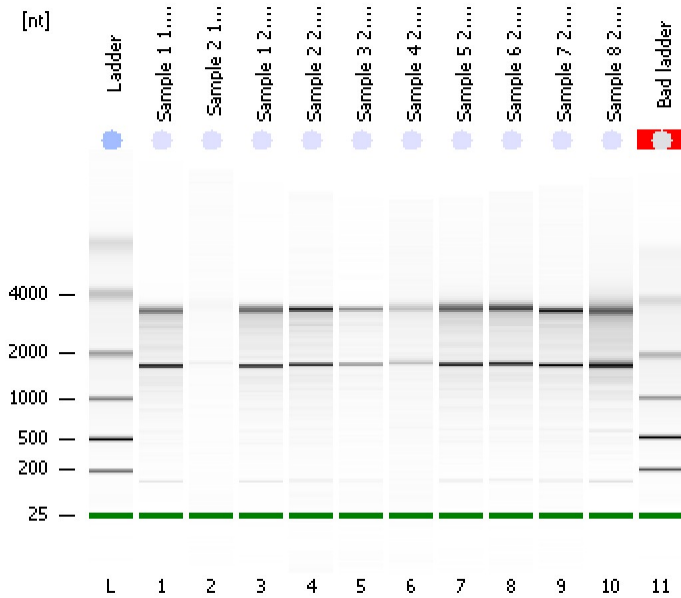


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 PM

Electrophoresis File Run Summary



Instrument Information:

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

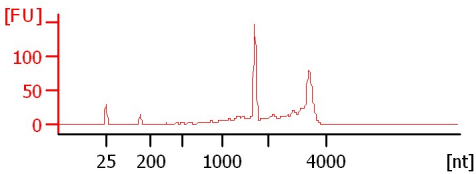
Assay Information:

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)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

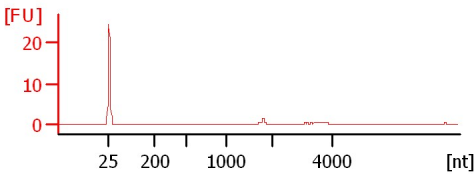
Chip Information:

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

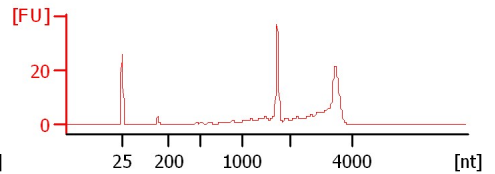
Sample 1 1.29.19
RIN:8



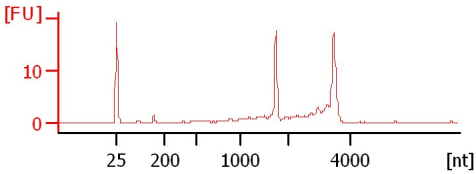
Sample 2 1.29.19
RIN: 6.70



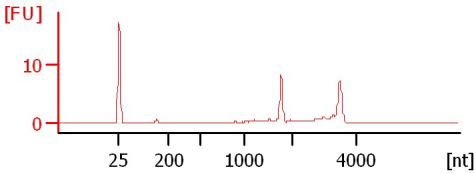
Sample 1 2.12.19
RIN: 8.60



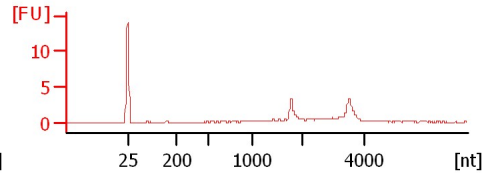
Sample 2 2.12.19
RIN: 8.60



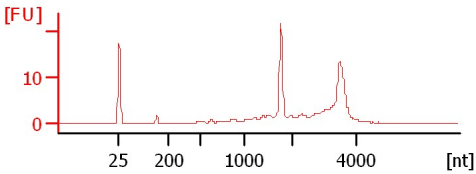
Sample 3 2.12.19
RIN: 8.90



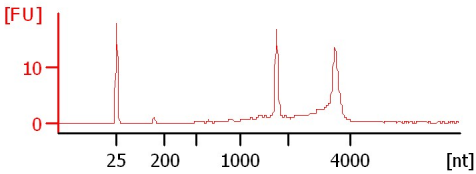
Sample 4 2.12.19
RIN: 8.20



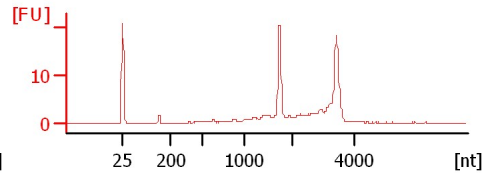
Sample 5 2.12.19
RIN: 8.80



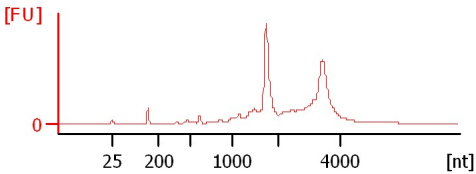
Sample 6 2.12.19
RIN:9



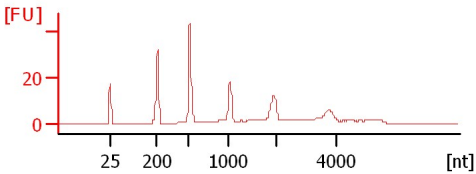
Sample 7 2.12.19
RIN: 8.60



Sample 8 2.12.19
RIN: 8.10



Bad ladder
RIN N/A



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
 Modified: 2/19/2019 4:13:05 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1 1.29.19		✓	RIN:8	
Sample 2 1.29.19		✓	RIN: 6.70	
Sample 1 2.12.19		✓	RIN: 8.60	
Sample 2 2.12.19		✓	RIN: 8.60	
Sample 3 2.12.19		✓	RIN: 8.90	
Sample 4 2.12.19		✓	RIN: 8.20	
Sample 5 2.12.19		✓	RIN: 8.80	
Sample 6 2.12.19		✓	RIN:9	
Sample 7 2.12.19		✓	RIN: 8.60	
Sample 8 2.12.19		✓	RIN: 8.10	
Bad ladder		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 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/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ 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

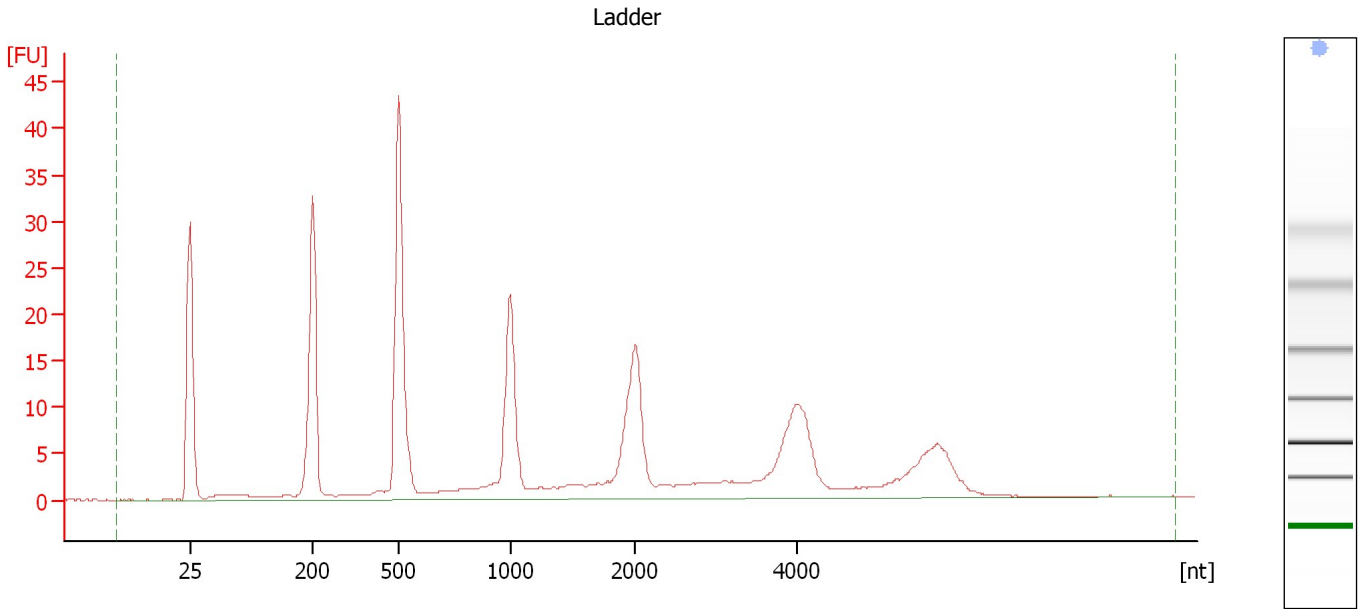
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 PM

Electropherogram Summary



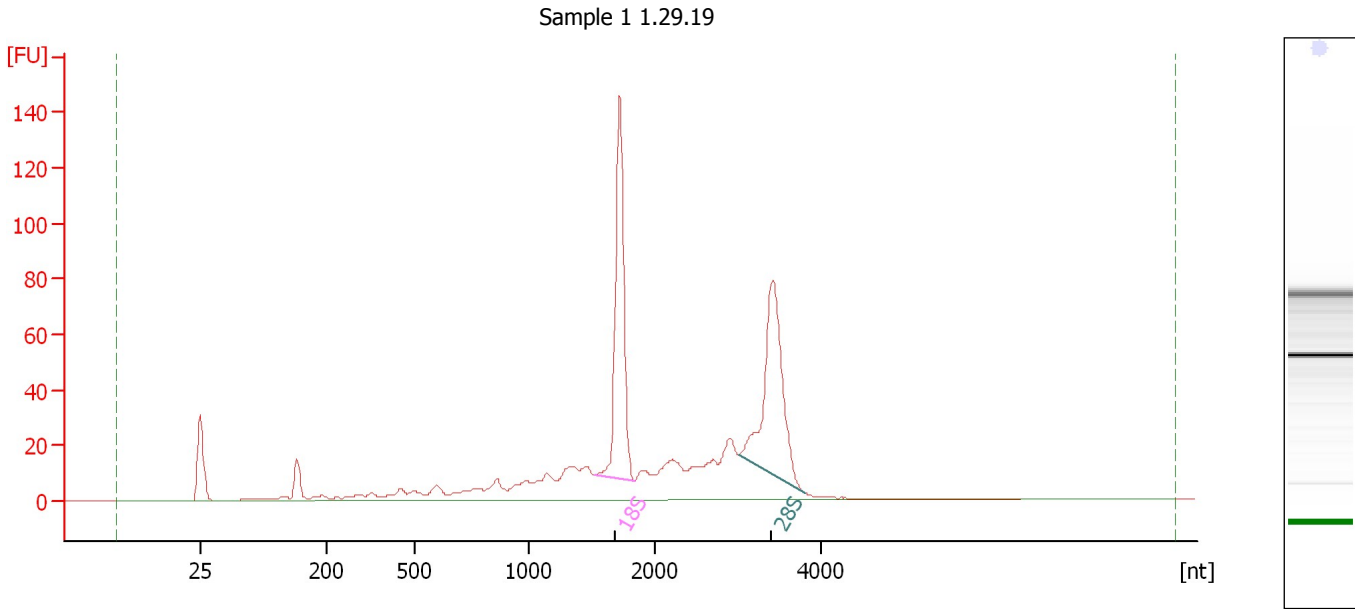
Overall Results for Ladder

RNA Area:	280.1	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Sample 1 1.29.19

RNA Area: 708.1 RNA Integrity Number (RIN): 8 (B.02.08)
RNA Concentration: 2,528 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.9 Result Flagging Label: RIN:8

Fragment table for sample 1 : Sample 1 1.29.19

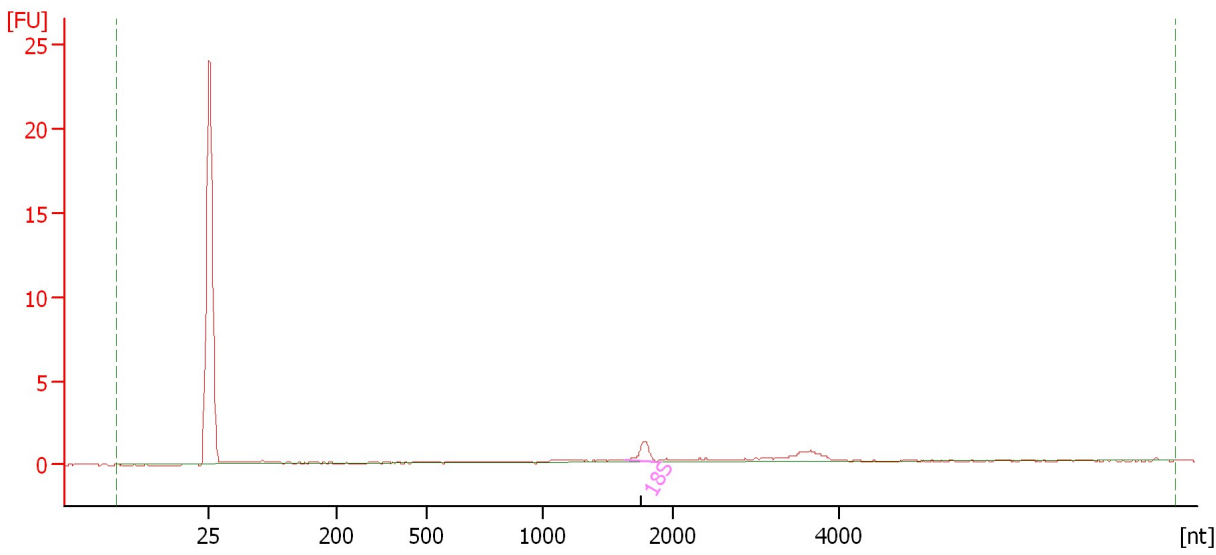
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,522	1,831	145.9	20.6
28S	3,009	3,813	135.9	19.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 PM

Electropherogram Summary Continued ...

Sample 2 1.29.19



Overall Results for sample 2 : Sample 2 1.29.19

RNA Area: 9.5 RNA Integrity Number (RIN): 6.7 (B.02.08)
RNA Concentration: 34 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 6.70

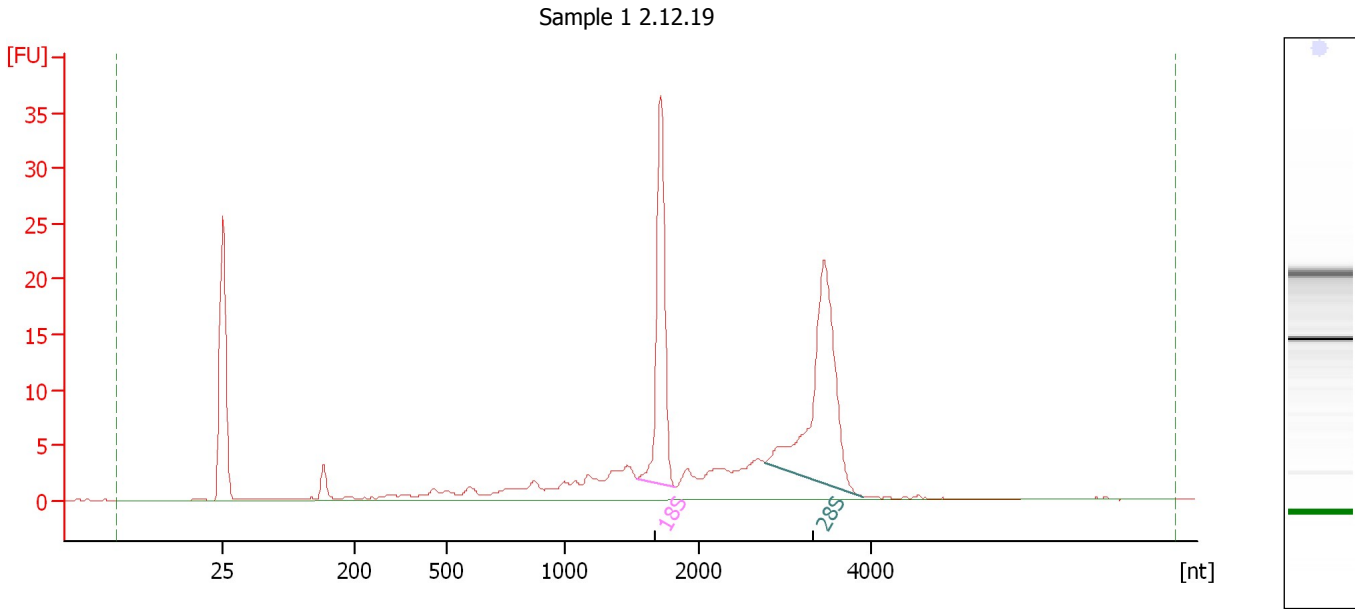
Fragment table for sample 2 : Sample 2 1.29.19

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,643	1,881	1.4	14.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 1 2.12.19

RNA Area: 166.6 RNA Integrity Number (RIN): 8.6 (B.02.08)
RNA Concentration: 595 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 8.60

Fragment table for sample 3 : Sample 1 2.12.19

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,541	1,830	32.9	19.8
28S	2,766	3,907	46.7	28.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-19\2019-02-19_002.xad

Created: 2/19/2019 3:50:08 PM
Modified: 2/19/2019 4:13:05 PM

Gel Image

