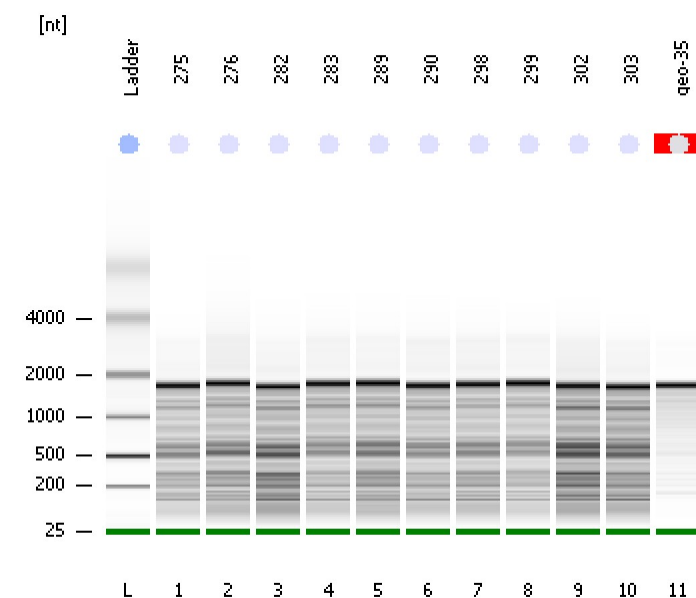


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-29_11-19-26.xad

Created: 8/29/2016 11:19:26 AM
Modified: 8/29/2016 11:42:29 AM

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)

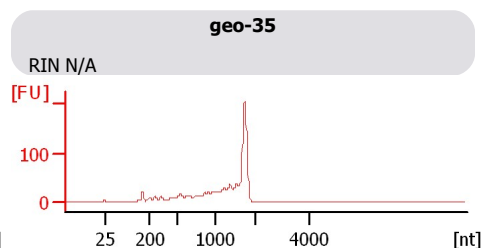
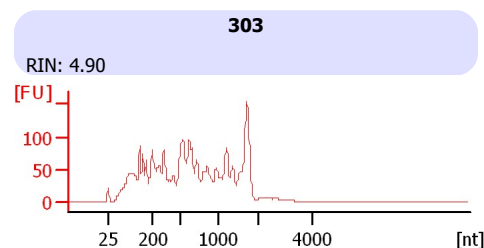
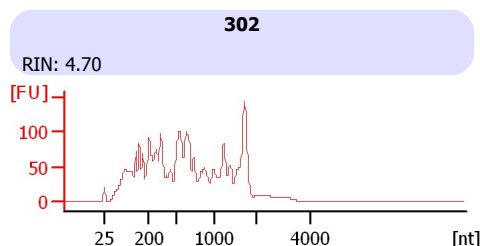
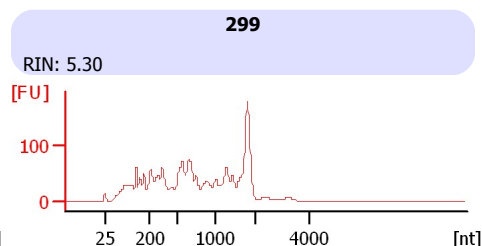
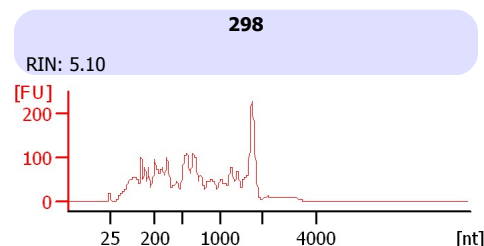
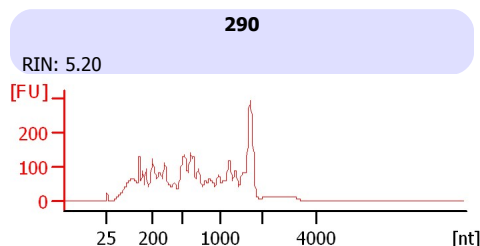
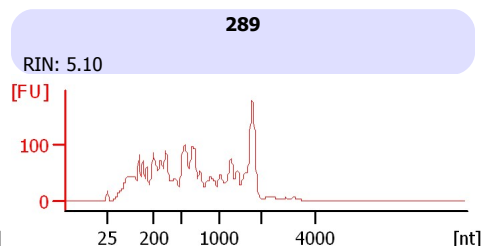
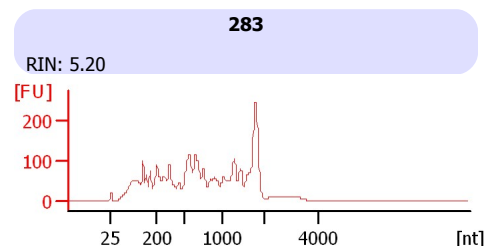
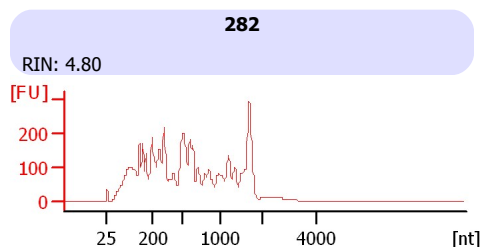
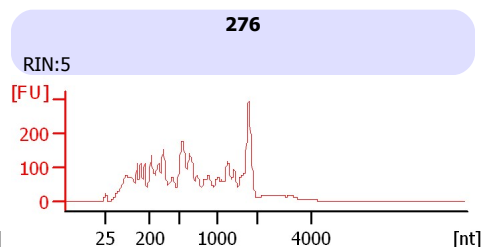
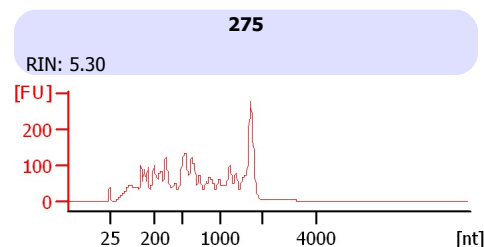
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-29_11-19-26.xad

Created: 8/29/2016 11:19:26 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat Result Label	Result Color
		us	
275		✓ RIN: 5.30	
276		✓ RIN:5	
282		✓ RIN: 4.80	
283		✓ RIN: 5.20	
289		✓ RIN: 5.10	
290		✓ RIN: 5.20	
298		✓ RIN: 5.10	
299		✓ RIN: 5.30	
302		✓ RIN: 4.70	
303		✓ RIN: 4.90	
geo-35		✓ RIN N/A	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-29_11-19-26.xad

Created: 8/29/2016 11:19:26 AM
Modified: 8/29/2016 11:42:29 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

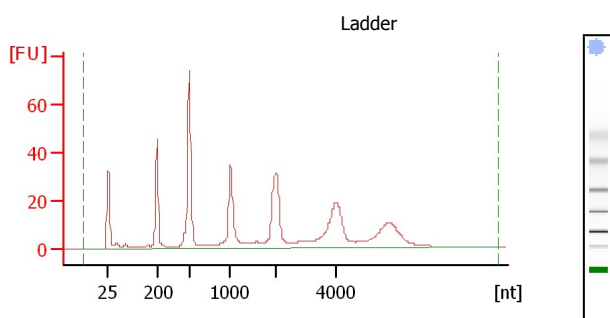
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-29_11-19-26.xad

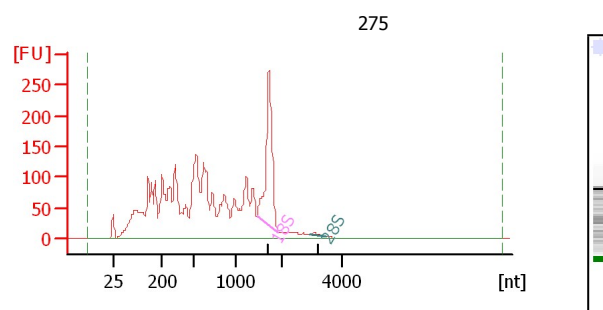
Created: 8/29/2016 11:19:26 AM
Modified: 8/29/2016 11:42:29 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 525.8
RNA Concentration: 1,000 pg/μl
Result Flagging Color:
Result Flagging Label: All Other Samples

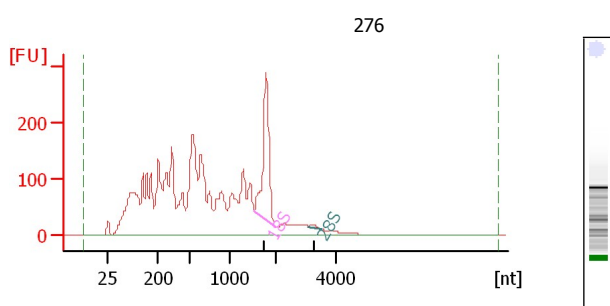


Overall Results for sample 1 : 275

RNA Area: 3,973.7
RNA Concentration: 7,557 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5.3 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5.30

Fragment table for sample 1 : 275

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,458	1,928	511.3	12.9
28S	2,956	3,461	5.2	0.1

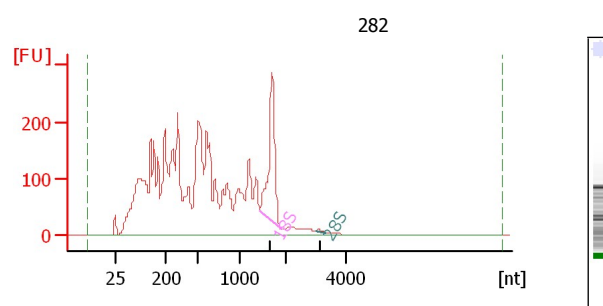


Overall Results for sample 2 : 276

RNA Area: 5,124.0
RNA Concentration: 9,745 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 5 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 5

Fragment table for sample 2 : 276

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,518	1,981	516.9	10.1
28S	3,098	3,535	6.8	0.1



Overall Results for sample 3 : 282

RNA Area: 5,894.3
RNA Concentration: 11,210 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 4.8 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 4.80

Fragment table for sample 3 : 282

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,441	1,897	515.1	8.7
28S	2,981	3,300	3.3	0.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-29_11-19-26.xad

Created: 8/29/2016 11:19:26 AM
Modified: 8/29/2016 11:42:29 AM

Gel Image