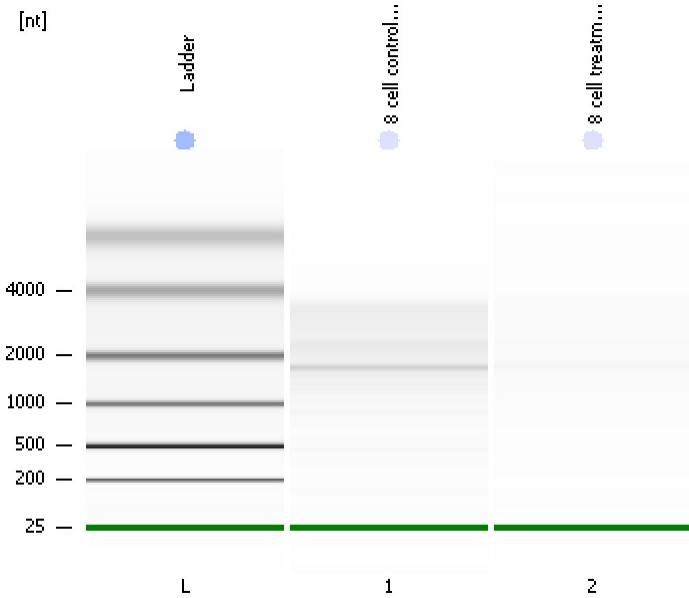


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

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

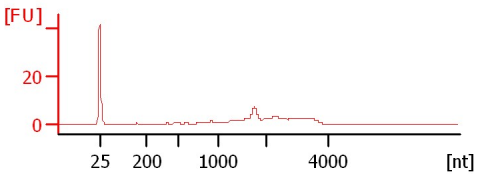
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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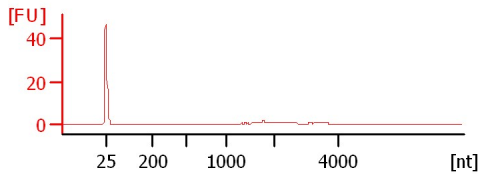
Chip Information:

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

8 cell control (1)
QC285
RIN: 6.10



8 cell treatment (2)
QC285
RIN: 4.50



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
8 cell control (1)	QC285	✓	RIN: 6.10	
8 cell treatment (2)	QC285	✓	RIN: 4.50	
Ladder		✓	All Other Samples	

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

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

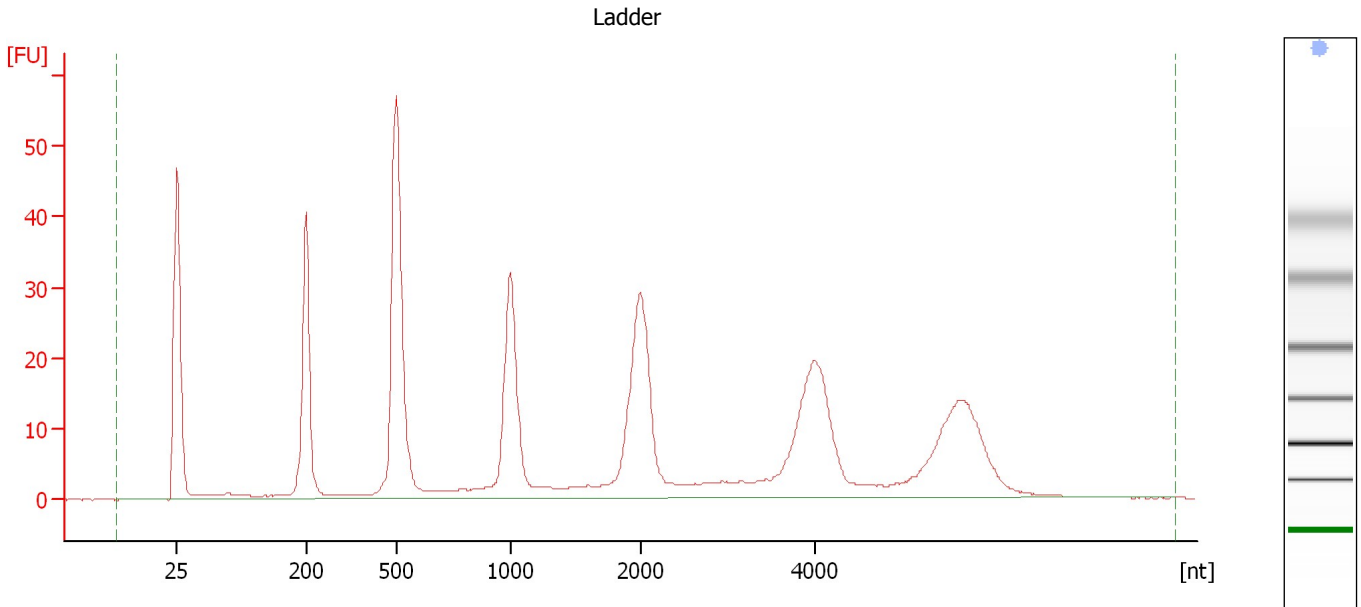
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

Electropherogram Summary



Overall Results for Ladder

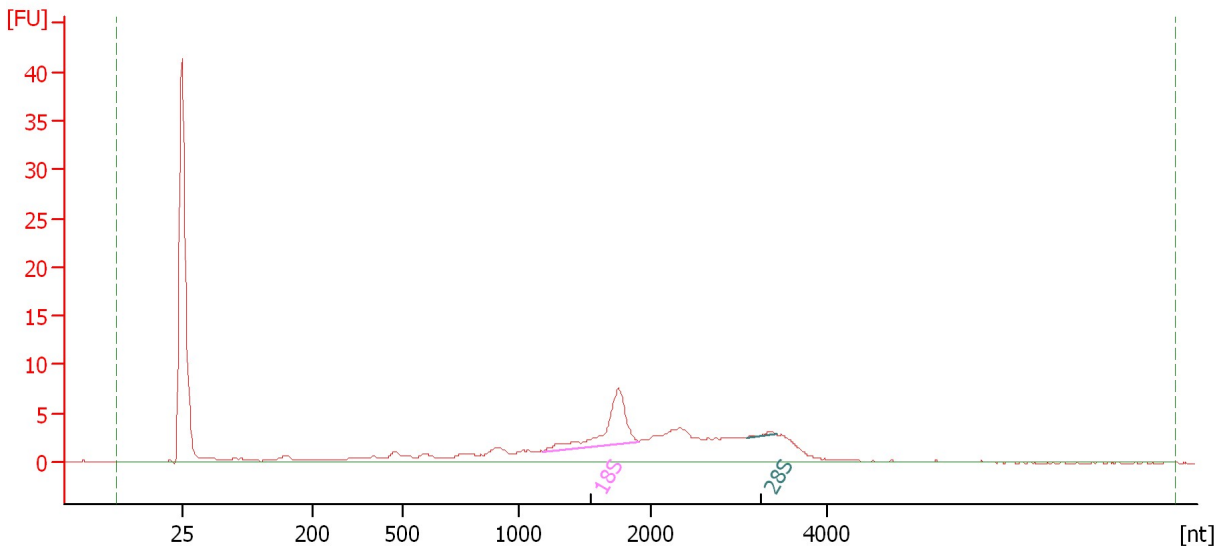
RNA Area:	500.3	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

Electropherogram Summary Continued ...

8 cell control (1) [QC285]



Overall Results for sample 1 : 8 cell control (1)

RNA Area: 103.5 RNA Integrity Number (RIN): 6.1 (B.02.08)
RNA Concentration: 207 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 6.10

Fragment table for sample 1 : 8 cell control (1)

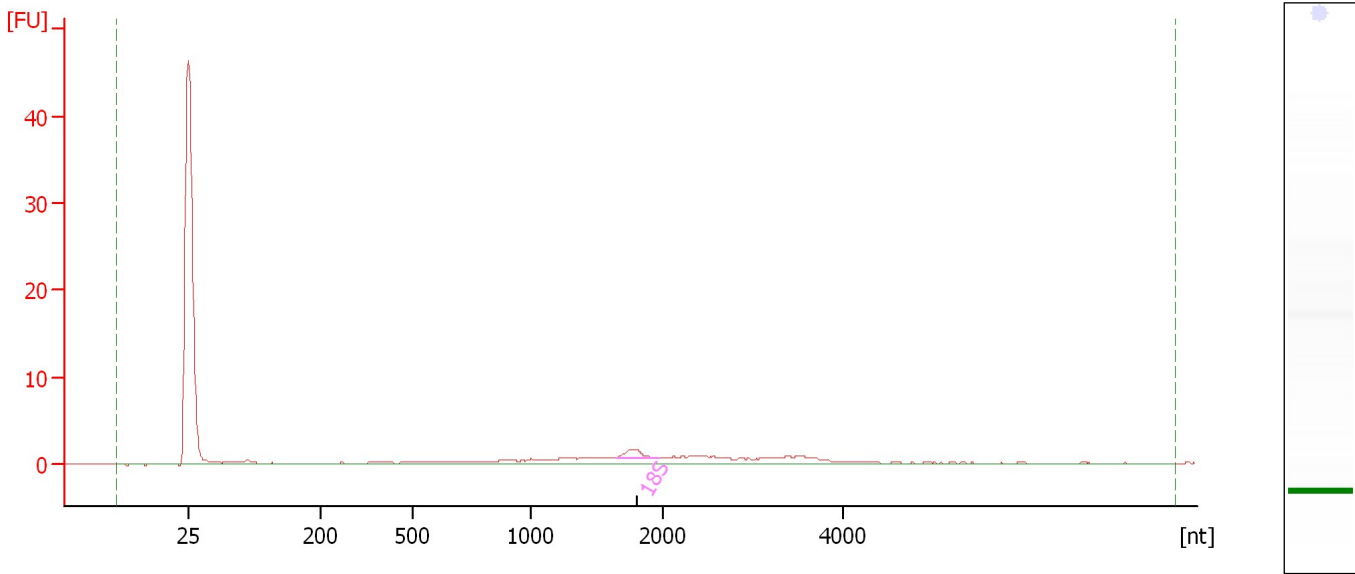
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,182	1,911	13.8	13.3
28S	3,081	3,421	0.4	0.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

Electropherogram Summary Continued ...

8 cell treatment (2) [QC285]



Overall Results for sample 2 : 8 cell treatment (2)

RNA Area:	37.9	RNA Integrity Number (RIN):	4.5 (B.02.08)
RNA Concentration:	76 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.50

Fragment table for sample 2 : 8 cell treatment (2)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,642	1,970	2.0	5.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-06-12\2018-06-12_001_QC285.xad

Created: 6/12/2018 10:25:30 AM
Modified: 6/12/2018 10:53:59 AM

Gel Image

