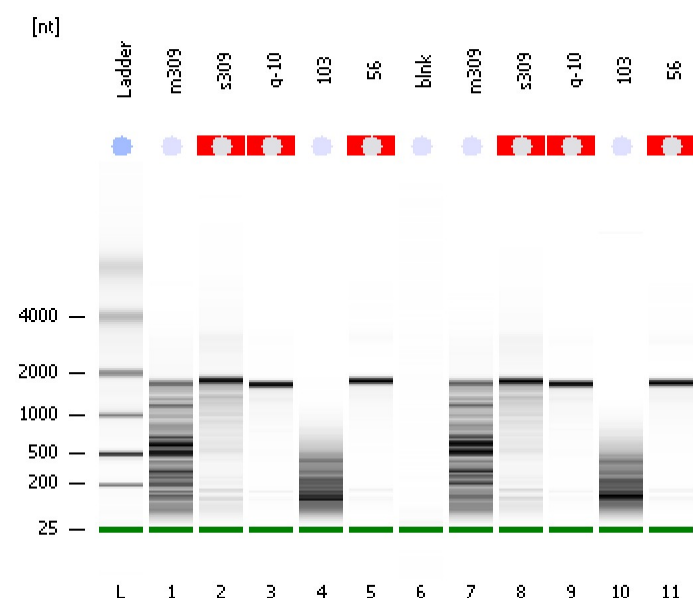


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-09-13_14-38-49.xad

Created: 9/13/2016 2:38:49 PM
Modified: 9/13/2016 3:01:51 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72902486
Serial#: DE72902486

Firmware: C.01.069
Type: G2939A

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)

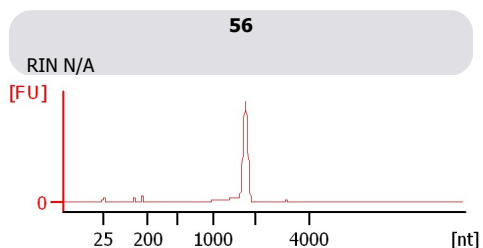
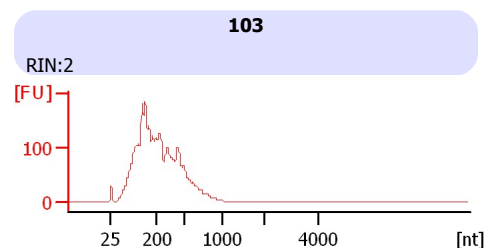
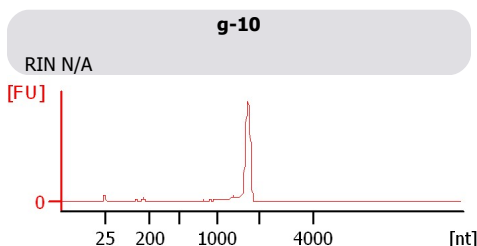
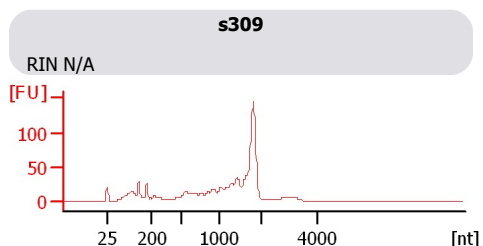
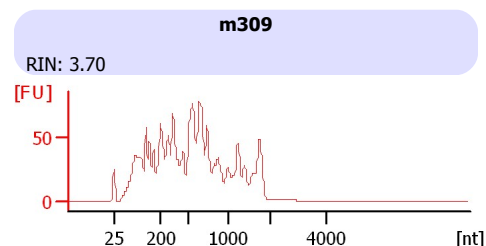
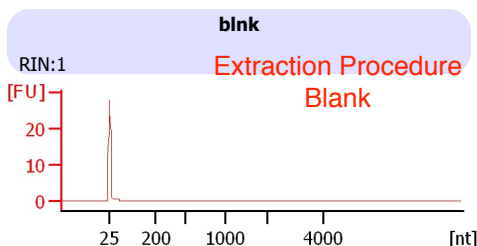
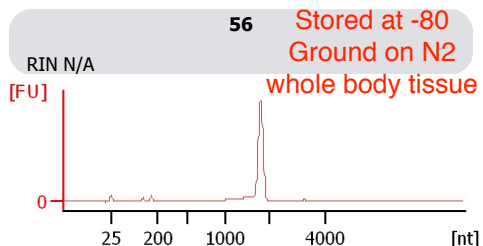
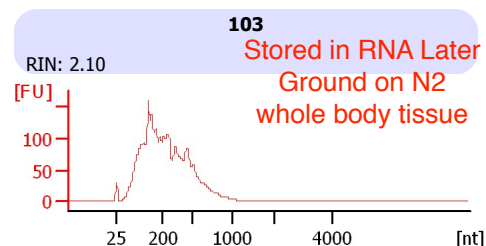
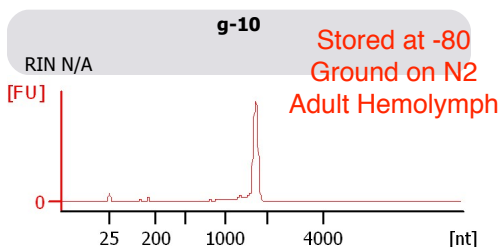
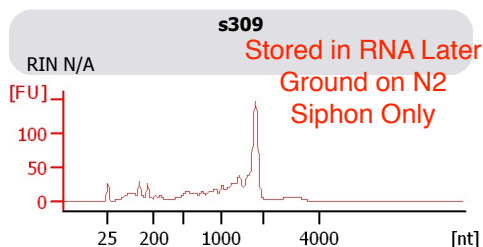
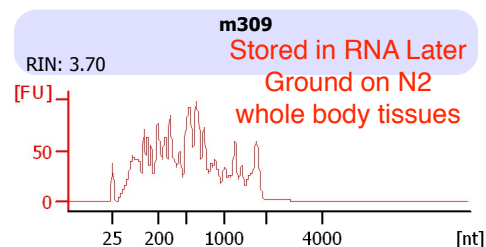
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-09-13_14-38-49.xad

Created: 9/13/2016 2:38:49 PM
Modified: 9/13/2016 3:01:51 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat Result Label	Result Color
		us	
m309		✓ RIN: 3.70	
s309		✓ RIN N/A	
g-10		✓ RIN N/A	
103		✓ RIN: 2.10	
56		✓ RIN N/A	
blnk		✓ RIN:1	
m309		✓ RIN: 3.70	
s309		✓ RIN N/A	
g-10		✓ RIN N/A	
103		✓ RIN:2	
56		✓ RIN N/A	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-09-13_14-38-49.xad

Created: 9/13/2016 2:38:49 PM
Modified: 9/13/2016 3:01:51 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

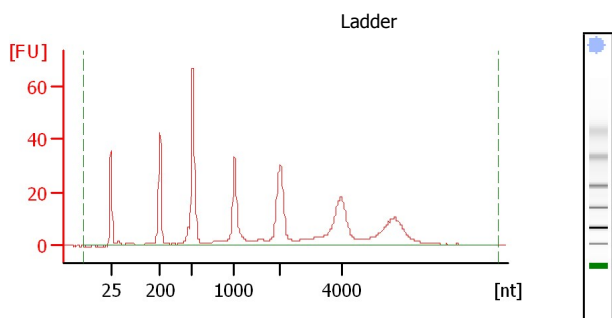
Ladder

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

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-09-13_14-38-49.xad

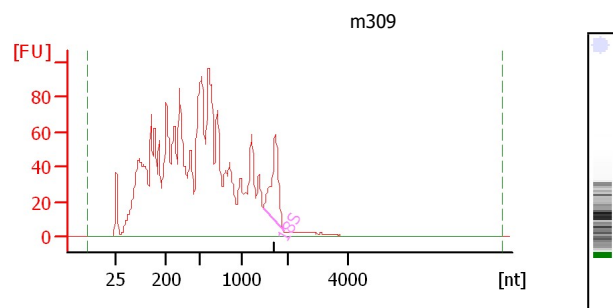
Created: 9/13/2016 2:38:49 PM
 Modified: 9/13/2016 3:01:51 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 494.8
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

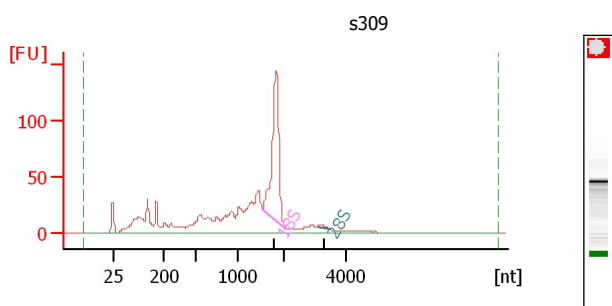


Overall Results for sample 1 : m309

RNA Area: 2,491.8
 RNA Concentration: 5,036 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 3.7 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.70

Fragment table for sample 1 : m309

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,476	1,931	116.7	4.7

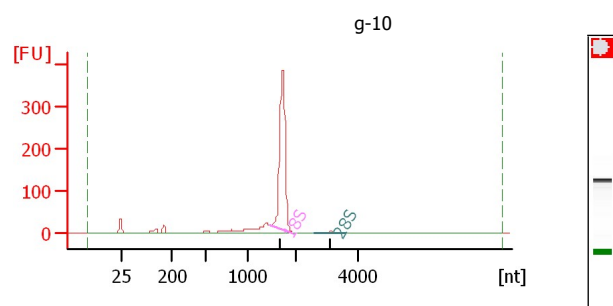


Overall Results for sample 2 : s309

RNA Area: 1,140.1
 RNA Concentration: 2,304 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 2 : s309

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,533	2,048	285.0	25.0
28S	3,085	3,481	3.7	0.3



Overall Results for sample 3 : g-10

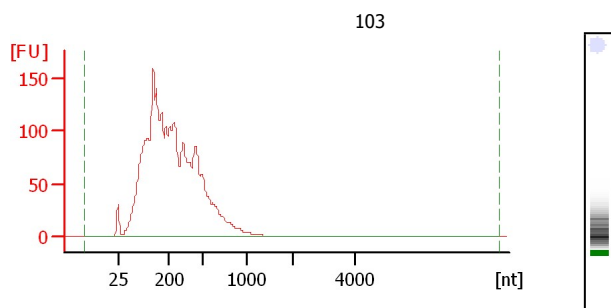
RNA Area: 1,098.6
 RNA Concentration: 2,220 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 3 : g-10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,444	1,924	695.1	63.3
28S	2,583	3,640	8.8	0.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...\Eukaryote Total RNA Pico_DE72902486_2016-09-13_14-38-49.xad

Created: 9/13/2016 2:38:49 PM
Modified: 9/13/2016 3:01:51 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : 103**

RNA Area: 2,855.0
RNA Concentration: 5,770 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 2.1 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-09-13_14-38-49.xad

Created: 9/13/2016 2:38:49 PM
Modified: 9/13/2016 3:01:51 PM

Gel Image