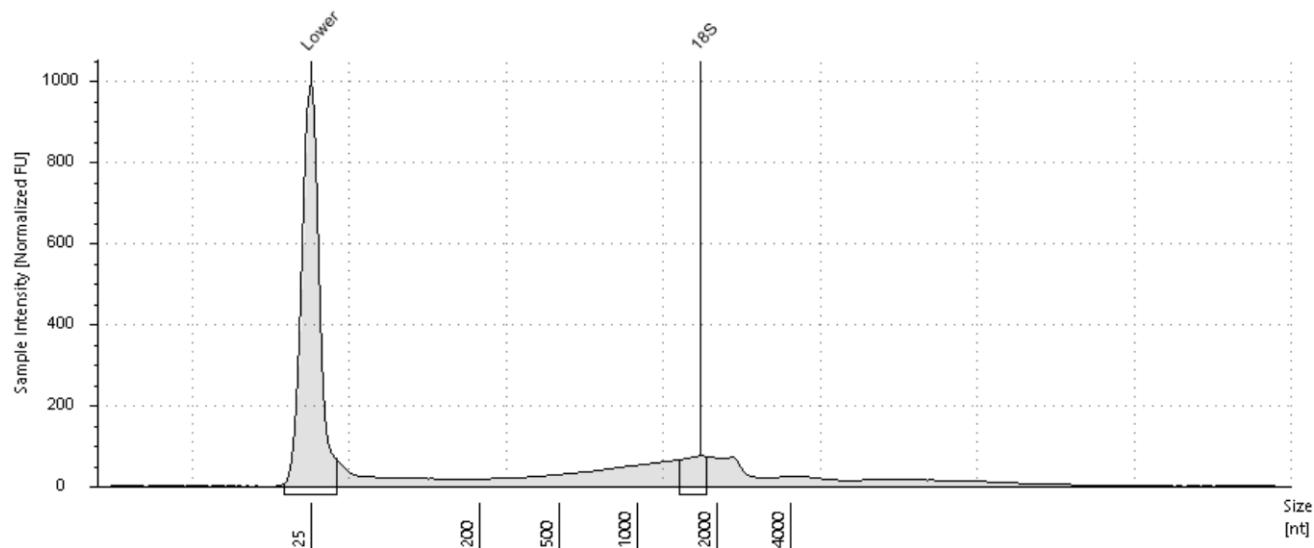
Size [nt]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	700	700	82400	-		Lower Marker
200	165	-	2430	12.75		
500	449	-	2640	34.67		
1000	310	-	912	23.94		
2000	301	-	443	23.26		
4000	69.6	-	51.2	5.38		

B1: B8

Sample Table

Well	RINe	28S/18S (Area)	Conc. [pg/µl]	Sample Description	Alert	Observations
B1	2.4	-	590	B8	⚠️	Caution! Expired ScreenTape device; RNA concentration outside recommended range for RINe; The upper ribosomal fragment has degraded

Peak Table
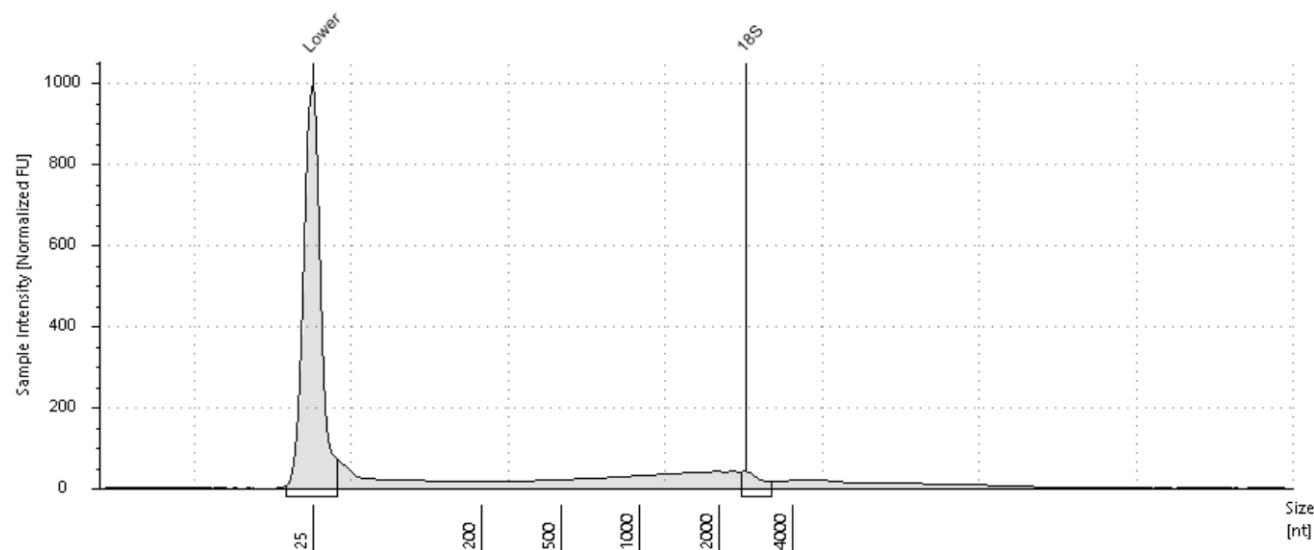
Size [nt]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	%Integrated Area	Peak Comment	Observations
25	700	700	82400	-		Lower Marker
2036	43.3	-	62.5	100.00		18S

C1: C10

Sample Table

Well	RINe	28S/18S (Area)	Conc. [pg/µl]	Sample Description	Alert	Observations
C1	3.1	-	548	C10	⚠	Caution! Expired ScreenTape device; RNA concentration outside recommended range for RINe; The upper ribosomal fragment has degraded

Peak Table
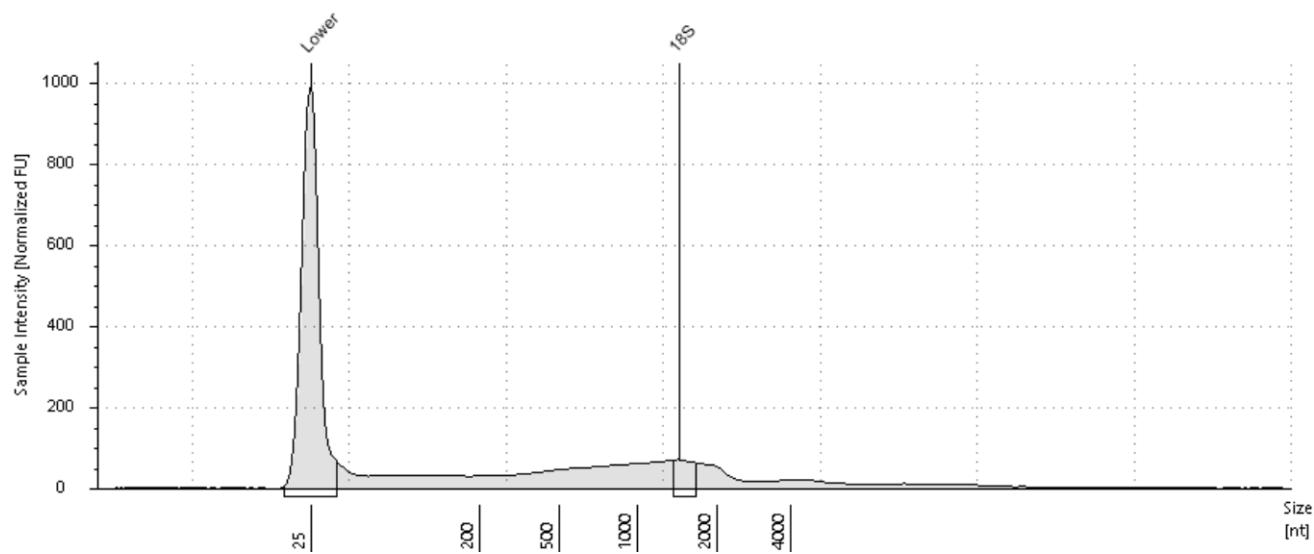
Size [nt]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	%Integrated Area	Peak Comment	Observations
25	700	700	82400	-		Lower Marker
1731	56.1	-	95.3	100.00		18S

D1: D1

Sample Table

Well	RINe	28S/18S (Area)	Conc. [pg/µl]	Sample Description	Alert	Observations
D1	2.5	-	412	D1	⚠	Caution! Expired ScreenTape device; Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded

Peak Table

Size [nt]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	%Integrated Area	Peak Comment	Observations
25	700	700	82400	-		Lower Marker
2591	25.6	-	29.0	100.00		18S

E1: A4

Sample Table

Well	RINe	28S/18S (Area)	Conc. [pg/µl]	Sample Description	Alert	Observations
E1	2.8	-	567	A4	⚠	Caution! Expired ScreenTape device; RNA concentration outside recommended range for RINe; The upper ribosomal fragment has degraded

Peak Table

Size [nt]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	%Integrated Area	Peak Comment	Observations
25	700	700	82400	-		Lower Marker
1435	44.1	-	90.4	100.00		18S