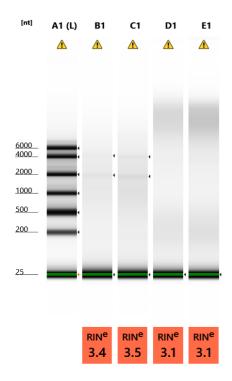
# Filename: 2024-01-25 - 13.07.54.RNA

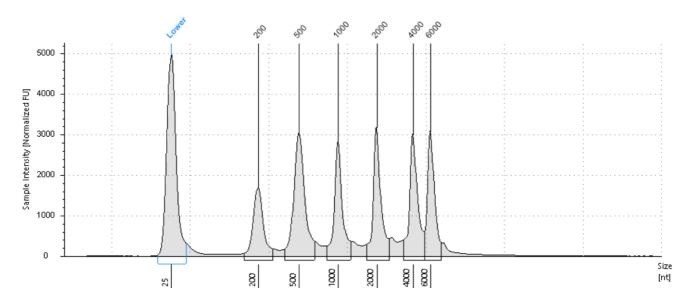


Default image (Contrast 100%)

# Sample Info

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations  |
|------|------|----------------|---------------|--------------------|----------|---|
| A1   | -    | -              | 90.3          | Ladder             | <u> </u> | Caution! Expired<br>ScreenTape device;<br>Ladder  |
| BI   | 3.4  | 0.8            | 11.5          | Qiagen_Low         | À        | Caution! Expired<br>ScreenTape device;<br>Sample concentration<br>outside functional range<br>for RINe and the assay  |
| Cl   | 3.5  | 0.6            | 14.9          | Qiagen_High        | À        | Caution! Expired<br>ScreenTape device;<br>Sample concentration<br>outside functional range<br>for RINe and the assay  |
| DI   | 3.1  | •              | 19.1          | Charm_Low          | A        | Caution! Expired<br>ScreenTape device; The<br>lower ribosomal fragment<br>is missing, Sample<br>concentration outside<br>functional range for RINe<br>and the assay |
| El   | 3.1  |                | 23.9          | Charm_High         | A        | Caution! Expired<br>ScreenTape device; The<br>lower ribosomal fragment<br>is missing, Sample<br>concentration outside<br>functional range for RINe<br>and the assay |

## A1: Ladder

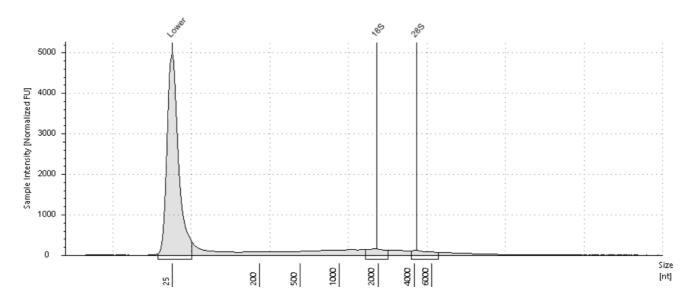


## Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations                                     |
|------|------|----------------|---------------|--------------------|-------|--|
| Al   | -    | -              | 90.3          | Ladder             | A     | Caution! Expired<br>ScreenTape device;<br>Ladder |

| Size [nt] | Calibrated Conc.<br>[ng/µl] | Assigned Conc.<br>[ng/μl] | Peak Molarity<br>[nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|---------------------------|---------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                      | 4710                      | -                 |              | Lower Marker |
| 200       | 9.26                        | -                         | 136                       | 11.79             |              |              |
| 500       | 18.6                        | -                         | 109                       | 23.65             |              |              |
| 1000      | 12.4                        | -                         | 36.4                      | 15.78             |              |              |
| 2000      | 13.1                        | -                         | 19.3                      | 16.69             |              |              |
| 4000      | 13.2                        | -                         | 9.70                      | 16.79             |              |              |
| 6000      | 12.0                        | -                         | 5.89                      | 15.31             |              |              |

# B1: Qiagen\_Low

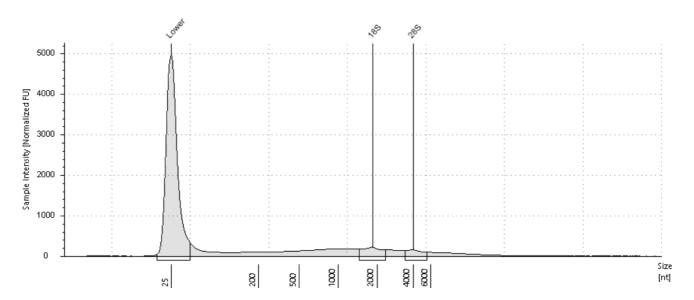


## Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| Bl   | 3.4  | 0.8            | 11.5          | Qiagen_Low         | <u> </u> | Caution! Expired<br>ScreenTape device;<br>Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc.<br>[ng/μl] | Peak Molarity<br>[nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|---------------------------|---------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                      | 4710                      | -                 |              | Lower Marker |
| 1946      | 1.27                        | -                         | 1.92                      | 56.41             |              | 18S          |
| 4220      | 0.979                       | -                         | 0.683                     | 43.59             |              | 28S          |

# C1: Qiagen\_High

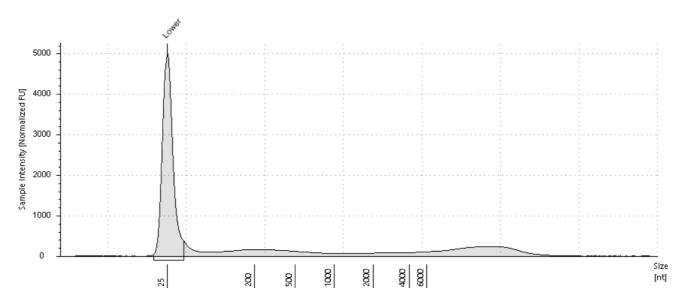


## Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert    | Observations   |
|------|------|----------------|---------------|--------------------|----------|--|
| Cl   | 3.5  | 0.6            | 14.9          | Qiagen_High        | <u> </u> | Caution! Expired<br>ScreenTape device;<br>Sample concentration<br>outside functional range<br>for RINe and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc.<br>[ng/μl] | Peak Molarity<br>[nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|---------------------------|---------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                      | 4710                      | -                 |              | Lower Marker |
| 1863      | 1.94                        | -                         | 3.07                      | 63.13             |              | 18S          |
| 4027      | 1.13                        | -                         | 0.829                     | 36.87             |              | 28S          |

# D1: Charm\_Low

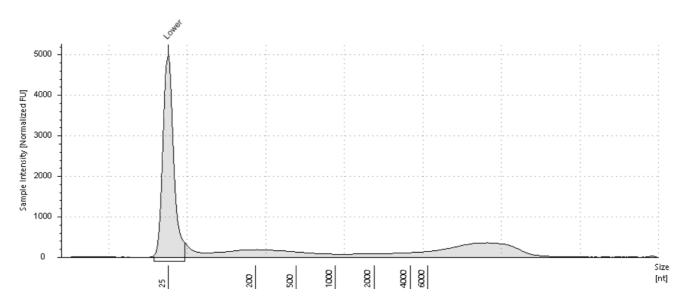


## Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations  |
|------|------|----------------|---------------|--------------------|-------|---|
| DI   | 3.1  | -              | 19.1          | Charm_Low          | A     | Caution! Expired<br>ScreenTape device; The<br>lower ribosomal fragment<br>is missing; Sample<br>concentration outside<br>functional range for RINe<br>and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc.<br>[ng/μl] | Peak Molarity<br>[nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|---------------------------|---------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                      | 4710                      | _                 |              | Lower Marker |

# E1: Charm\_High



## Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations  |
|------|------|----------------|---------------|--------------------|-------|---|
| El   | 3.1  | -              | 23.9          | Charm_High         | A     | Caution! Expired<br>ScreenTape device; The<br>lower ribosomal fragment<br>is missing; Sample<br>concentration outside<br>functional range for RINe<br>and the assay |

| Size [nt] | Calibrated Conc.<br>[ng/μl] | Assigned Conc.<br>[ng/μl] | Peak Molarity<br>[nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|-----------------------------|---------------------------|---------------------------|-------------------|--------------|--------------|
| 25        | 40.0                        | 40.0                      | 4710                      | _                 |              | Lower Marker |