

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

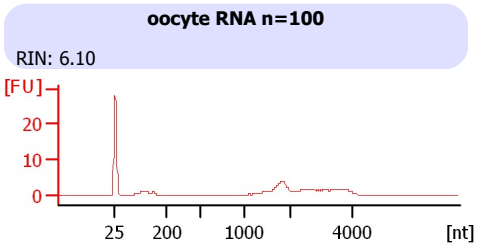
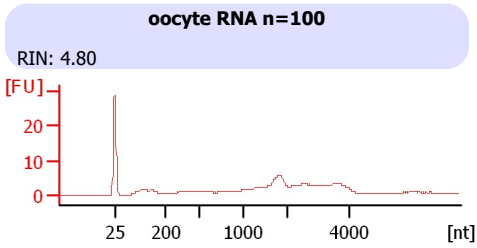
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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

© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

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



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
oocyte RNA n=100		✓	RIN: 4.80	
oocyte RNA n=100		✓	RIN: 6.10	
Sample 4				
Sample 5				
Sample 6				
Sample 7				
Sample 8				
Sample 9				
Sample 10				
Sample 11				
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 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

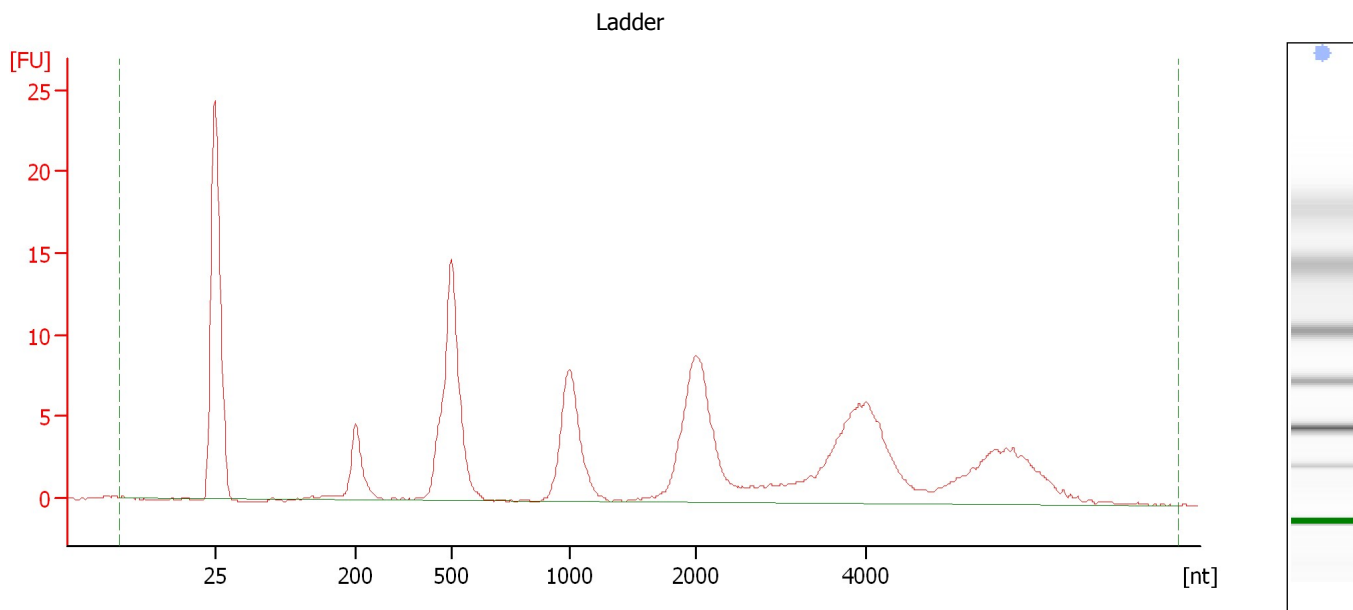
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Electropherogram Summary



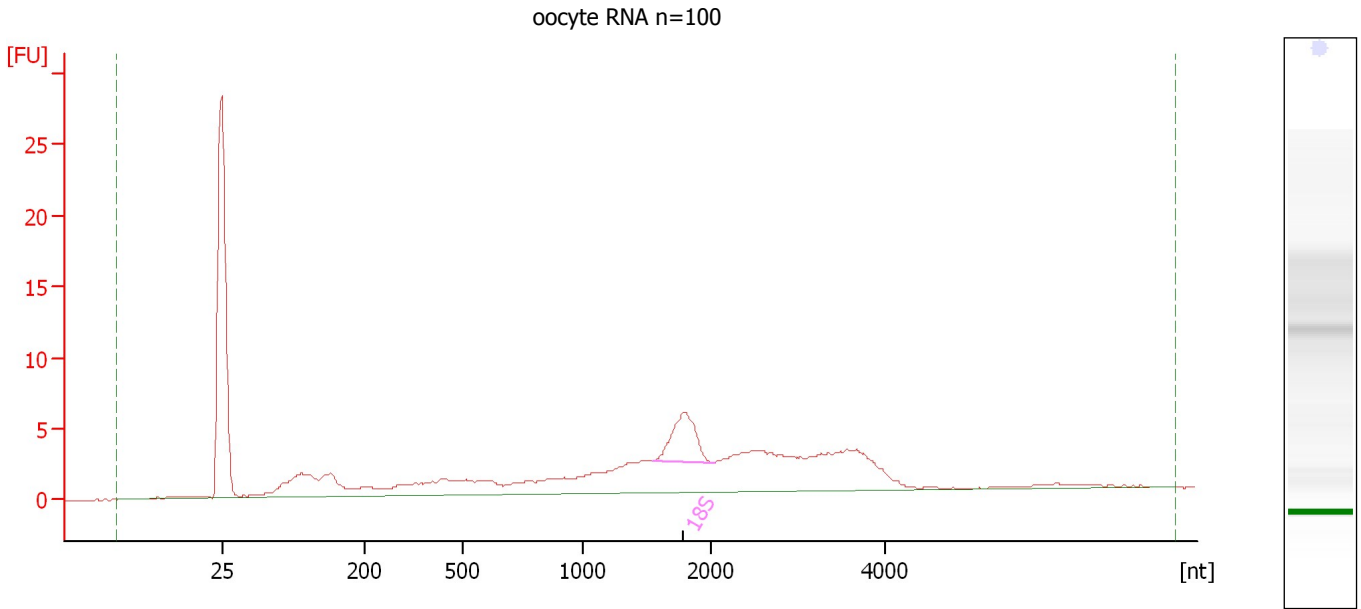
Overall Results for Ladder

RNA Area:	165.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : oocyte RNA n=100

RNA Area: 122.3 RNA Integrity Number (RIN): 4.8 (B.02.08)
RNA Concentration: 740 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 4.80

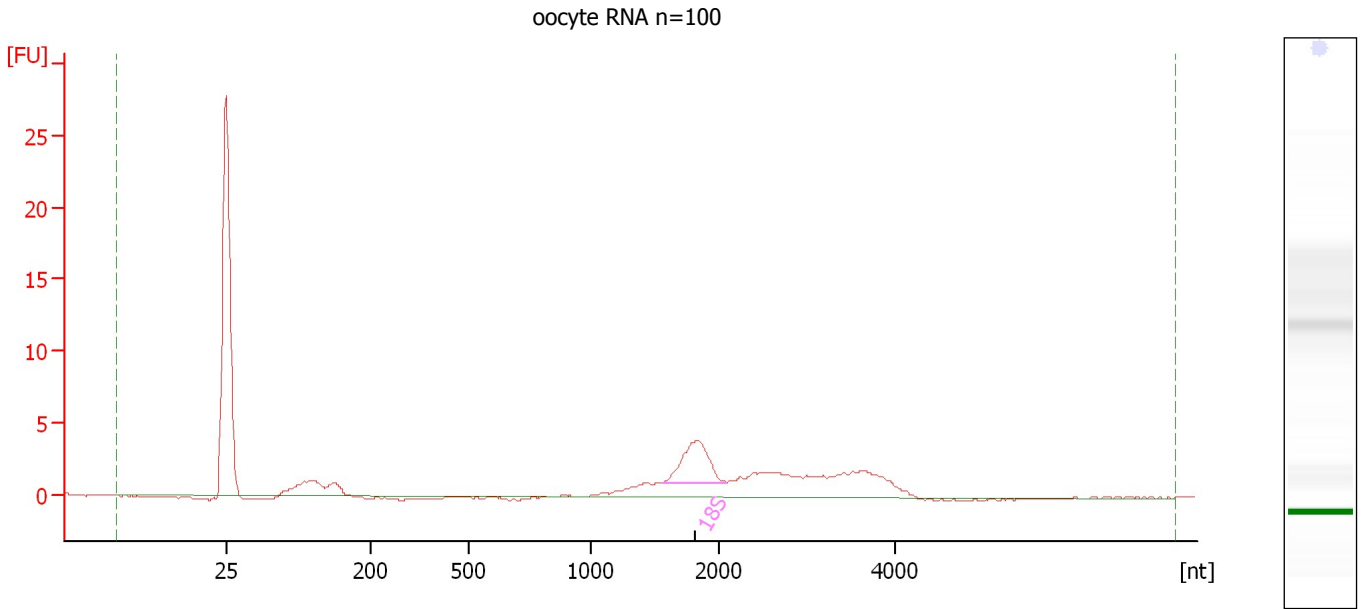
Fragment table for sample 1 : oocyte RNA n=100

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,538	2,031	9.9	8.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : oocyte RNA n=100

RNA Area: 50.0 RNA Integrity Number (RIN): 6.1 (B.02.08)
RNA Concentration: 302 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 6.10

Fragment table for sample 2 : oocyte RNA n=100

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,552	2,082	8.8	17.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Gel Image

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
Modified: 2/28/2017 3:59:52 PM

Invalid Samples

Sample 3 has not been run, no results available.

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad

Created: 2/28/2017 3:49:51 PM
 Modified: 2/28/2017 3:59:52 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 3)		Instrument	Run		2/28/2017 3:59:52 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2017-02-28\2017-02-28_010.xad)		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		2/28/2017 3:49:56 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1