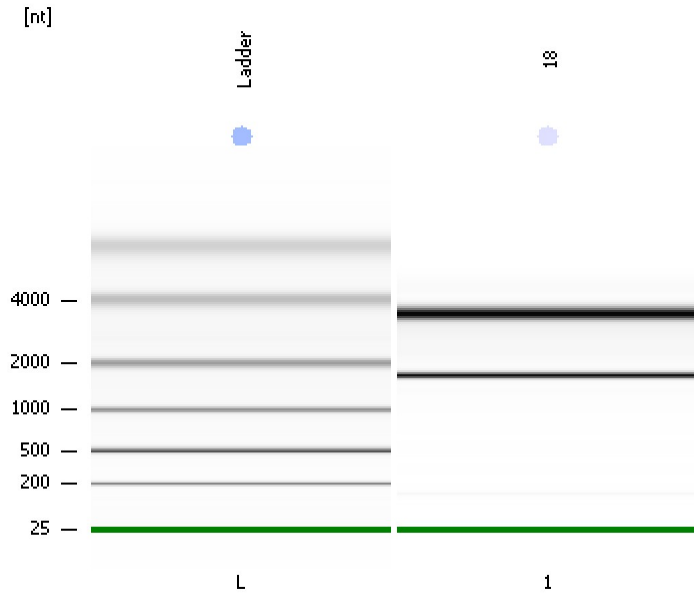


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...xpert\data\2018-06-13\2018-06-13_003_HiSeq1398_RNAQC_18.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/15/2018 2:02:32 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

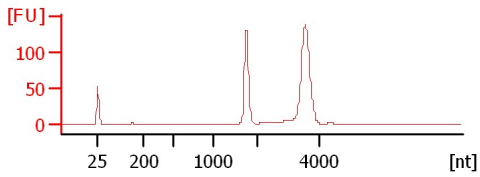
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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Chip Information:

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

HiSeq1398
RIN:10



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...xpert\data\2018-06-13\2018-06-13_003_HiSeq1398_RNAQC_18.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/15/2018 2:02:32 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
18	HiSeq1398	✓	RIN:10	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...xpert\data\2018-06-13\2018-06-13_003_HiSeq1398_RNAQC_18.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/15/2018 2:02:32 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

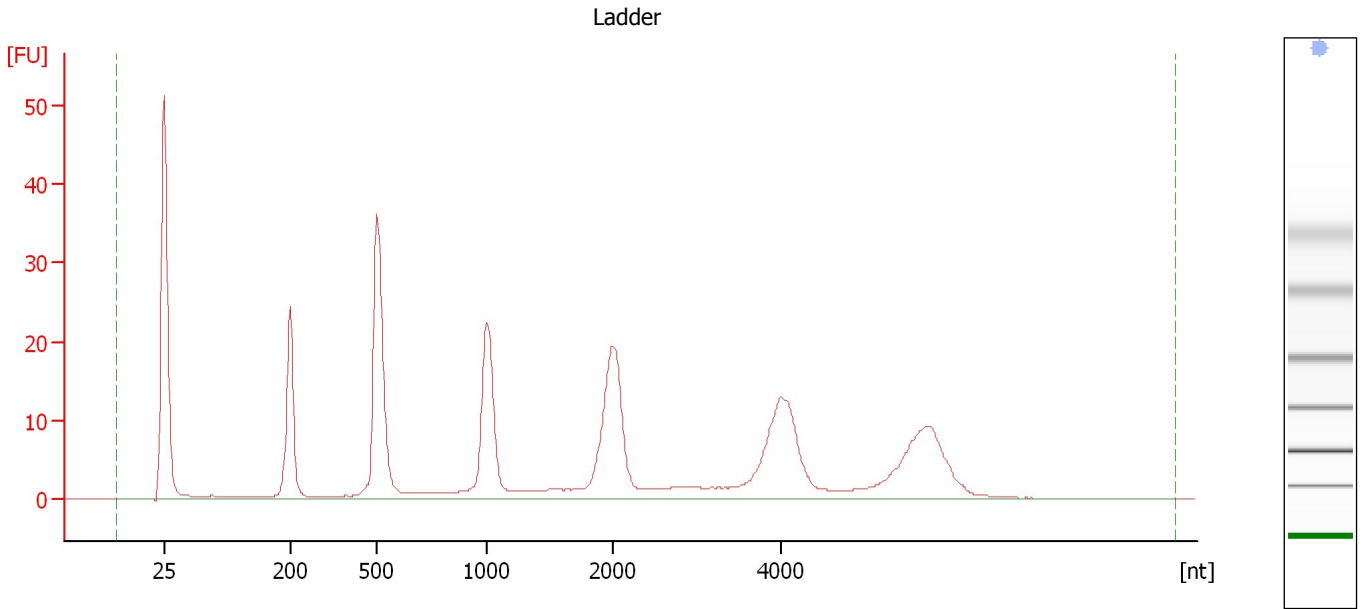
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...xpert\data\2018-06-13\2018-06-13_003_HiSeq1398_RNAQC_18.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/15/2018 2:02:32 PM

Electropherogram Summary



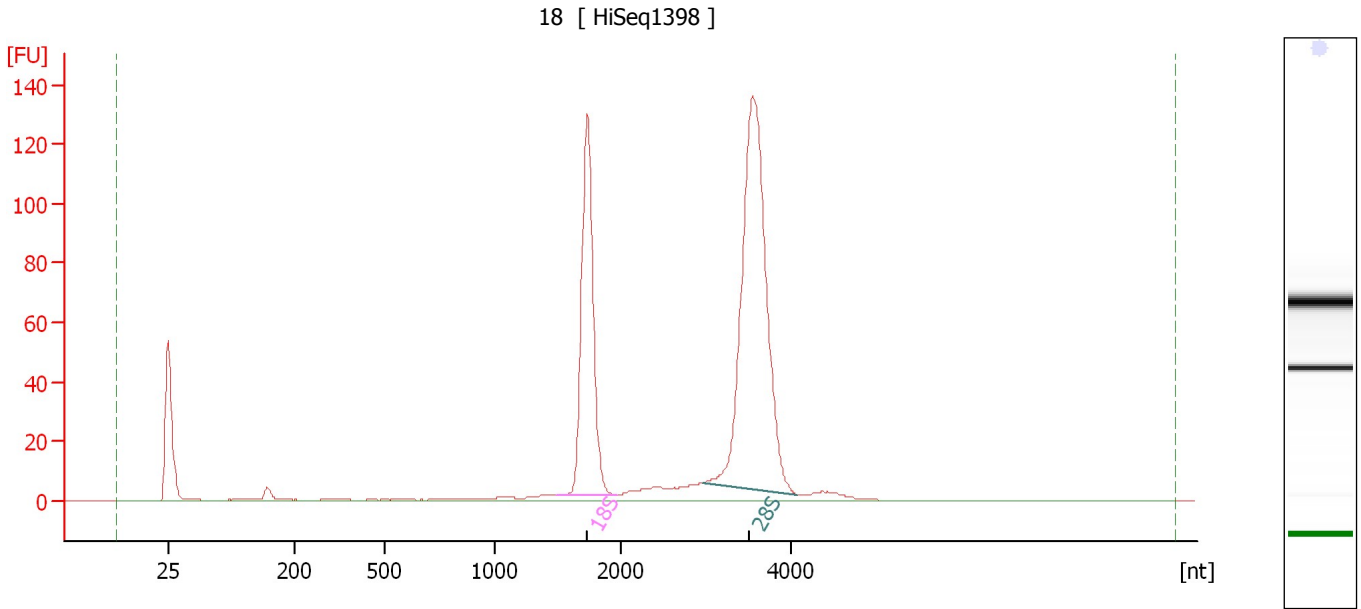
Overall Results for Ladder

RNA Area:	315.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...xpert\data\2018-06-13\2018-06-13_003_HiSeq1398_RNAQC_18.xad

Created: 6/13/2018 3:10:31 PM
 Modified: 6/15/2018 2:02:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 18

RNA Area:	671.3	RNA Integrity Number (RIN):	10 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	2,131 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN:10

Fragment table for sample 1 : 18

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,492	1,958	193.7	28.9
28S	2,967	4,071	355.8	53.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...xpert\data\2018-06-13\2018-06-13_003_HiSeq1398_RNAQC_18.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/15/2018 2:02:32 PM

Gel Image

