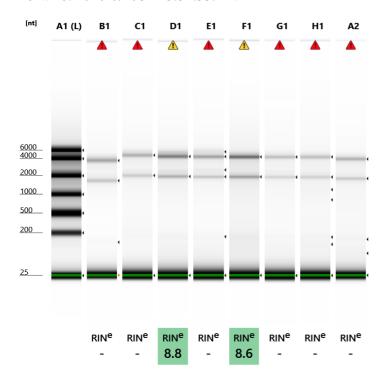
# Filename: 2020-09-08 - 15.52.33.RNA

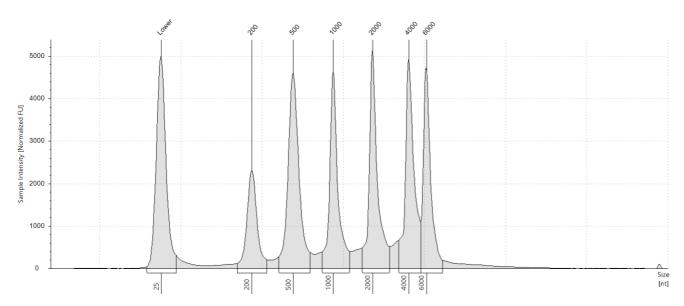


Default image (Contrast 100%)

# Sample Info

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| A1   | -    | -              | 123           | Ladder             |          | Ladder   |
| BI   | -    | -              | 8.42          | E1                 | <b>A</b> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| Cl   | -    | -              | 7.92          | E15                | <b>A</b> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| DI   | 8.8  | 1.8            | 10.6          | C21                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| E1   | -    | -              | 7.45          | C26                | <b>A</b> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| F1   | 8.6  | 1.6            | 13.7          | C30                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| Gl   | -    | -              | 6.80          | C32                | <b>A</b> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| HI   | -    | -              | 7.95          | C27                | <b>A</b> | Sample concentration<br>outside functional range<br>for RINe and the assay |
| A2   | -    | -              | 8.69          | C29                | <b>A</b> | Sample concentration<br>outside functional range<br>for RINe and the assay |

# A1: Ladder

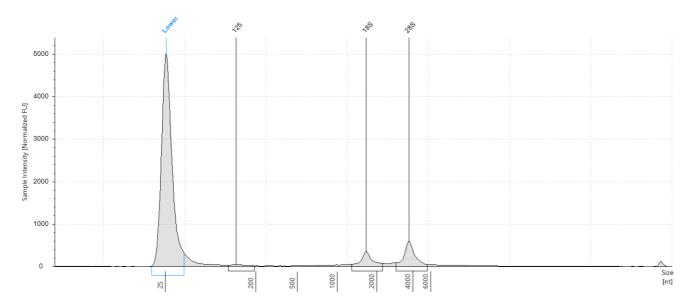


### Sample Table

|   | Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|------|------|----------------|---------------|--------------------|-------|--------------|
| Ī | A1   | -    | -              | 123           | Ladder             |       | Ladder       |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc. [ng/μl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 200       | 11.2                        | -                      | 165                    | 10.14             |              |              |
| 500       | 24.1                        | -                      | 142                    | 21.83             |              |              |
| 1000      | 18.1                        | -                      | 53.3                   | 16.42             |              |              |
| 2000      | 19.9                        | -                      | 29.3                   | 18.08             |              |              |
| 4000      | 20.3                        | -                      | 14.9                   | 18.42             |              |              |
| 6000      | 16.7                        | -                      | 8.16                   | 15.10             |              |              |

# B1: E1

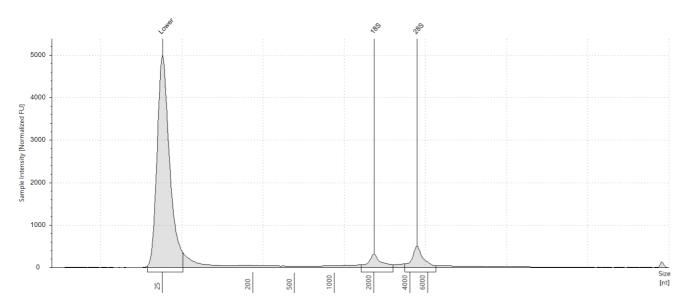


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| Bl   | -    | -              | 8.42          | E1                 | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc. [ng/μl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 125       | 0.293                       | -                      | 6.89                   | 6.01              |              |              |
| 1651      | 1.76                        | -                      | 3.13                   | 36.02             |              | 18S          |
| 3674      | 2.83                        | -                      | 2.26                   | 57.98             |              | 28S          |

# C1: E15

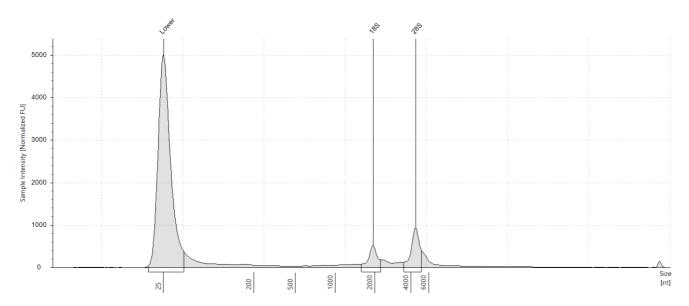


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| Cl   | -    | -              | 7.92          | E15                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 2010      | 1.42                        | -                      | 2.08                   | 40.88             |              | 18S          |
| 4704      | 2.06                        | -                      | 1.29                   | 59.12             |              | 28S          |

# D1: C21

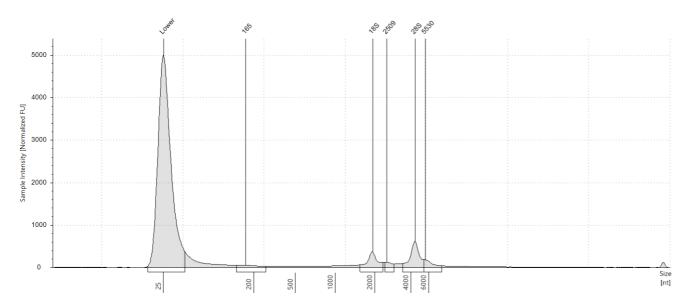


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| Dl   | 8.8  | 1.8            | 10.6          | C21                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 1933      | 1.55                        | -                      | 2.36                   | 35.68             |              | 18S          |
| 4416      | 2.80                        | -                      | 1.86                   | 64.32             |              | 28S          |

# E1: C26

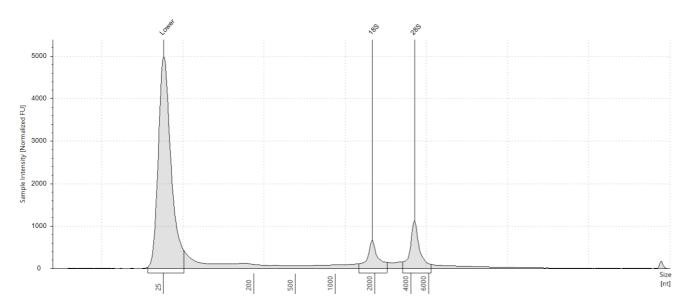


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| E1   | -    | -              | 7.45          | C26                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc. [ng/μl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 165       | 0.344                       | -                      | 6.14                   | 8.07              |              |              |
| 1913      | 1.17                        | -                      | 1.80                   | 27.49             |              | 18S          |
| 2509      | 0.300                       | -                      | 0.351                  | 7.03              |              |              |
| 4368      | 1.90                        | -                      | 1.28                   | 44.68             |              | 28S          |
| 5530      | 0.542                       | -                      | 0.288                  | 12.72             |              |              |

# F1: C30

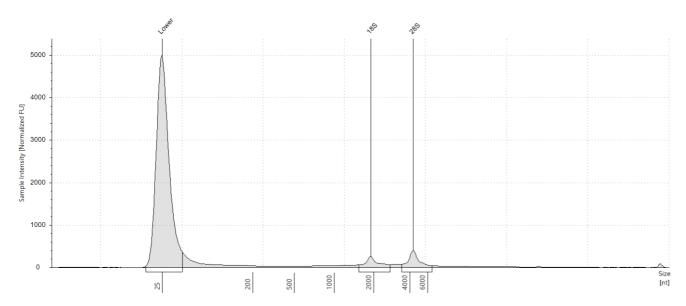


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| F1   | 8.6  | 1.6            | 13.7          | C30                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 1910      | 2.42                        | -                      | 3.73                   | 39.19             |              | 18S          |
| 4334      | 3.76                        | -                      | 2.55                   | 60.81             |              | 28S          |

# G1: C32

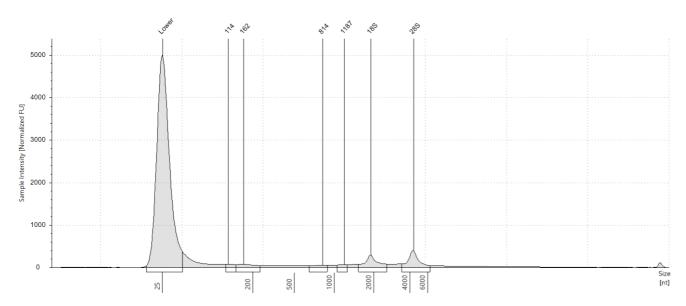


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| Gl   | -    | -              | 6.80          | C32                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 1893      | 1.14                        | -                      | 1.77                   | 43.15             |              | 18S          |
| 4333      | 1.50                        | -                      | 1.02                   | 56.85             |              | 28S          |

# H1: C27

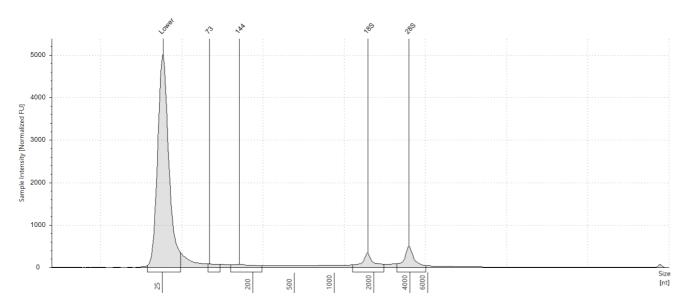


### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| HI   | -    | -              | 7.95          | C27                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc. [ng/μl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 114       | 0.238                       | -                      | 6.15                   | 6.10              |              |              |
| 162       | 0.467                       | -                      | 8.49                   | 11.99             |              |              |
| 814       | 0.268                       | -                      | 0.967                  | 6.87              |              |              |
| 1187      | 0.204                       | -                      | 0.505                  | 5.23              |              |              |
| 1898      | 1.23                        | -                      | 1.91                   | 31.65             |              | 18S          |
| 4338      | 1.49                        | -                      | 1.01                   | 38.16             |              | 28S          |

# A2: C29



### Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| A2   | -    | -              | 8.69          | C29                | <u> </u> | Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                   | 4710                   | -                 |              | Lower Marker |
| 73        | 0.344                       | -                      | 13.9                   | 7.67              |              |              |
| 144       | 0.628                       | -                      | 12.8                   | 14.01             |              |              |
| 1785      | 1.52                        | -                      | 2.50                   | 33.87             |              | 18S          |
| 3910      | 1.99                        | -                      | 1.50                   | 44.45             |              | 28S          |