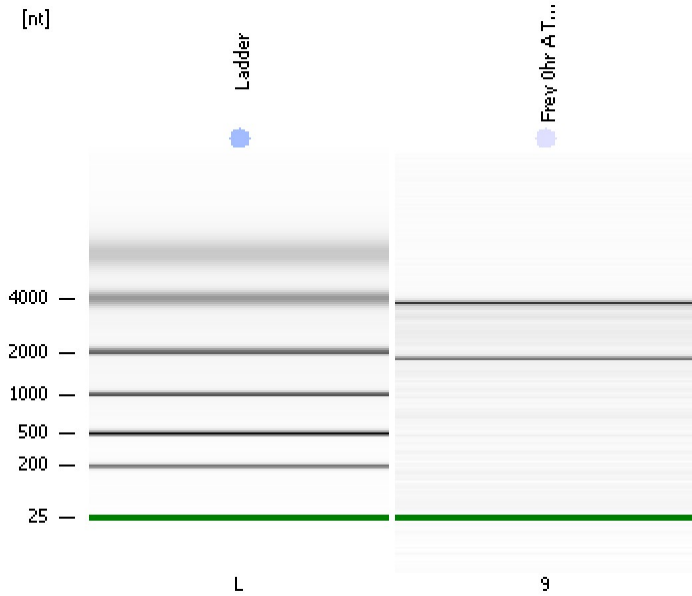


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Settings\Bioanalyzer\2013-10-25\2013-10-25_003_TotalRNA.xad

Created: 10/25/2013 2:05:28 PM
Modified: 10/25/2013 2:35:11 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

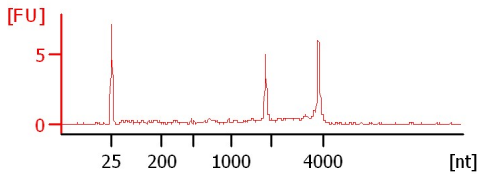
Assay Information:

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

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

Frey 0hr A Total RNA
RIN: 7.90



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Settings\Bioanalyzer\2013-10-25\2013-10-25_003_TotalRNA.xad

Created: 10/25/2013 2:05:28 PM
Modified: 10/25/2013 2:35:11 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Status | Result Label | Result Color |
|----------------------|----------------|--------|-------------------|--------------|
| Frey 0hr A Total RNA | | ✓ | RIN: 7.90 | |
| Ladder | | ✓ | All Other Samples | |

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Settings\Bioanalyzer\2013-10-25\2013-10-25_003_TotalRNA.xad

Created: 10/25/2013 2:05:28 PM
Modified: 10/25/2013 2:35:11 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/μl] : 150
Lower Marker Concentration [ng/μl] : 0
Upper Marker Concentration [ng/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

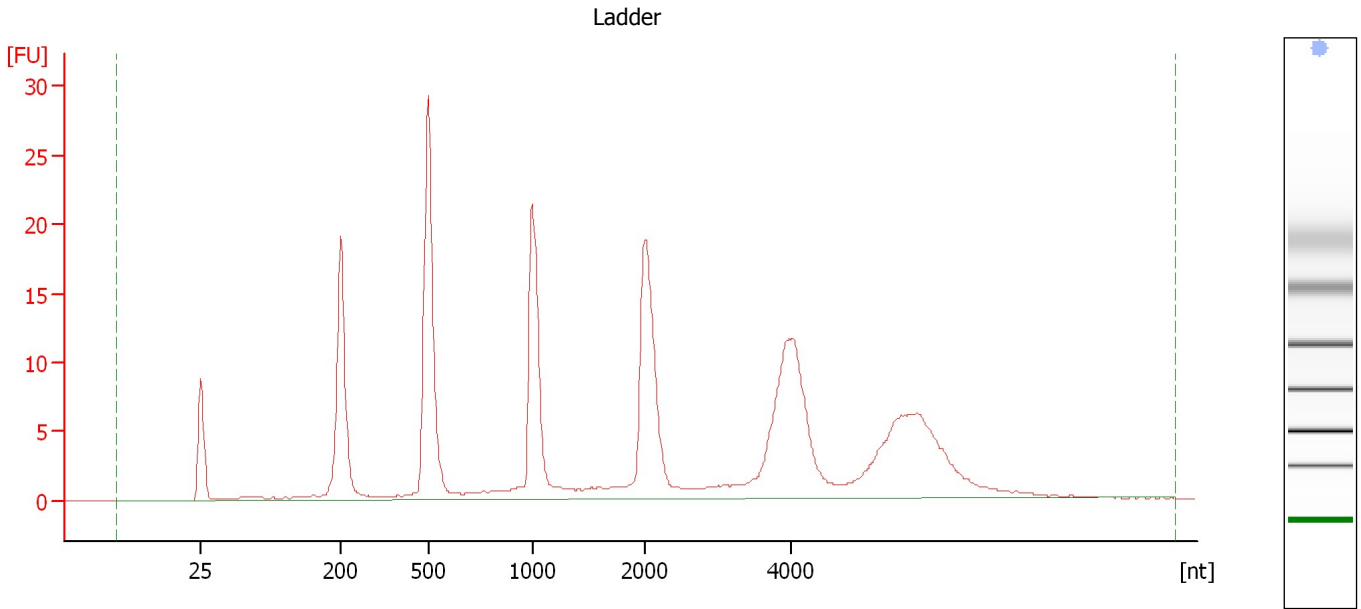
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Settings\Bioanalyzer\2013-10-25\2013-10-25_003_TotalRNA.xad

Created: 10/25/2013 2:05:28 PM
Modified: 10/25/2013 2:35:11 PM

Electropherogram Summary



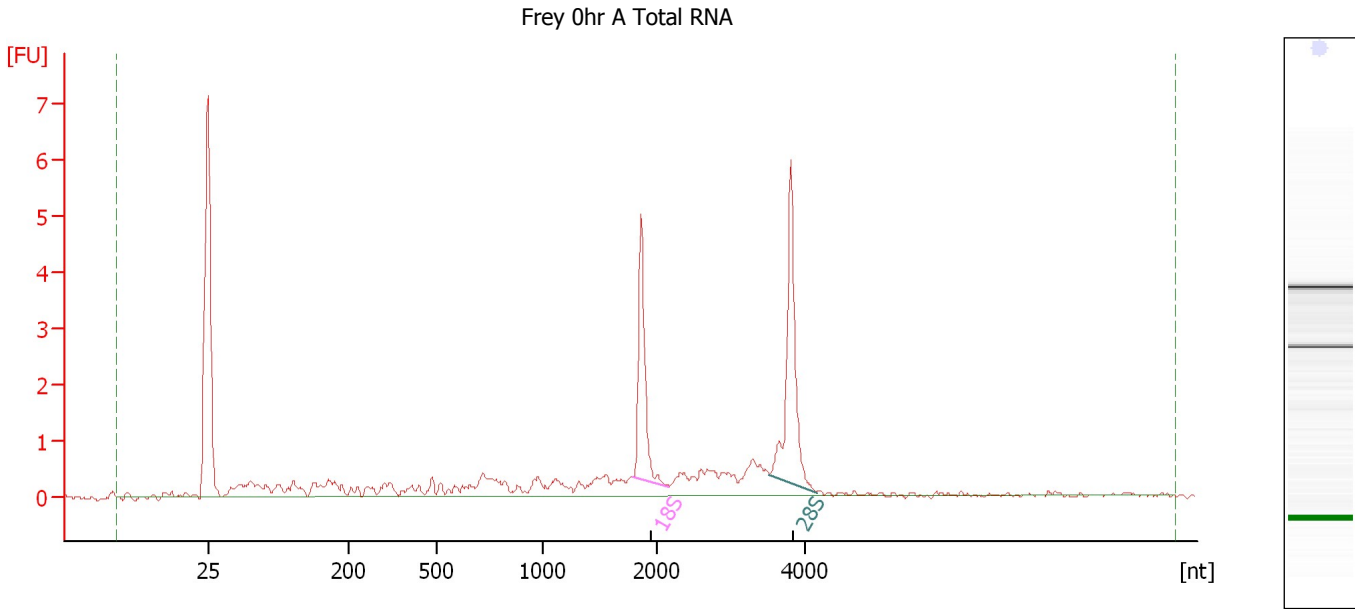
Overall Results for Ladder

| | | | |
|--------------------|-----------|------------------------|---|
| RNA Area: | 241.3 | Result Flagging Color: | |
| RNA Concentration: | 150 ng/μl | Result Flagging Label: | All Other Samples |

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Settings\Bioanalyzer\2013-10-25\2013-10-25_003_TotalRNA.xad

Created: 10/25/2013 2:05:28 PM
 Modified: 10/25/2013 2:35:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Frey 0hr A Total RNA

| | | | |
|-------------------------|----------|-----------------------------|---|
| RNA Area: | 25.4 | RNA Integrity Number (RIN): | 7.9 (B.02.08) |
| RNA Concentration: | 16 ng/μl | Result Flagging Color: | |
| rRNA Ratio [28s / 18s]: | 1.4 | Result Flagging Label: | RIN: 7.90 |

Fragment table for sample 9 : Frey 0hr A Total RNA

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 18S | 1,790 | 2,168 | 3.6 | 14.1 |
| 28S | 3,523 | 4,157 | 5.0 | 19.6 |

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Settings\Bioanalyzer\2013-10-25\2013-10-25_003_TotalRNA.xad

Created: 10/25/2013 2:05:28 PM
Modified: 10/25/2013 2:35:11 PM

Gel Image

