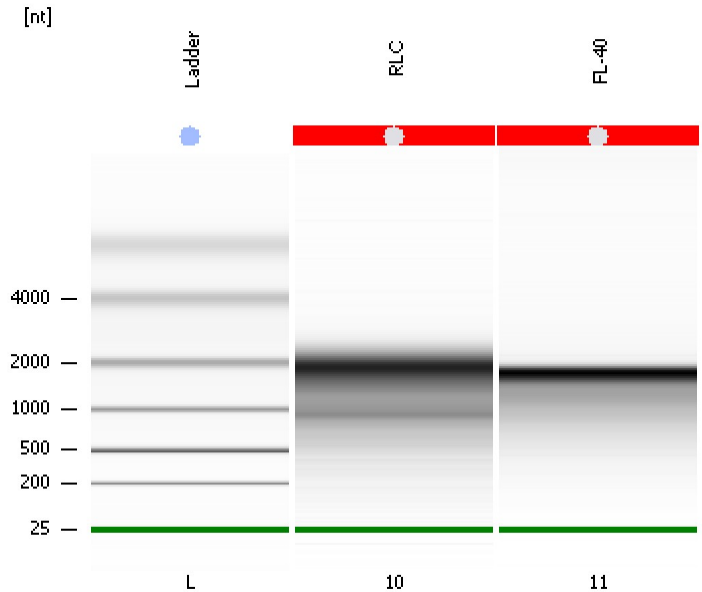


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2018-07-20\2018-07-20\_001\_RNA\_QC305.xad

Created: 7/20/2018 3:19:14 PM  
Modified: 7/20/2018 4:58:52 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy  
Assay Class: Eukaryote Total RNA Pico  
Version: 2.6  
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)  
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Chip Information:

Chip Lot #:  
Reagent Kit Lot #:  
Chip Comments:





Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2018-07-20\2018-07-20\_001\_RNA\_QC305.xad

Created: 7/20/2018 3:19:14 PM  
Modified: 7/20/2018 4:58:52 PM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 17  
Maximum Visible Range [s] : 70  
Start Analysis Time Range [s] : 18  
End Analysis Time Range [s] : 69  
Ladder Concentration [pg/ $\mu$ l] : 1000  
Lower Marker Concentration [pg/ $\mu$ l] : 0  
Upper Marker Concentration [pg/ $\mu$ l] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 18  
Integration End Time [s] : 69  
Slope Threshold : 0.6  
Height Threshold [FU] : 0.5  
Area Threshold : 0.2  
Width Threshold [s] : 0.3  
Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

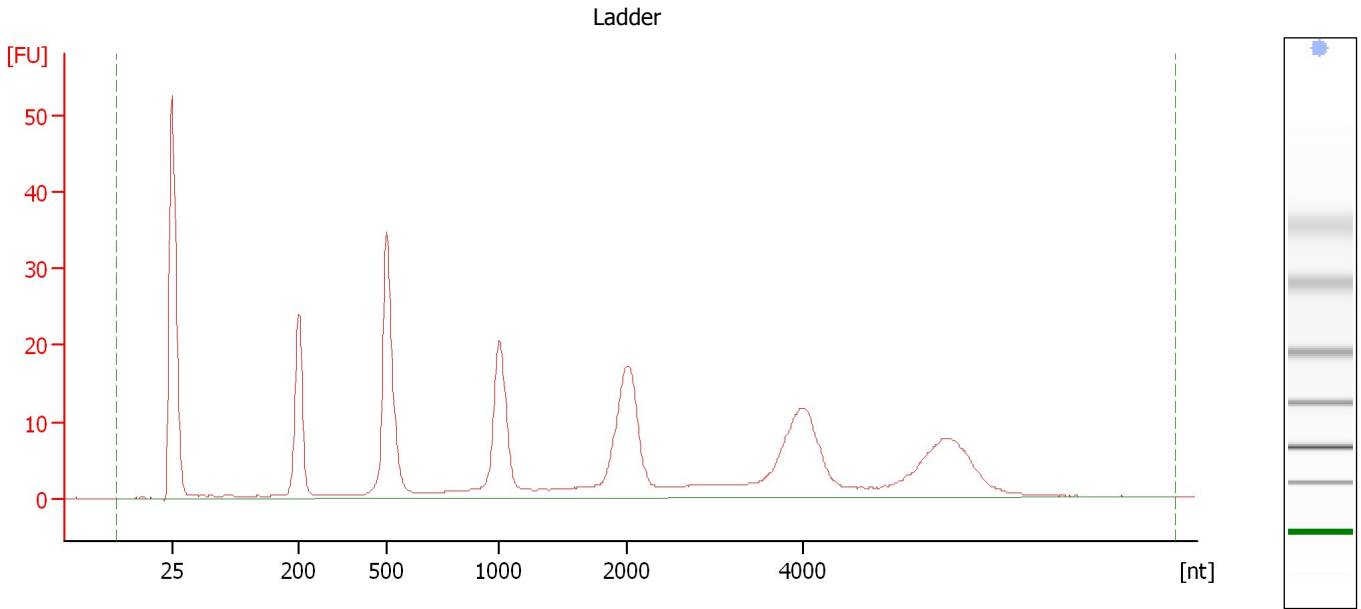
### Ladder

| Ladder Peak | Size |
|-------------|------|
| 1           | 25   |
| 2           | 200  |
| 3           | 500  |
| 4           | 1000 |
| 5           | 2000 |
| 6           | 4000 |

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2018-07-20\2018-07-20\_001\_RNA\_QC305.xad

Created: 7/20/2018 3:19:14 PM  
Modified: 7/20/2018 4:58:52 PM

**Electropherogram Summary**



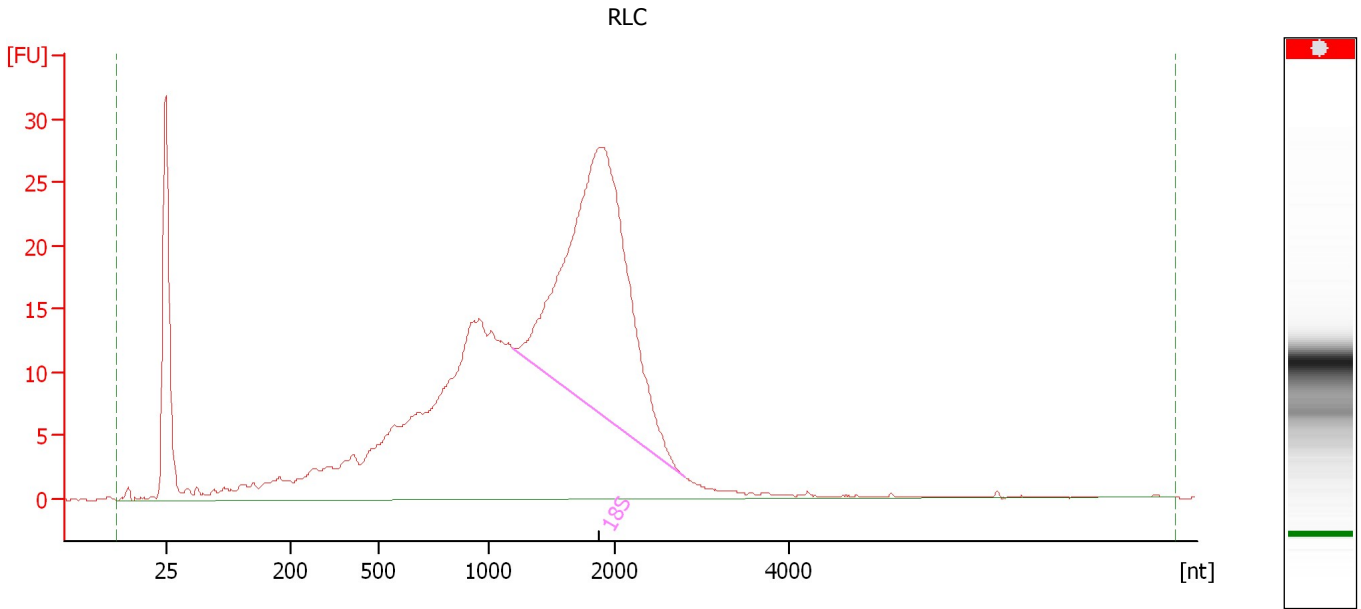
**Overall Results for Ladder**

|                    |             |                        |  |
|--------------------|-------------|------------------------|--|
| RNA Area:          | 316.7       | Result Flagging Color: | <span style="background-color: blue; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> |
| RNA Concentration: | 1,000 pg/μl | Result Flagging Label: | All Other Samples  |

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2018-07-20\2018-07-20\_001\_RNA\_QC305.xad

Created: 7/20/2018 3:19:14 PM  
Modified: 7/20/2018 4:58:52 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : RLC**

|                         |             |                             |   |
|-------------------------|-------------|-----------------------------|---|
| RNA Area:               | 537.0       | RNA Integrity Number (RIN): | N/A (B.02.08)   |
| RNA Concentration:      | 1,696 pg/μl | Result Flagging Color:      | <span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> |
| rRNA Ratio [28s / 18s]: | 0.0         | Result Flagging Label:      | RIN N/A   |

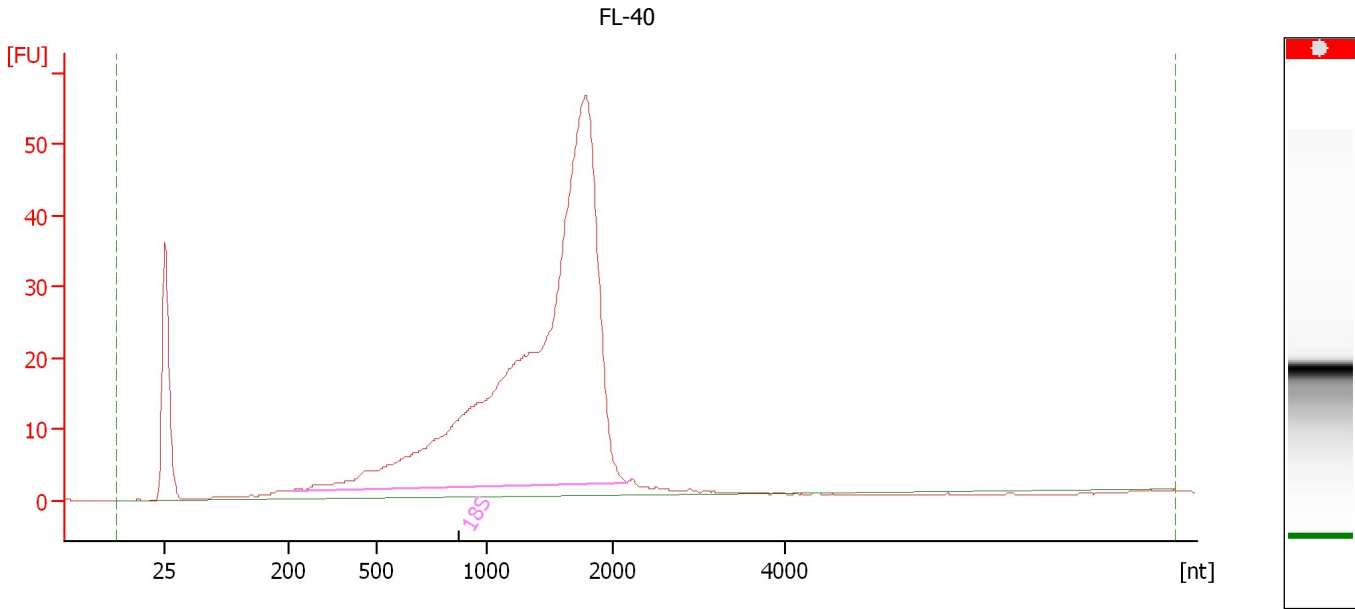
**Fragment table for sample 10 : RLC**

| Name | Start Size [nt] | End Size [nt] | Area  | % of total Area |
|------|-----------------|---------------|-------|-----------------|
| 18S  | 1,195           | 2,813         | 168.4 | 31.4            |

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2018-07-20\2018-07-20\_001\_RNA\_QC305.xad

Created: 7/20/2018 3:19:14 PM  
Modified: 7/20/2018 4:58:52 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : FL-40**

|                         |             |                             |   |
|-------------------------|-------------|-----------------------------|---|
| RNA Area:               | 572.6       | RNA Integrity Number (RIN): | N/A (B.02.08)   |
| RNA Concentration:      | 1,808 pg/μl | Result Flagging Color:      | <span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> |
| rRNA Ratio [28s / 18s]: | 0.0         | Result Flagging Label:      | RIN N/A   |

**Fragment table for sample 11 : FL-40**

| Name | Start Size [nt] | End Size [nt] | Area  | % of total Area |
|------|-----------------|---------------|-------|-----------------|
| 18S  | 209             | 2,170         | 492.8 | 86.1            |

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...er\2100 expert\data\2018-07-20\2018-07-20\_001\_RNA\_QC305.xad

Created: 7/20/2018 3:19:14 PM  
Modified: 7/20/2018 4:58:52 PM

**Gel Image**

