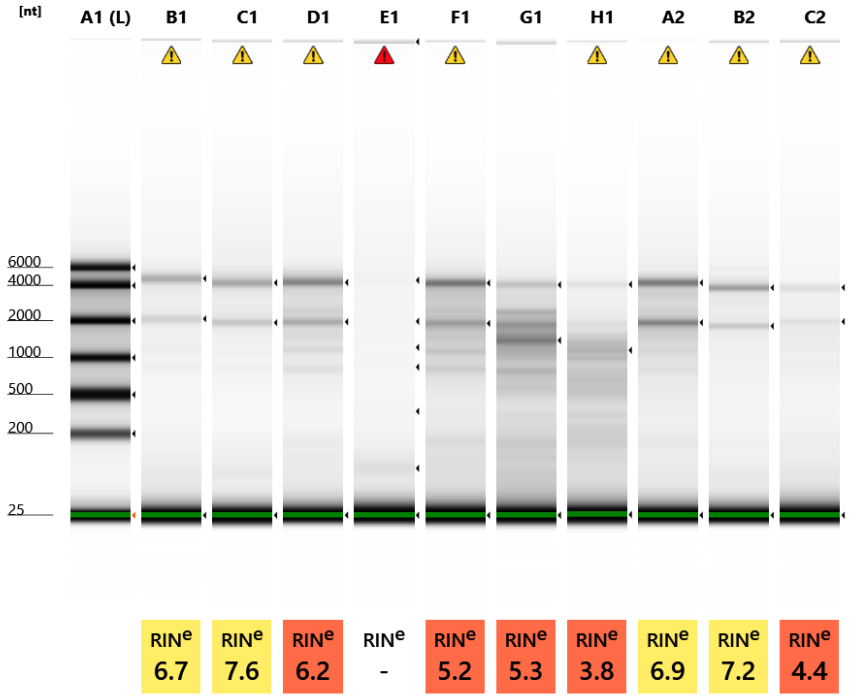
# Filename: 2021-10-07 - 15.02.28.RNA

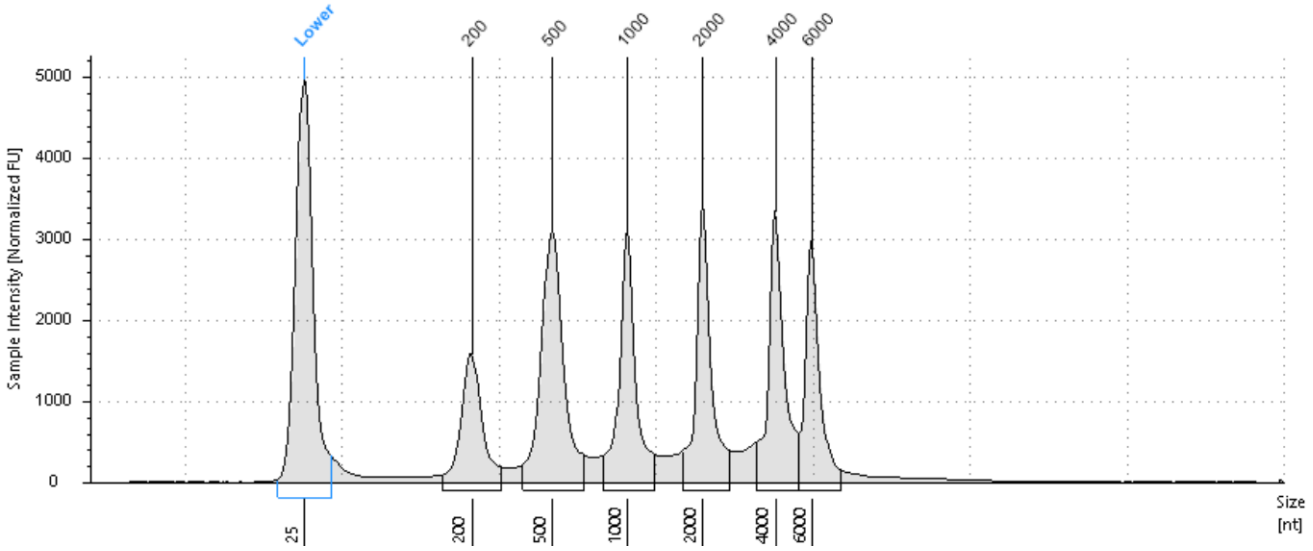



Default image (Contrast 100%)

## Sample Info

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| A1 | - | - | 98.5 | Ladder | | Ladder |
| B1 | 6.7 | 1.8 | 12.7 | 159 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| C1 | 7.6 | 1.8 | 12.5 | 163 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| D1 | 6.2 | 1.9 | 18.6 | 273 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| E1 | - | - | 8.15 | 275 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| F1 | 5.2 | 1.3 | 23.6 | 325 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| G1 | 5.3 | 0.4 | 31.8 | 537 | | The upper ribosomal fragment has degraded |
| H1 | 3.8 | 0.5 | 21.1 | 553 | ⚠ | Sample concentration outside functional range for RINe and the assay; The upper ribosomal fragment has degraded |
| A2 | 6.9 | 1.0 | 21.6 | 755 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| B2 | 7.2 | 1.5 | 12.8 | 769 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| C2 | 4.4 | 1.1 | 10.7 | 771 | ⚠ | Sample concentration outside functional range for RINe and the assay |

## A1: Ladder



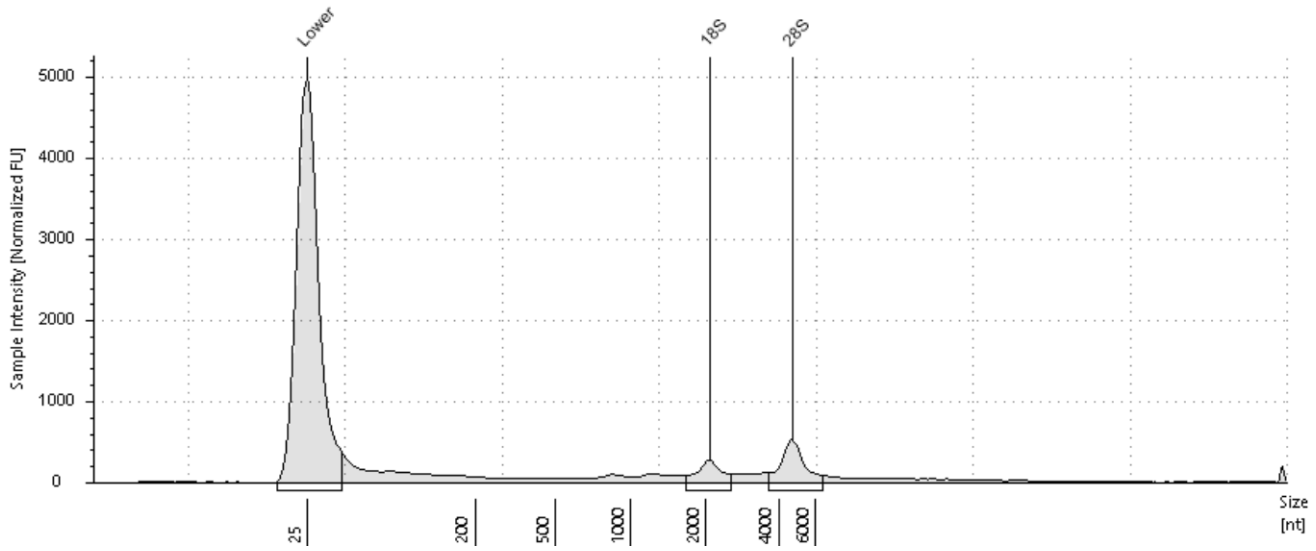

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| A1 | - | - | 98.5 | 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 | 9.51 | - | 140 | 11.00 | | |
| 500 | 19.8 | - | 117 | 22.94 | | |
| 1000 | 14.6 | - | 42.8 | 16.83 | | |
| 2000 | 14.8 | - | 21.8 | 17.13 | | |
| 4000 | 15.4 | - | 11.3 | 17.76 | | |
| 6000 | 12.4 | - | 6.08 | 14.34 | | |

## B1: 159



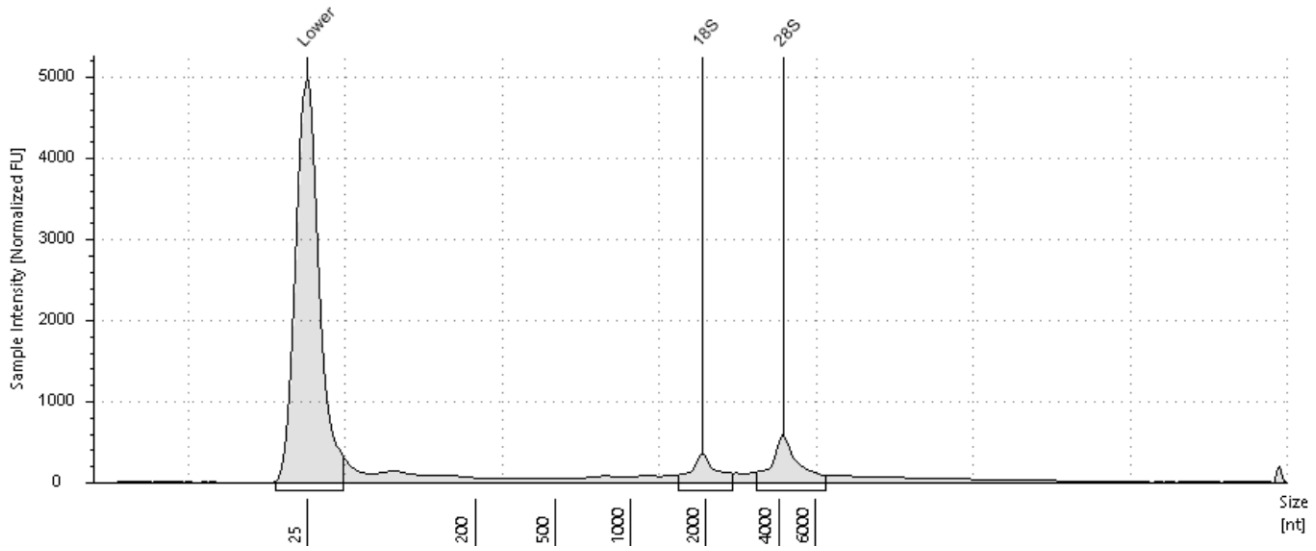

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| B1 | 6.7 | 1.8 | 12.7 | 159 | ⚠ | 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 |
| 2087 | 1.44 | - | 2.02 | 35.47 | | 18S |
| 4712 | 2.61 | - | 1.63 | 64.53 | | 28S |

## C1: 163



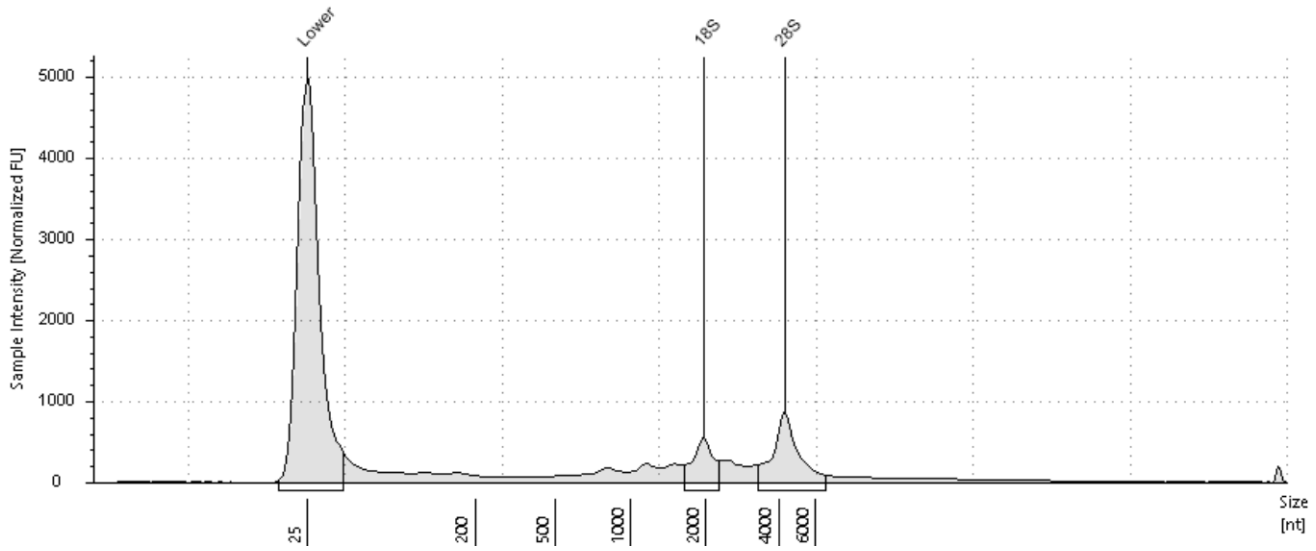

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| C1 | 7.6 | 1.8 | 12.5 | 163 | ⚠ | 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 |
| 1935 | 1.80 | - | 2.73 | 36.34 | | 18S |
| 4268 | 3.15 | - | 2.17 | 63.66 | | 28S |

## D1: 273



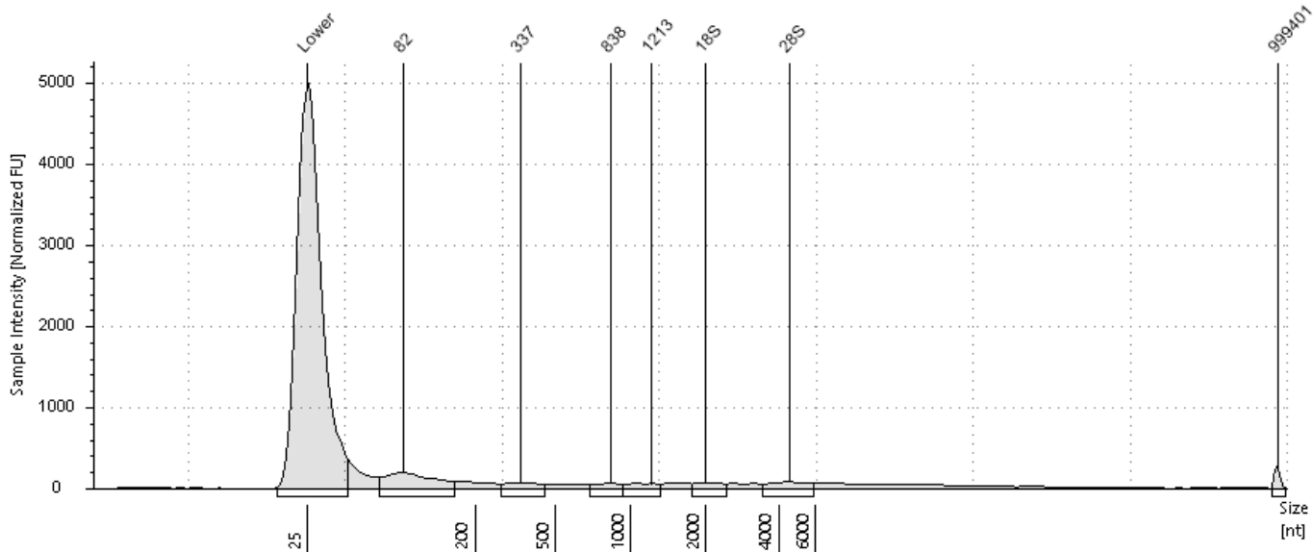

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| D1 | 6.2 | 1.9 | 18.6 | 273 | ⚠ | 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 |
| 1962 | 2.50 | - | 3.74 | 34.09 | | 18S |
| 4291 | 4.82 | - | 3.31 | 65.91 | | 28S |

## E1: 275



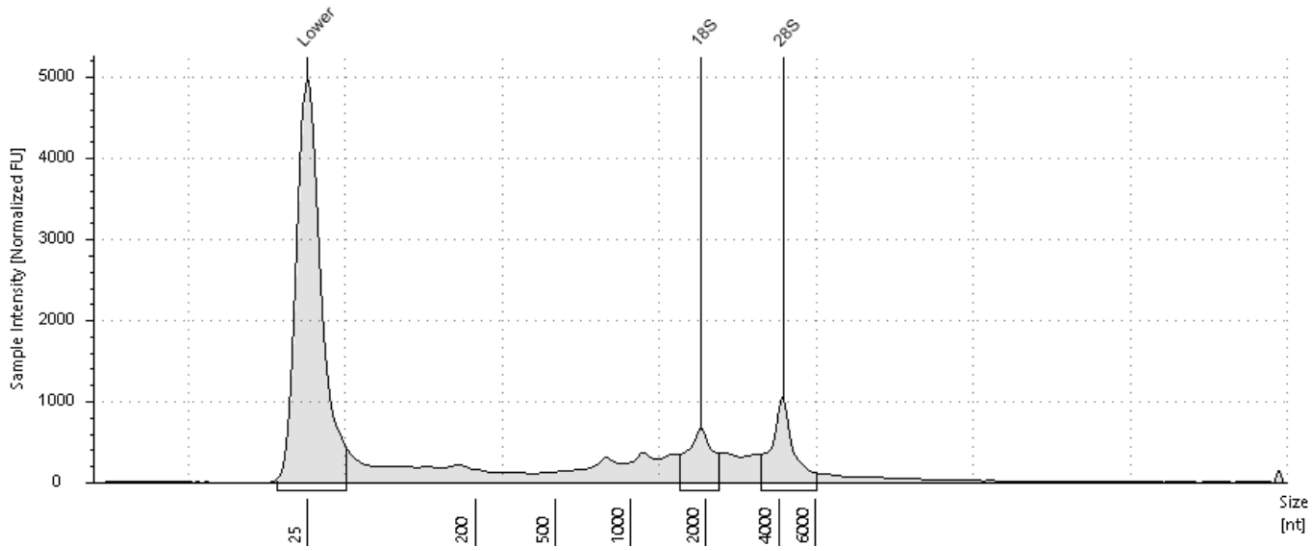

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| E1 | - | - | 8.15 | 275 | ⚠ | 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 |
| 82 | 1.82 | - | 64.8 | 43.94 | | |
| 337 | 0.430 | - | 3.75 | 10.40 | | |
| 838 | 0.297 | - | 1.04 | 7.18 | | |
| 1213 | 0.347 | - | 0.842 | 8.40 | | |
| 1982 | 0.352 | - | 0.522 | 8.51 | | 18S |
| 4503 | 0.566 | - | 0.369 | 13.68 | | 28S |
| 999401 | 0.326 | - | 0.000959 | 7.88 | | |

## F1: 325



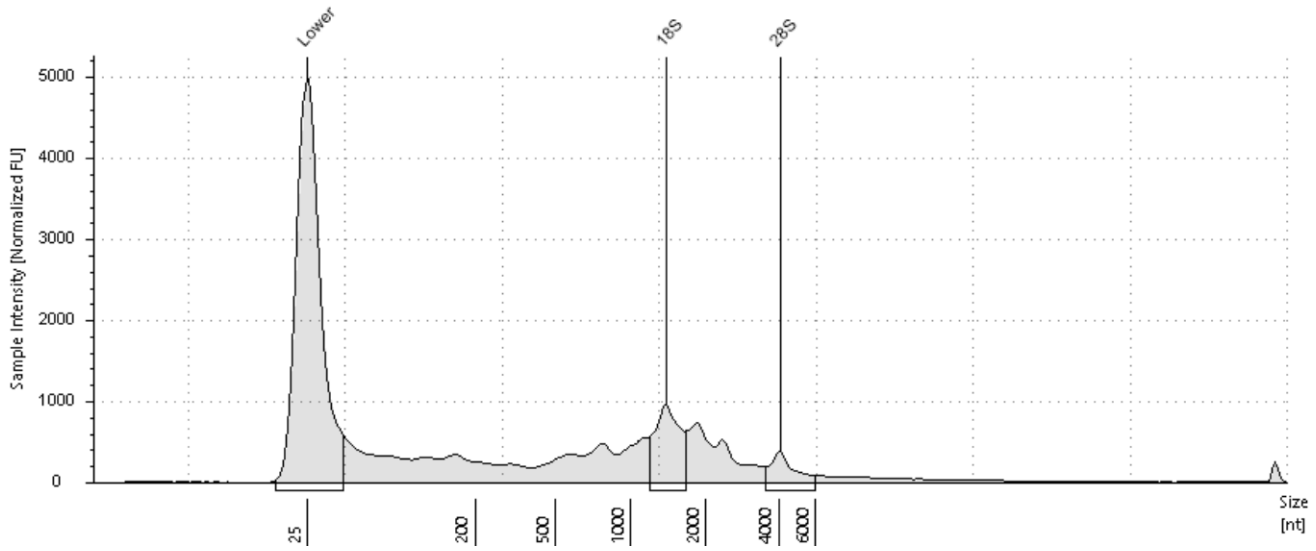

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| F1 | 5.2 | 1.3 | 23.6 | 325 | ⚠ | 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 |
| 1910 | 3.34 | - | 5.14 | 42.57 | | 18S |
| 4239 | 4.50 | - | 3.12 | 57.43 | | 28S |

## G1: 537



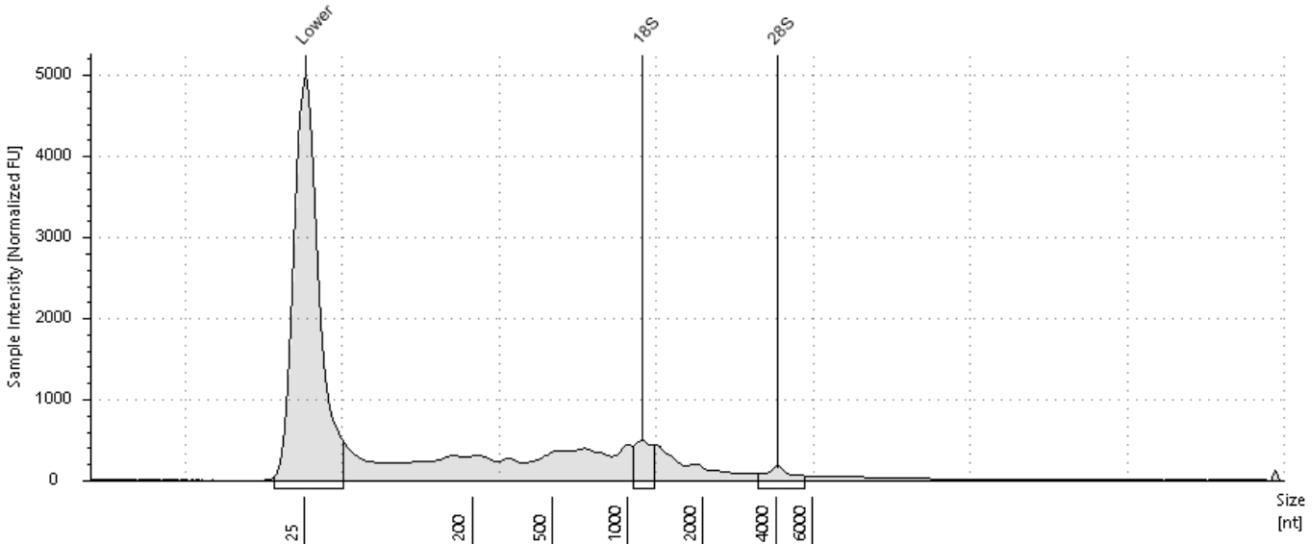

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| G1 | 5.3 | 0.4 | 31.8 | 537 | | 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 |
| 1382 | 4.91 | - | 10.5 | 73.57 | | 18S |
| 4058 | 1.77 | - | 1.28 | 26.43 | | 28S |

## H1: 553



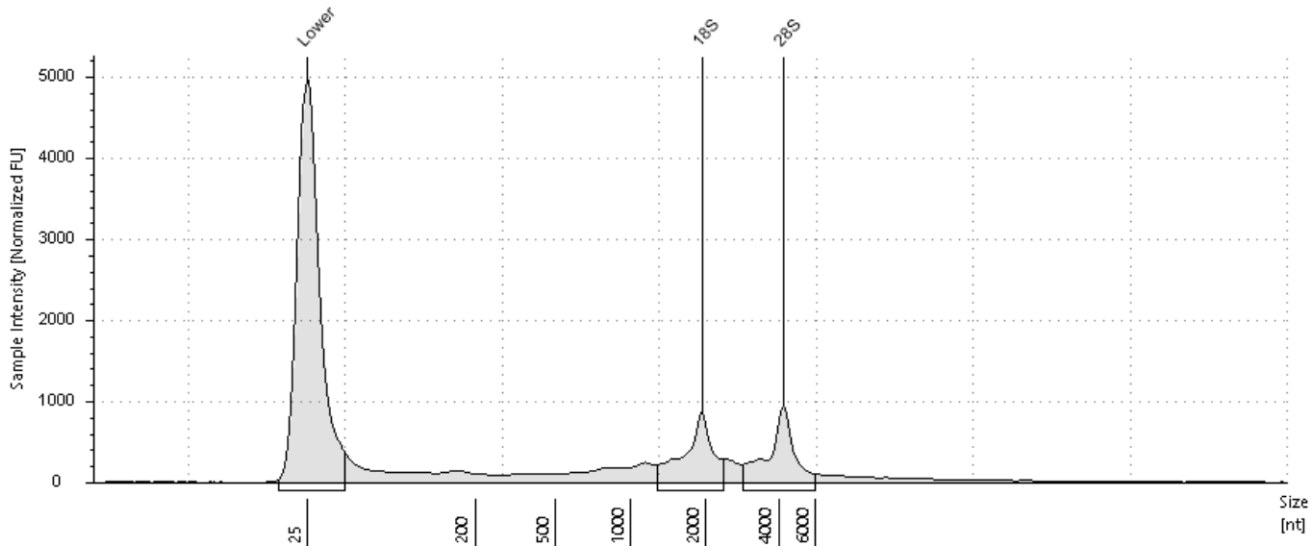

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| H1 | 3.8 | 0.5 | 21.1 | 553 | ⚠ | 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 |
| 1142 | 1.66 | - | 4.29 | 67.20 | | 18S |
| 4073 | 0.813 | - | 0.587 | 32.80 | | 28S |

## A2: 755



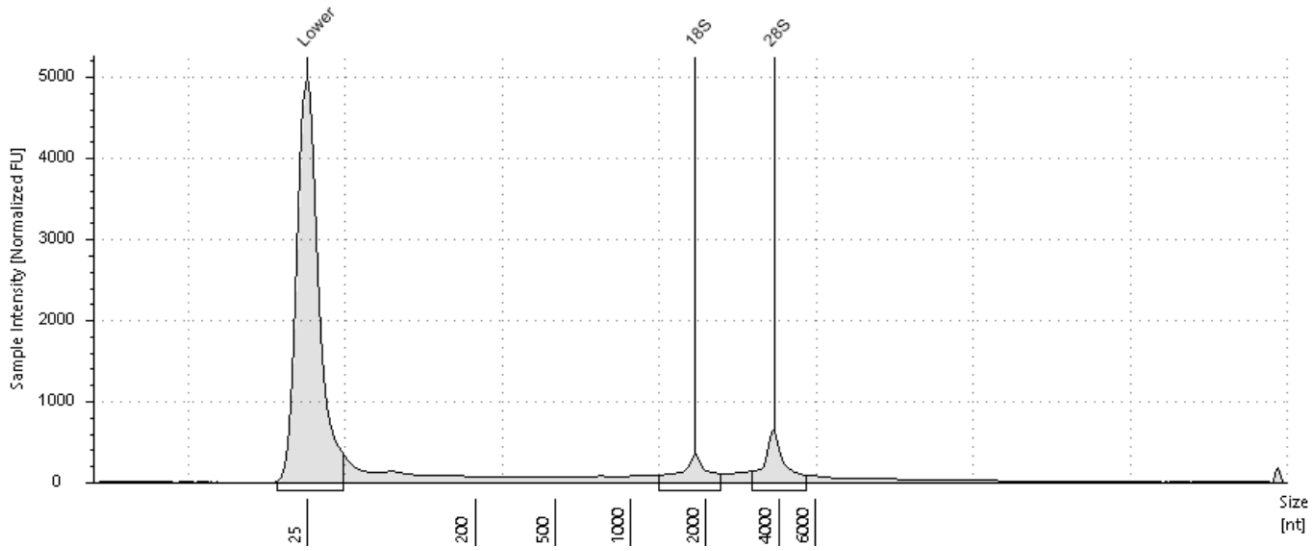

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| A2 | 6.9 | 1.0 | 21.6 | 755 | ⚠ | 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 |
| 1936 | 5.21 | - | 7.92 | 50.42 | | 18S |
| 4262 | 5.13 | - | 3.54 | 49.58 | | 28S |

## B2: 769



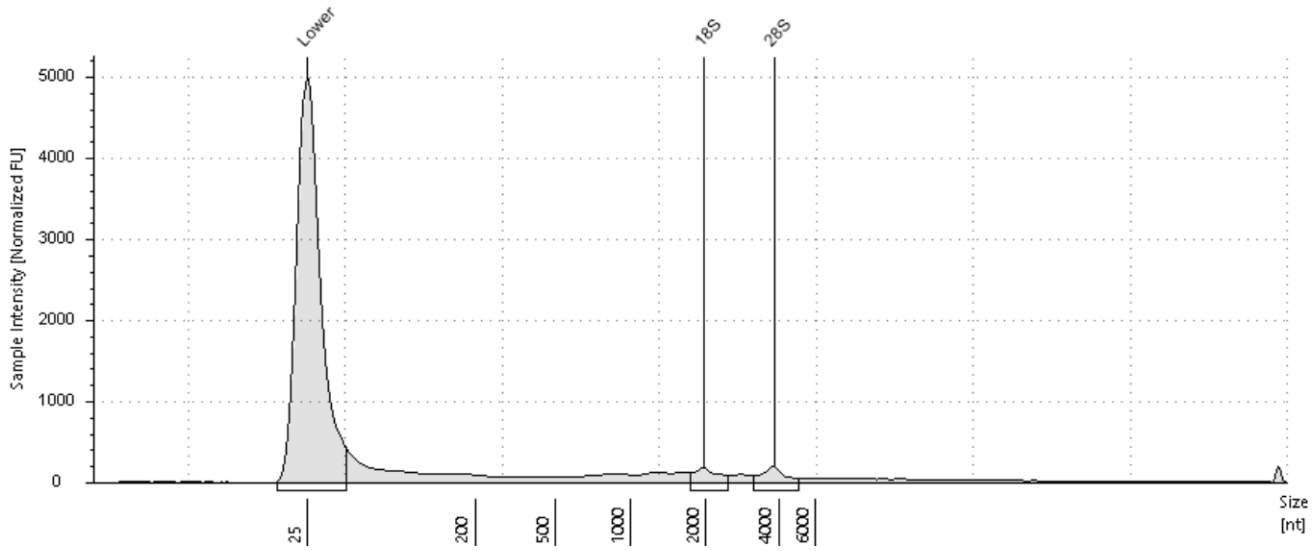

**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| B2 | 7.2 | 1.5 | 12.8 | 769 | ⚠ | 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 |
| 1812 | 1.91 | - | 3.10 | 40.57 | | 18S |
| 3832 | 2.80 | - | 2.15 | 59.43 | | 28S |

## C2: 771




**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| C2 | 4.4 | 1.1 | 10.7 | 771 | ⚠ | 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 |
| 1974 | 0.856 | - | 1.28 | 48.75 | | 18S |
| 3852 | 0.900 | - | 0.688 | 51.25 | | 28S |