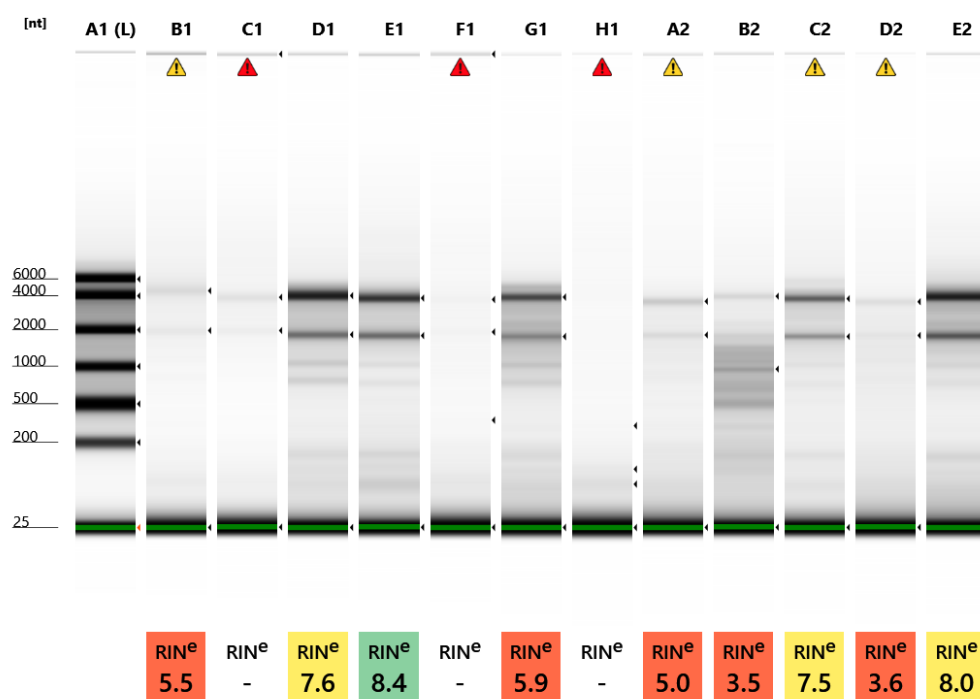


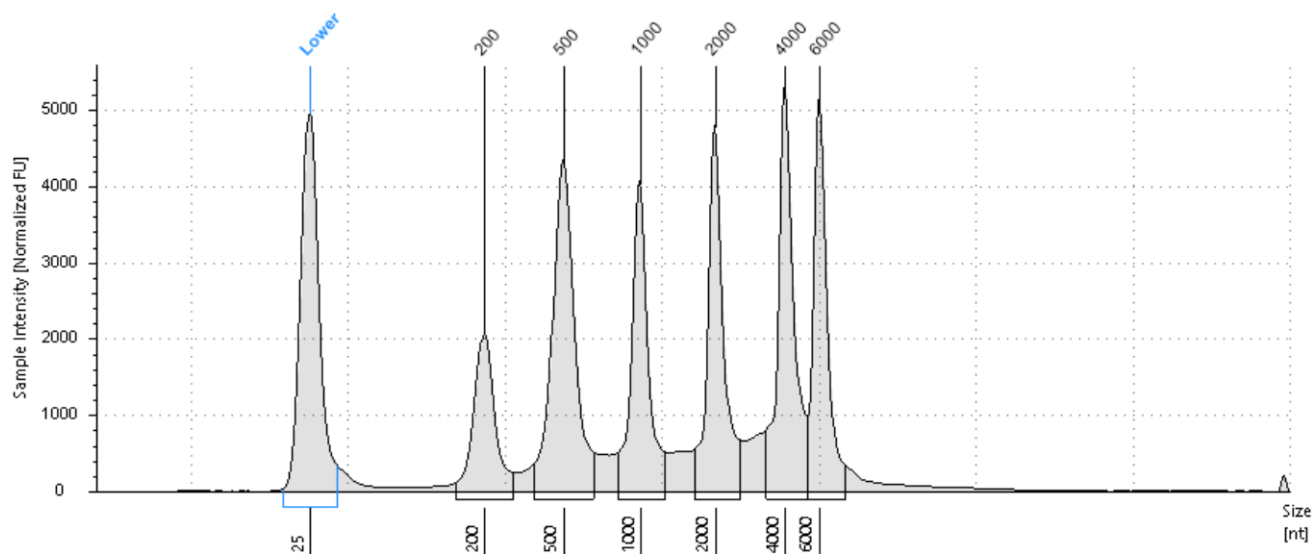
Filename: 2021-10-04 - 14.51.55.RNA



Default image (Contrast 100%)

Sample Info

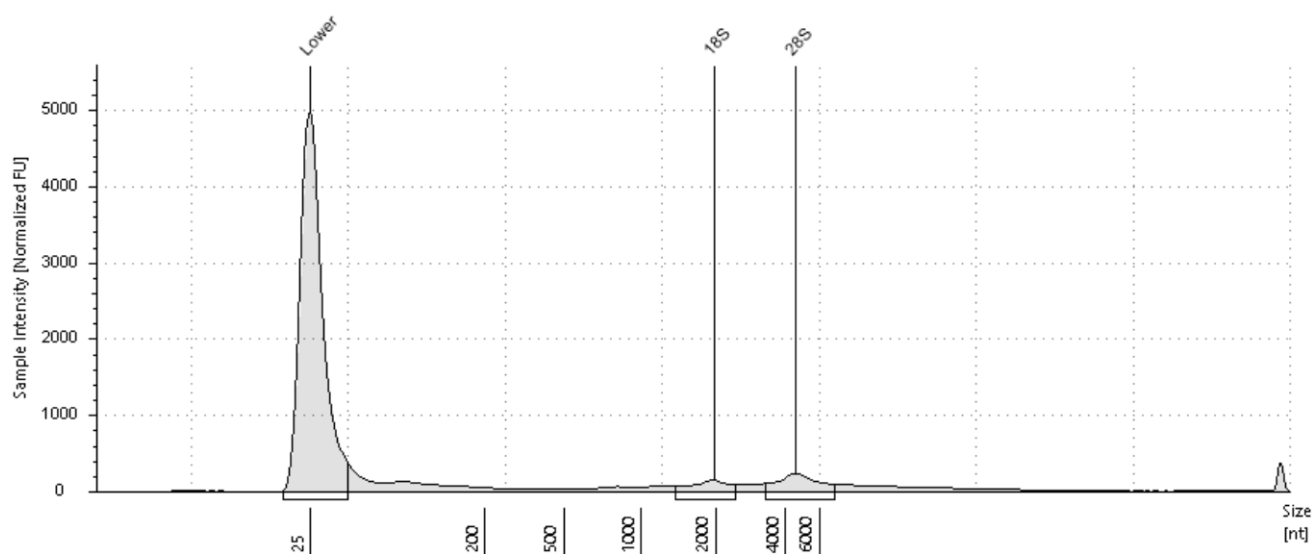
| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| A1 | - | - | 139 | Ladder | | Ladder |
| B1 | 5.5 | 1.7 | 10.8 | 131 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| C1 | - | - | 7.70 | 153 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| D1 | 7.6 | 2.0 | 35.0 | 155 | | |
| E1 | 8.4 | 1.6 | 32.4 | 281 | | |
| F1 | - | - | 7.38 | 291 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| G1 | 5.9 | 1.1 | 30.7 | 299 | | |
| H1 | - | - | 6.99 | 513 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| A2 | 5.0 | 1.4 | 14.2 | 519 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| B2 | 3.5 | 0.5 | 31.7 | 521 | | The upper ribosomal fragment has degraded |
| C2 | 7.5 | 1.4 | 23.1 | 793 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| D2 | 3.6 | 1.1 | 13.1 | 809 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| E2 | 8.0 | 1.5 | 37.5 | 813 | | |

A1: Ladder**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A1 | - | - | 139 | 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 | 11.8 | - | 173 | 9.67 | | |
| 500 | 26.9 | - | 158 | 22.07 | | |
| 1000 | 19.0 | - | 55.8 | 15.57 | | |
| 2000 | 20.9 | - | 30.7 | 17.15 | | |
| 4000 | 23.4 | - | 17.2 | 19.24 | | |
| 6000 | 19.8 | - | 9.73 | 16.29 | | |

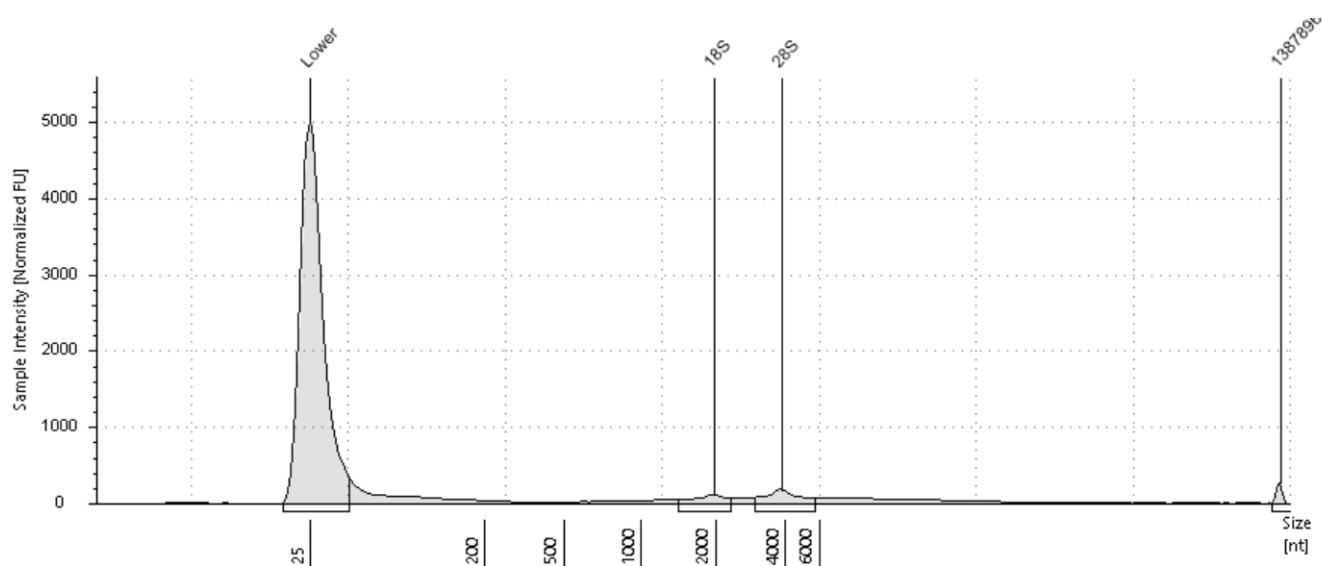
B1: 131**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| B1 | 5.5 | 1.7 | 10.8 | 131 | ⚠ | 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 |
| 1967 | 1.20 | - | 1.80 | 37.21 | | 18S |
| 4507 | 2.03 | - | 1.32 | 62.79 | | 28S |

C1: 153



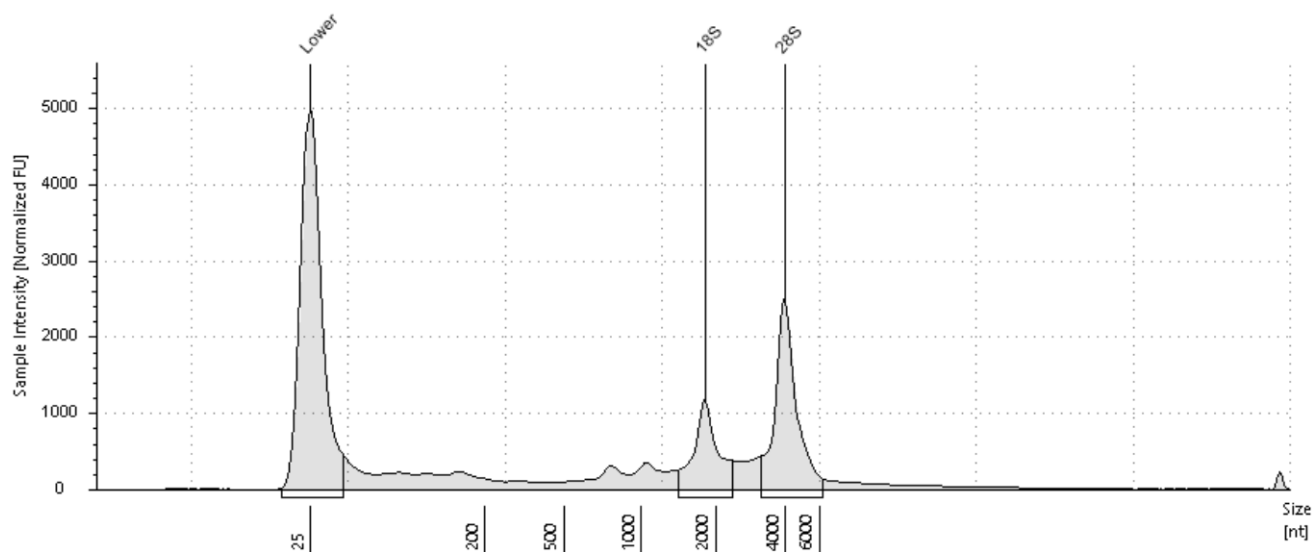
Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| C1 | - | - | 7.70 | 153 | ▲ | 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 |
| 1957 | 0.751 | - | 1.13 | 31.73 | | 18S |
| 3854 | 1.25 | - | 0.953 | 52.74 | | 28S |
| 1387896 | 0.367 | - | 0.000779 | 15.53 | | |

D1: 155

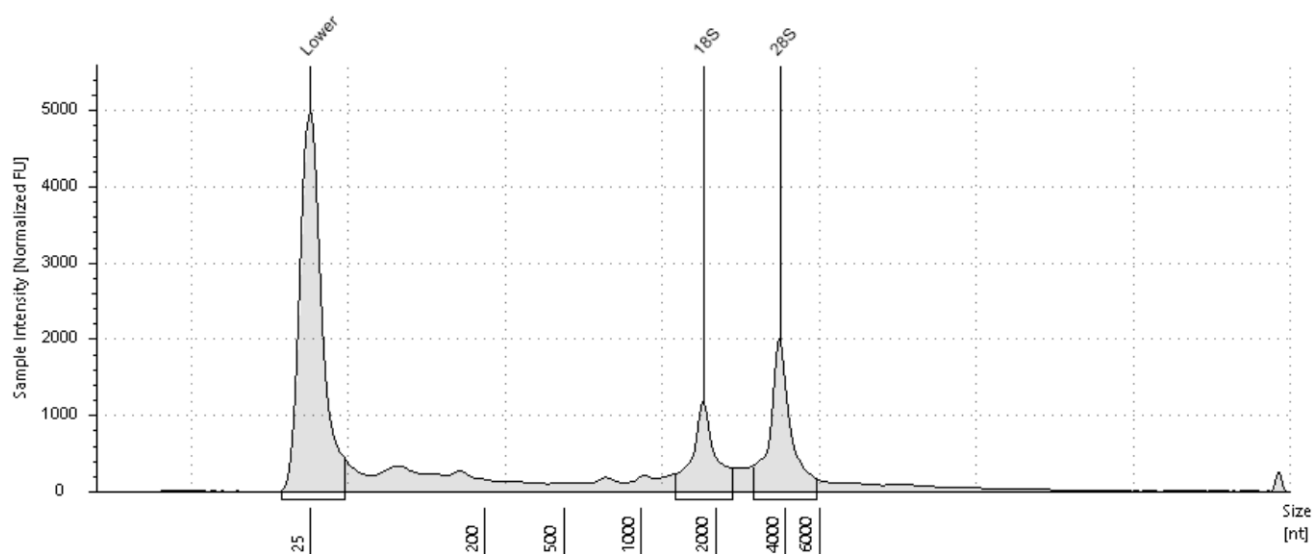


Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| D1 | 7.6 | 2.0 | 35.0 | 155 | | |

Peak Table

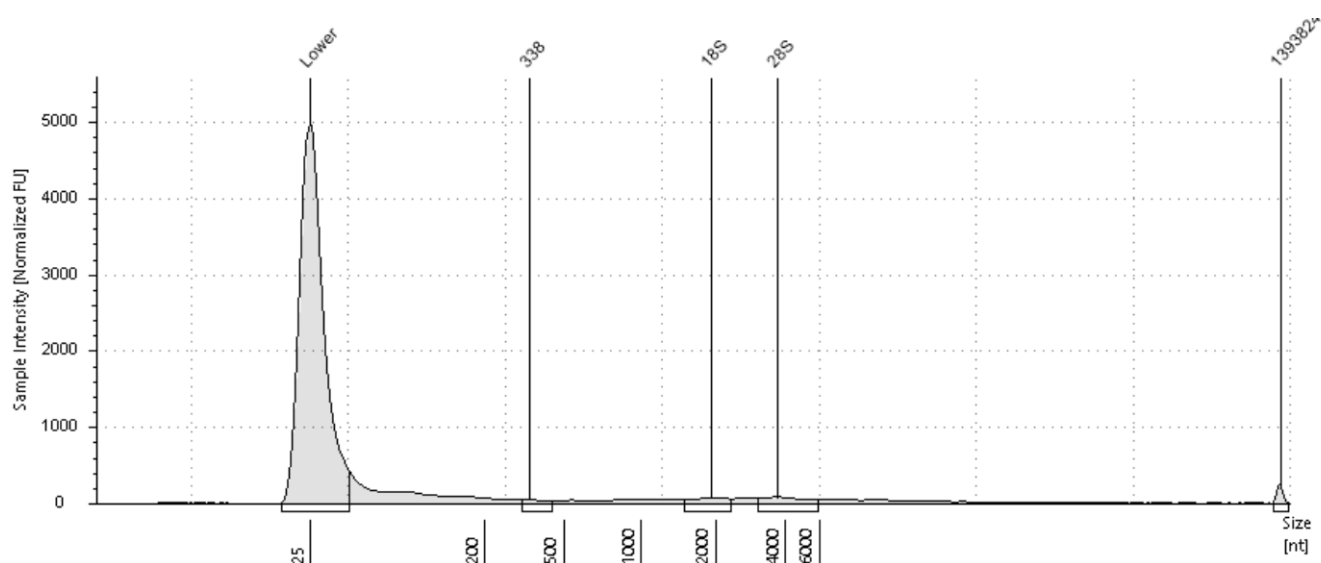
| Size [nt] | Calibrated Conc. [ng/μl] | Assigned Conc. [ng/μl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1817 | 6.28 | - | 10.2 | 33.69 | | 18S |
| 3995 | 12.4 | - | 9.09 | 66.31 | | 28S |

E1: 281**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/ul] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| E1 | 8.4 | 1.6 | 32.4 | 281 | | |

Peak Table

| Size [nt] | Calibrated Conc. [ng/ul] | Assigned Conc. [ng/ul] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1784 | 6.09 | - | 10.0 | 38.84 | | 18S |
| 3804 | 9.58 | - | 7.41 | 61.16 | | 28S |

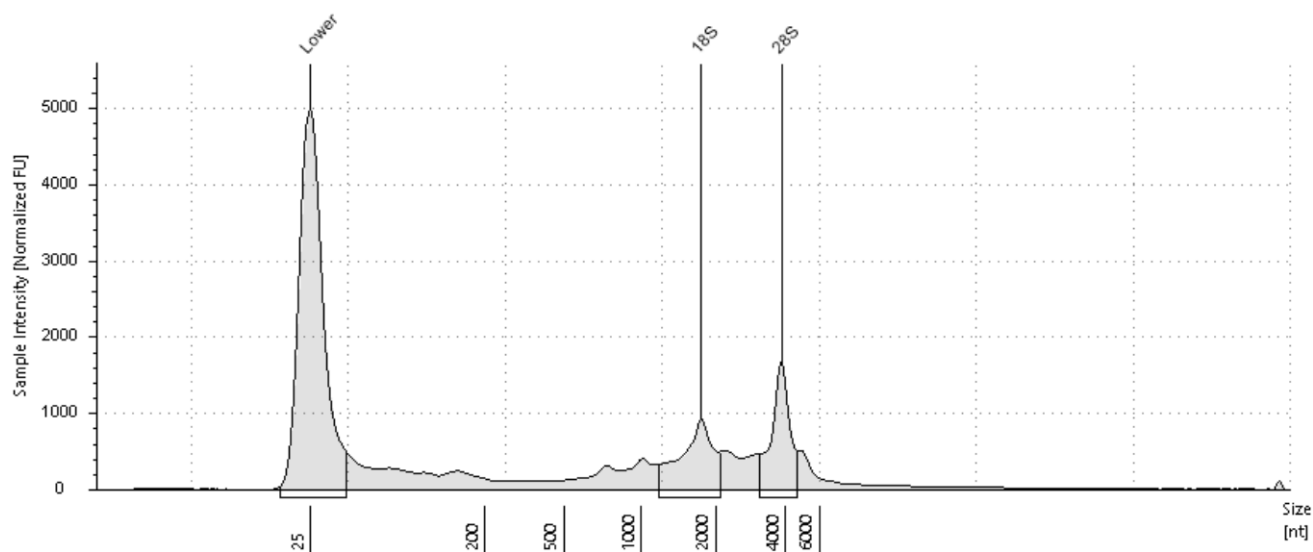
F1: 291**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| F1 | - | - | 7.38 | 291 | ▲ | 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 |
| 338 | 0.195 | - | 1.70 | 11.55 | | |
| 1913 | 0.494 | - | 0.759 | 29.26 | | 18S |
| 3698 | 0.661 | - | 0.526 | 39.21 | | 28S |
| 1393824 | 0.337 | - | 0.000711 | 19.98 | | |

G1: 299



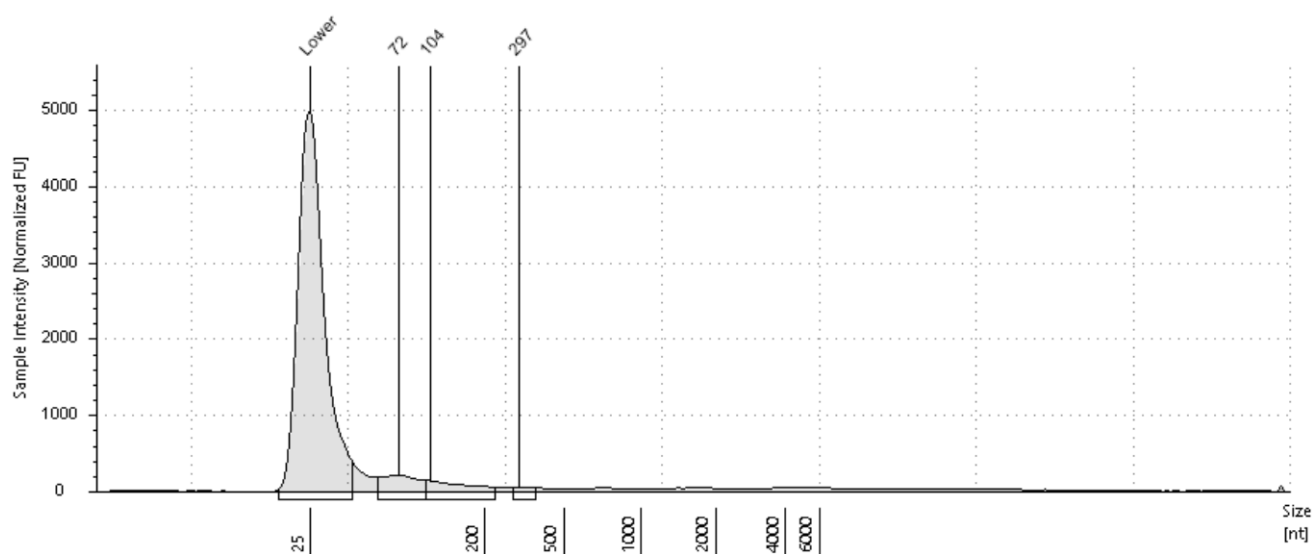
Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/ul] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| G1 | 5.9 | 1.1 | 30.7 | 299 | | |

Peak Table

| Size [nt] | Calibrated Conc. [ng/ul] | Assigned Conc. [ng/ul] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1757 | 5.97 | - | 10.0 | 48.44 | | 18S |
| 3891 | 6.36 | - | 4.81 | 51.56 | | 28S |

H1: 513



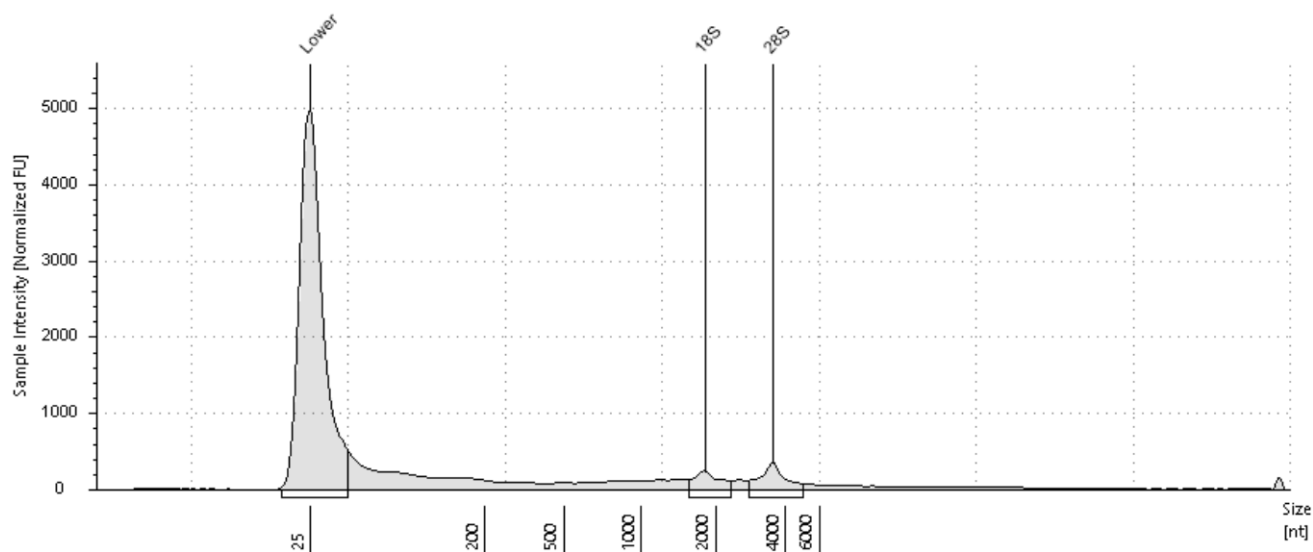
Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| H1 | - | - | 6.99 | 513 | ▲ | 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 |
| 72 | 1.51 | - | 61.6 | 55.40 | | |
| 104 | 1.03 | - | 29.2 | 37.86 | | |
| 297 | 0.183 | - | 1.82 | 6.73 | | |

A2: 519

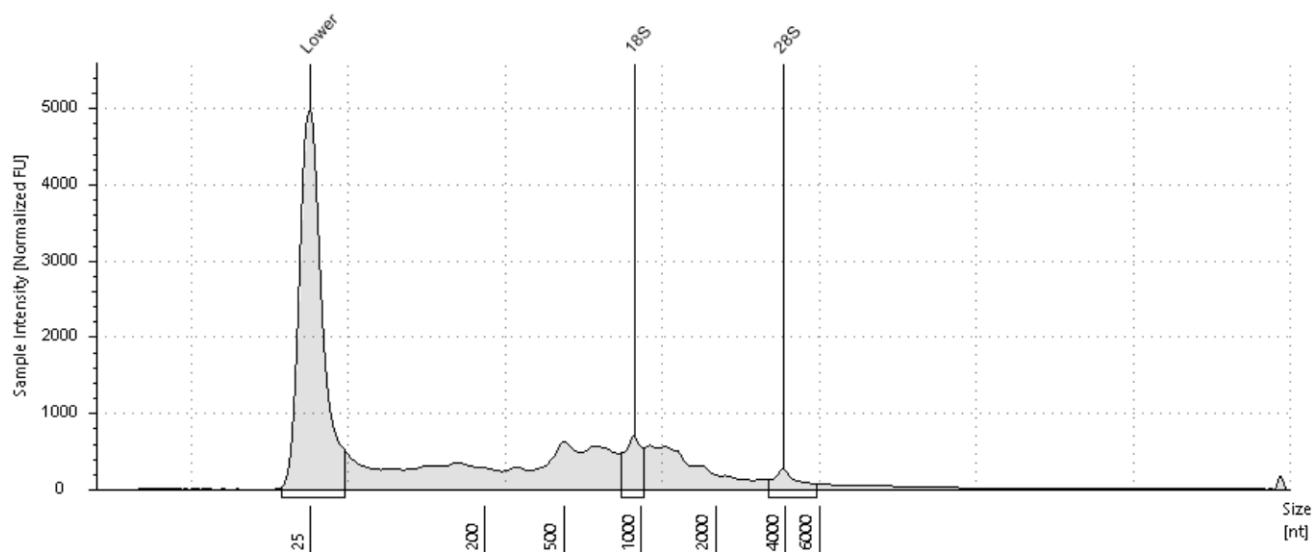


Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| A2 | 5.0 | 1.4 | 14.2 | 519 | ⚠ | 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 |
| 1810 | 1.31 | - | 2.12 | 42.50 | | 18S |
| 3571 | 1.77 | - | 1.46 | 57.50 | | 28S |

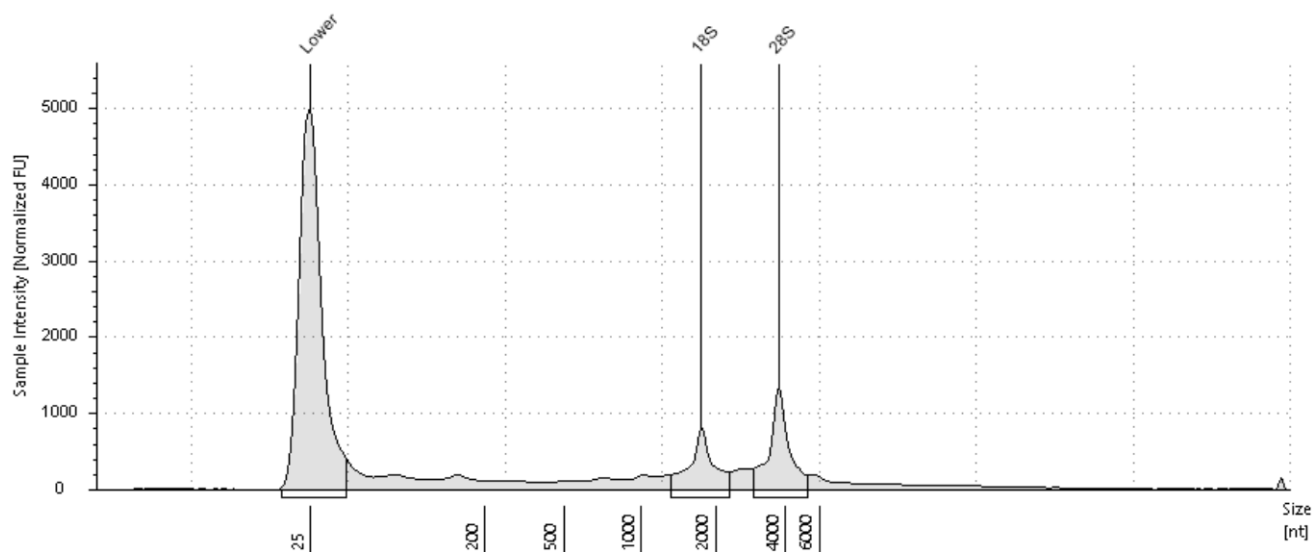
B2: 521**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|---|
| B2 | 3.5 | 0.5 | 31.7 | 521 | | 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 |
| 945 | 2.78 | - | 8.64 | 67.39 | | 18S |
| 3942 | 1.34 | - | 1.00 | 32.61 | | 28S |

C2: 793

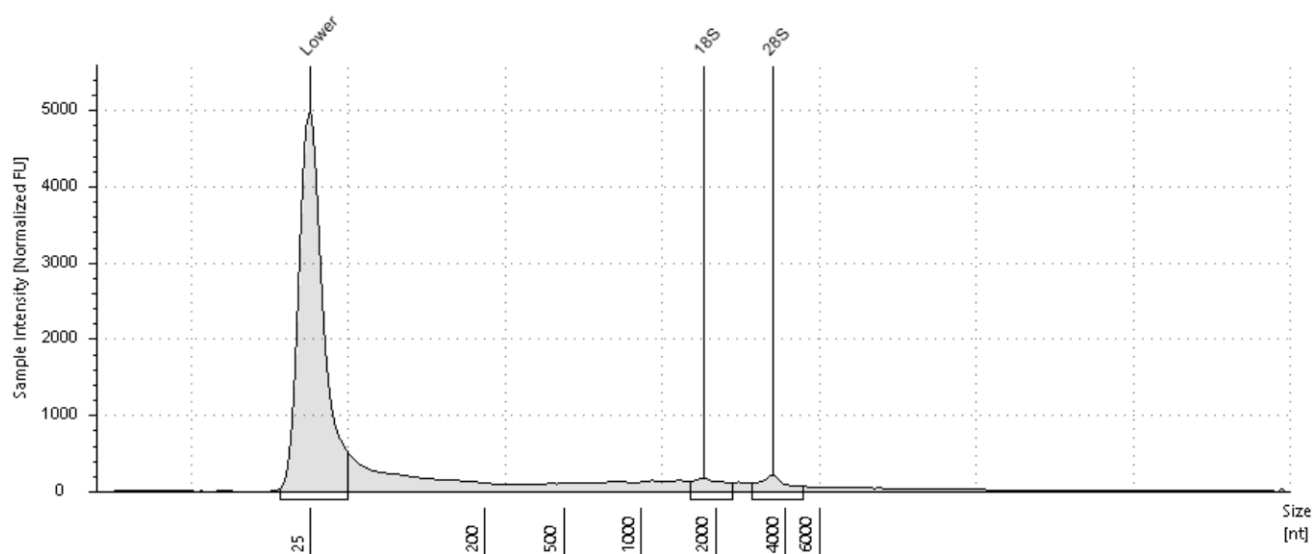


Sample Table

| Well | RINe | 28S/18S (Area) | Conc. [ng/ul] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| C2 | 7.5 | 1.4 | 23.1 | 793 | ⚠ | Sample concentration outside functional range for RINe and the assay |

Peak Table

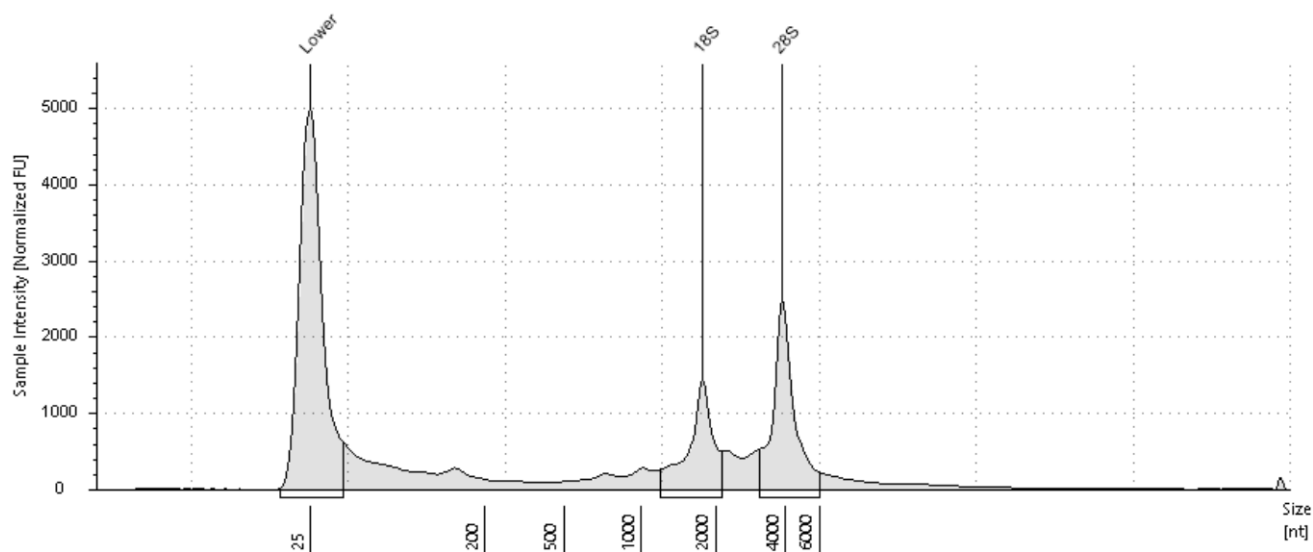
| Size [nt] | Calibrated Conc. [ng/ul] | Assigned Conc. [ng/ul] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1757 | 4.12 | - | 6.90 | 41.29 | | 18S |
| 3767 | 5.86 | - | 4.58 | 58.71 | | 28S |

D2: 809**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--|
| D2 | 3.6 | 1.1 | 13.1 | 809 | ⚠ | 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 |
| 1790 | 1.04 | - | 1.71 | 48.36 | | 18S |
| 3529 | 1.11 | - | 0.928 | 51.64 | | 28S |

E2: 813**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/ul] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| E2 | 8.0 | 1.5 | 37.5 | 813 | | |

Peak Table

| Size [nt] | Calibrated Conc. [ng/ul] | Assigned Conc. [ng/ul] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1786 | 7.47 | - | 12.3 | 39.78 | | 18S |
| 3914 | 11.3 | - | 8.50 | 60.22 | | 28S |