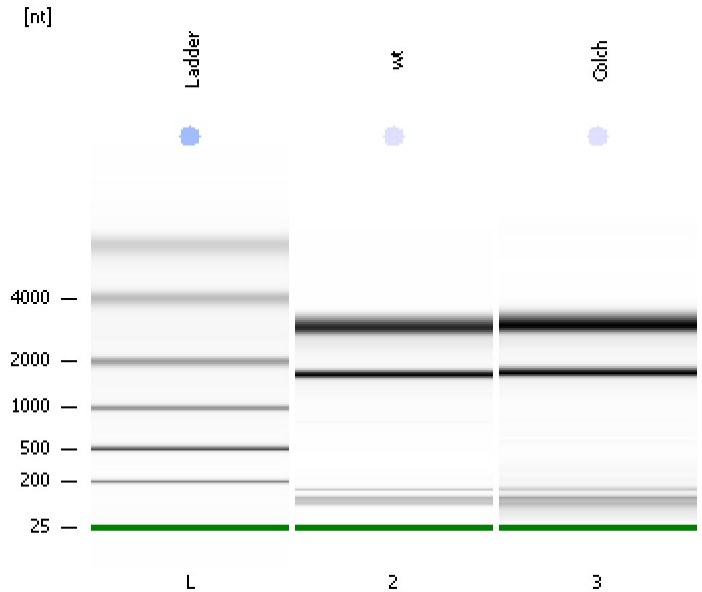


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/14/2018 12:48:44 PM

Electrophoresis File Run Summary



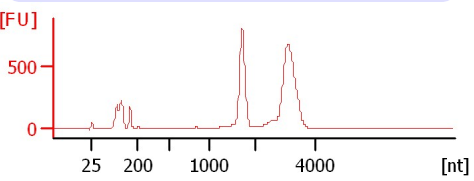
Instrument Information:
 Instrument Name: DE34903152 Firmware: C.01.069
 Serial#: DE34903152 Type: G2938C

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)

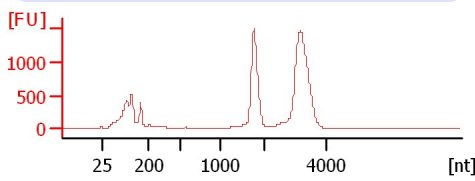
Chip Information:
 Chip Lot #: Reagent Kit Lot #: Chip Comments:

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wt
Siranoosh
RIN:10



Colch
Siranoosh
RIN: 9.80



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
 Modified: 6/14/2018 12:48:44 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
wt	Siranoosh	✓	RIN:10	
Colch	Siranoosh	✓	RIN: 9.80	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/14/2018 12:48:44 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

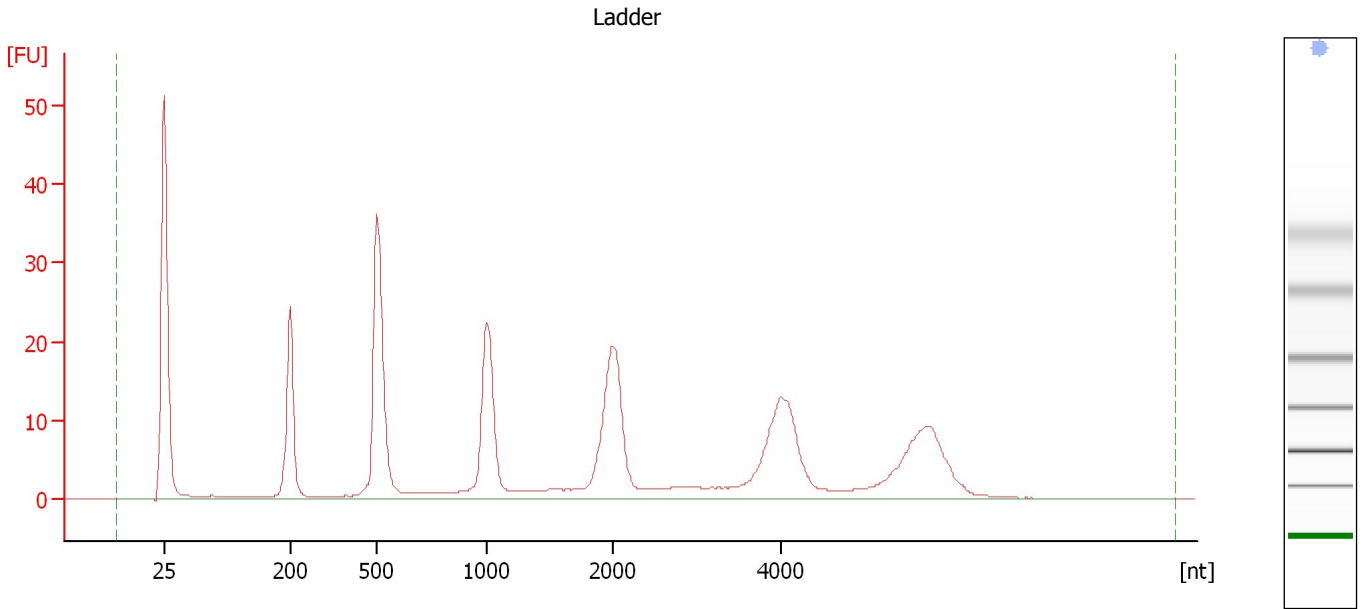
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/14/2018 12:48:44 PM

Electropherogram Summary



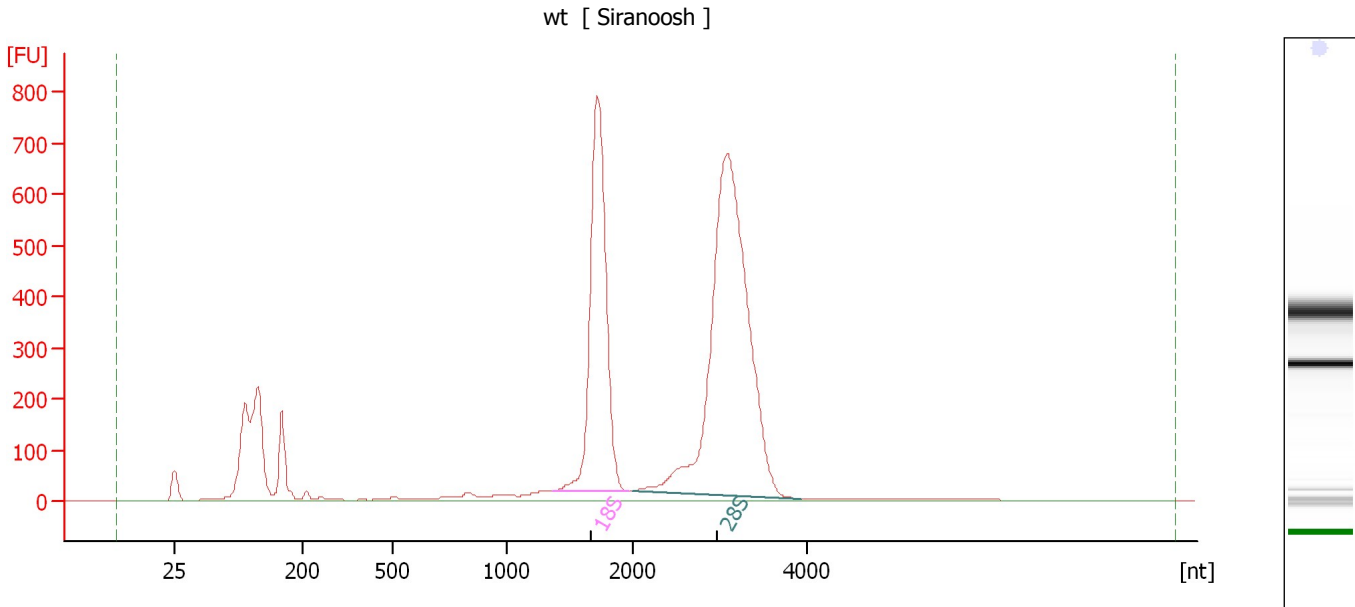
Overall Results for Ladder

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:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
 Modified: 6/14/2018 12:48:44 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : wt

RNA Area:	6,152.3	RNA Integrity Number (RIN):	10 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	19,532 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN:10

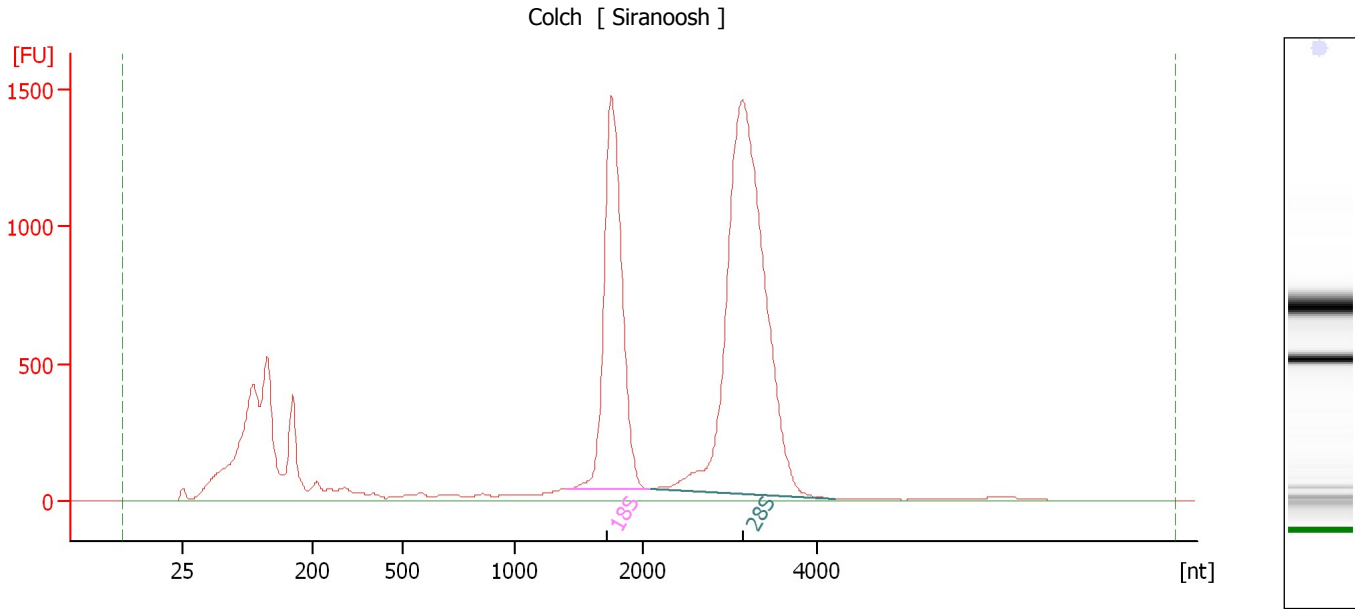
Fragment table for sample 2 : wt

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,367	1,960	1,559.4	25.3
28S	1,994	3,934	2,766.7	45.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
 Modified: 6/14/2018 12:48:44 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Colch

RNA Area:	15,341.8	RNA Integrity Number (RIN):	9.8 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	48,707 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.80

Fragment table for sample 3 : Colch

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,397	2,066	3,257.1	21.2
28S	2,091	4,229	6,068.4	39.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13_003_Teefy_Smoreseq.xad

Created: 6/13/2018 3:10:31 PM
Modified: 6/14/2018 12:48:44 PM

Gel Image

