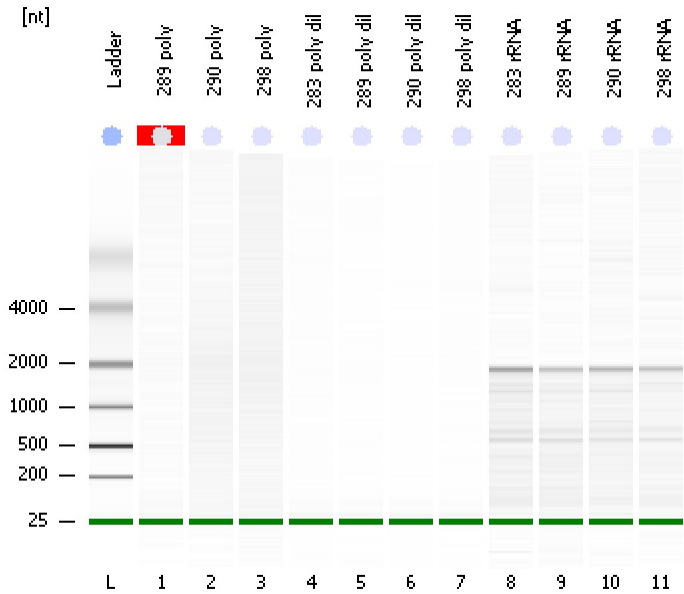


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_15-09-31.xad

Created: 8/30/2016 3:09:31 PM
 Modified: 8/30/2016 3:32:28 PM

Electrophoresis File Run Summary



Instrument Information:

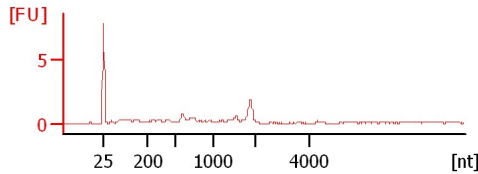
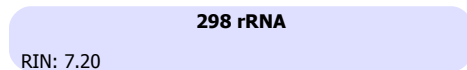
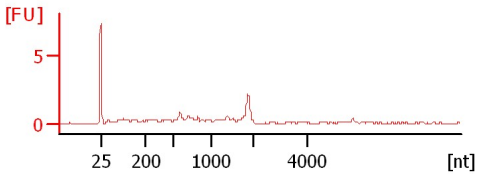
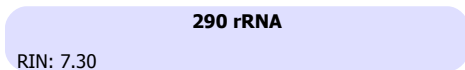
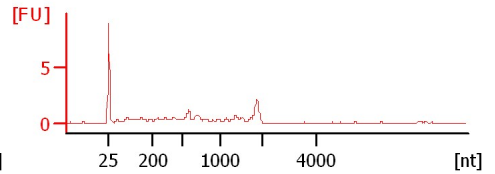
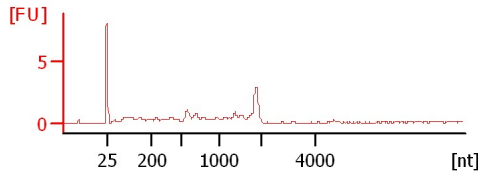
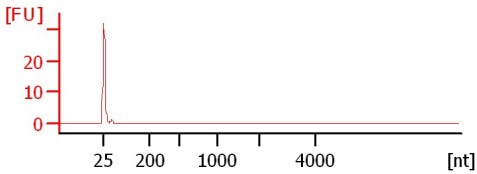
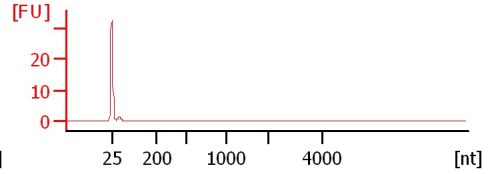
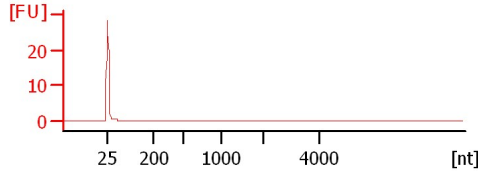
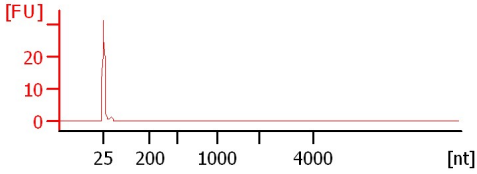
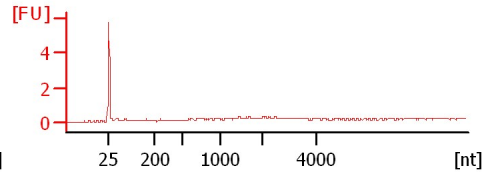
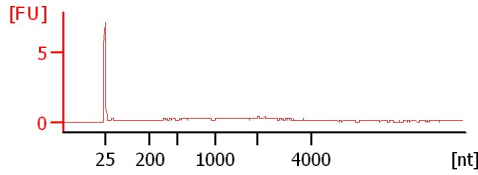
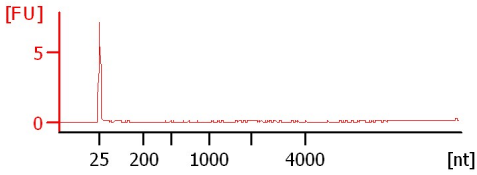
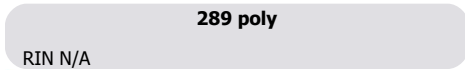
Instrument Name: DE72902486 Firmware: C.01.069
 Serial#: DE72902486 Type: G2939A

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_2016-08-30_15-09-31.xad

Created: 8/30/2016 3:09:31 PM
 Modified: 8/30/2016 3:32:28 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat	Result Label	Result Color
289 poly		✓	RIN N/A	
290 poly		✓	RIN:1	
298 poly		✓	RIN:1	
283 poly dil		✓	RIN:1	
289 poly dil		✓	RIN:1	
290 poly dil		✓	RIN:1	
298 poly dil		✓	RIN:1	
283 rRNA		✓	RIN:7	
289 rRNA		✓	RIN: 6.90	
290 rRNA		✓	RIN: 7.30	
298 rRNA		✓	RIN: 7.20	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_15-09-31.xad

Created: 8/30/2016 3:09:31 PM
Modified: 8/30/2016 3:32:28 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

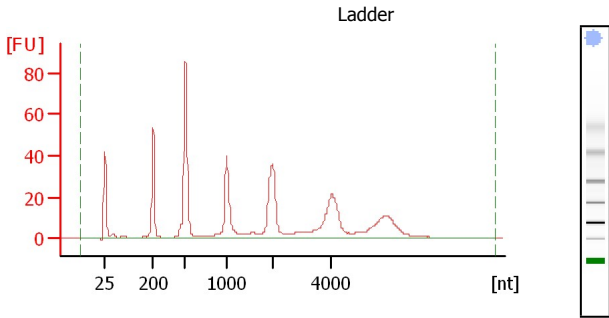
Ladder

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_2016-08-30_15-09-31.xad

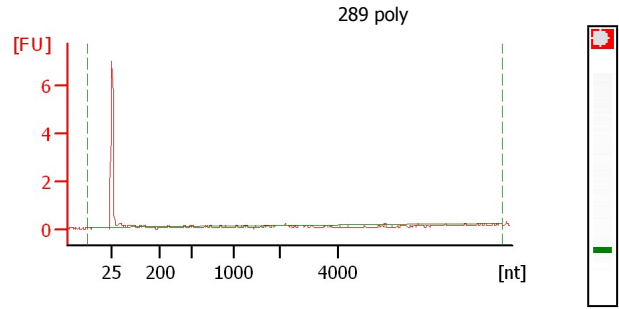
Created: 8/30/2016 3:09:31 PM
 Modified: 8/30/2016 3:32:28 PM

Electropherogram Summary



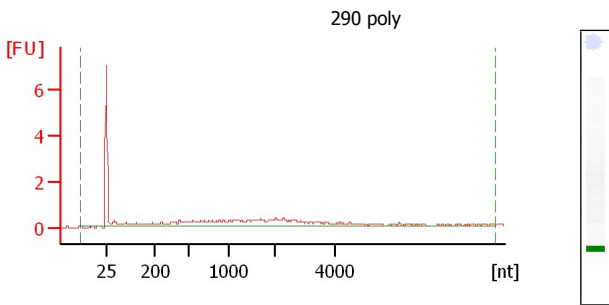
Overall Results for Ladder

RNA Area: 591.5
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples



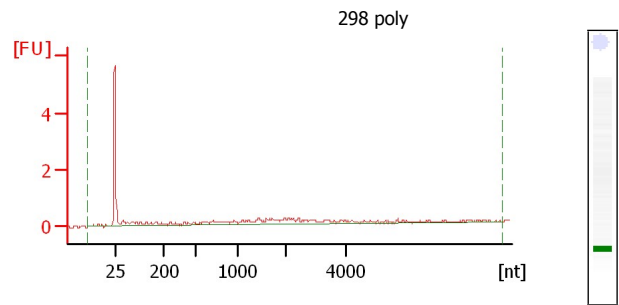
Overall Results for sample 1 : 289 poly

RNA Area: 1.6
 RNA Concentration: 3 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



Overall Results for sample 2 : 290 poly

RNA Area: 15.4
 RNA Concentration: 26 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN:1



Overall Results for sample 3 : 298 poly

RNA Area: 10.8
 RNA Concentration: 18 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_15-09-31.xad

Created: 8/30/2016 3:09:31 PM
Modified: 8/30/2016 3:32:28 PM

Gel Image

