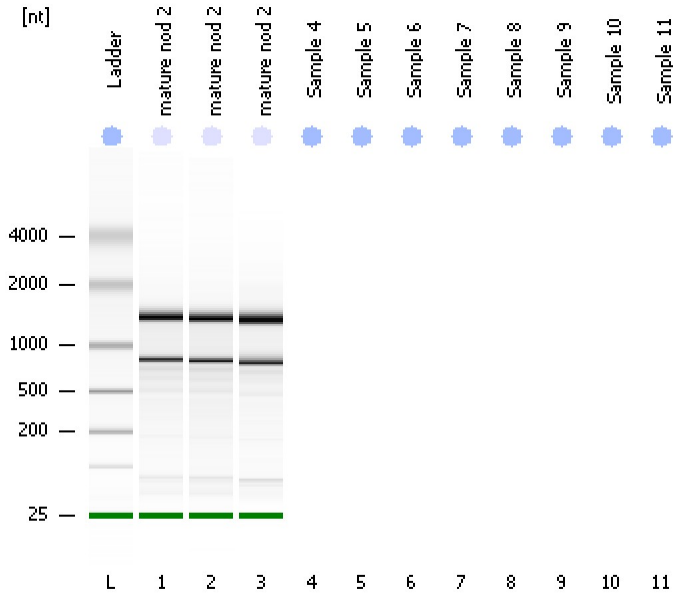


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 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)

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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
mature nod 2		✓	RIN: 8.30	
mature nod 2		✓	RIN: 8.10	
mature nod 2		✓	RIN: 8.70	
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\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 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/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 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

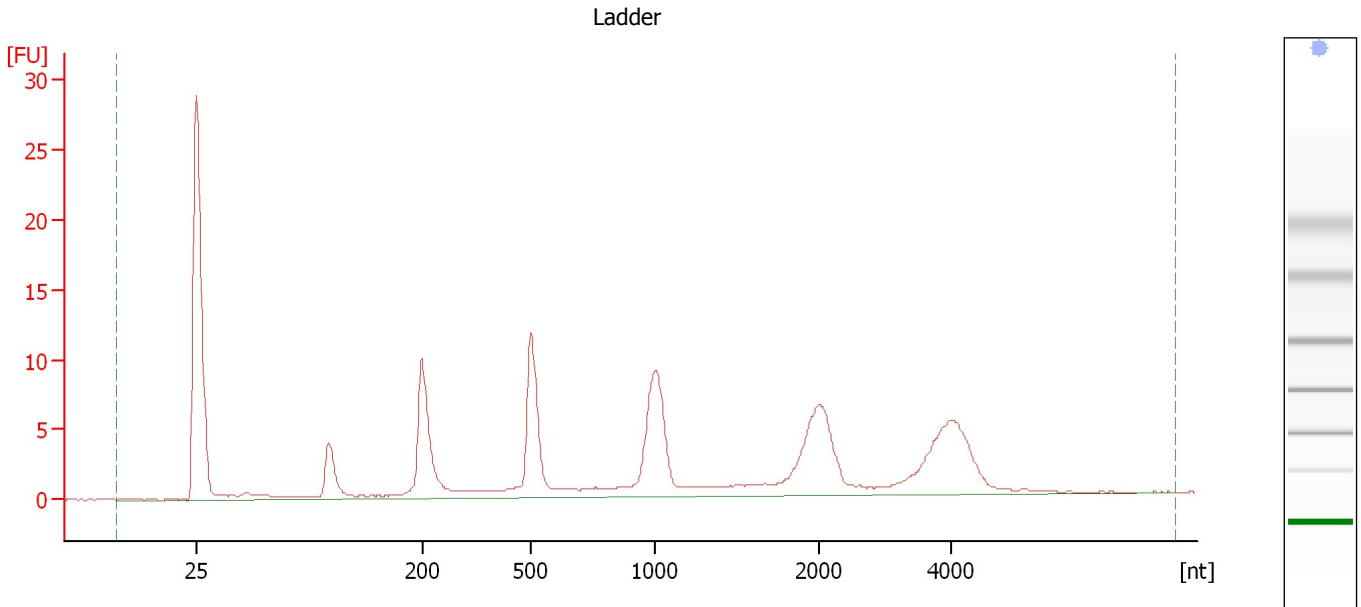
Ladder

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\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Electropherogram Summary



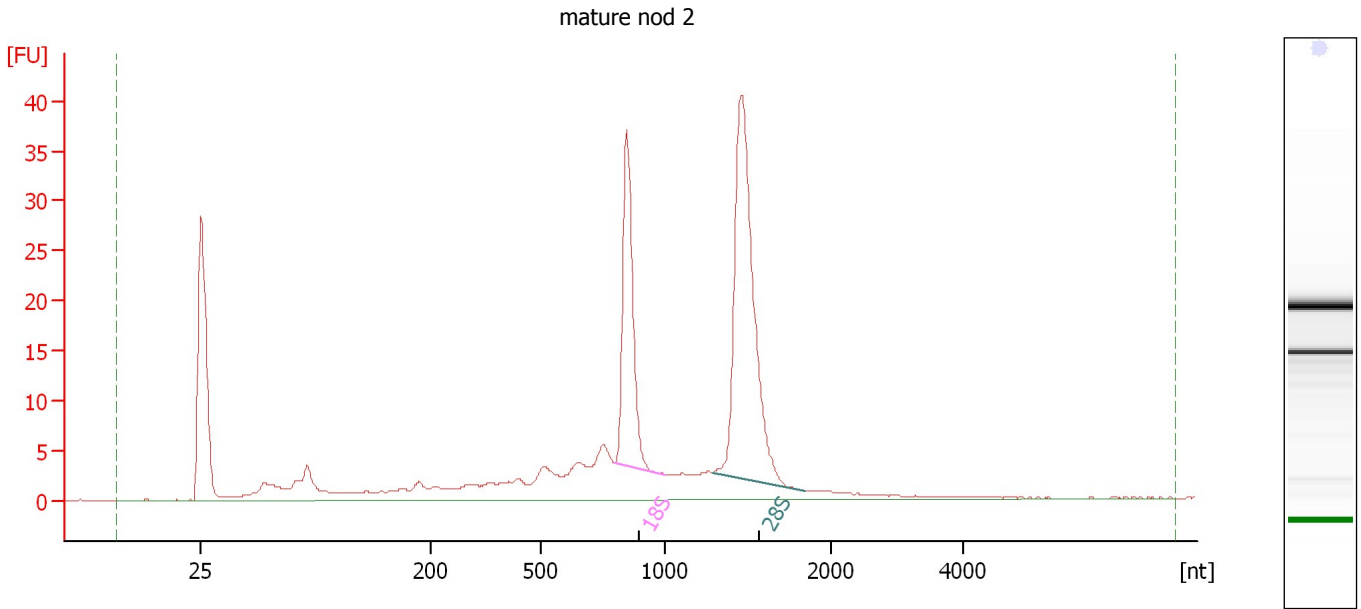
Overall Results for Ladder

RNA Area:	130.5	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\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : mature nod 2

RNA Area: 256.1 RNA Integrity Number (RIN): 8.3 (B.02.08)
RNA Concentration: 1,962 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN: 8.30

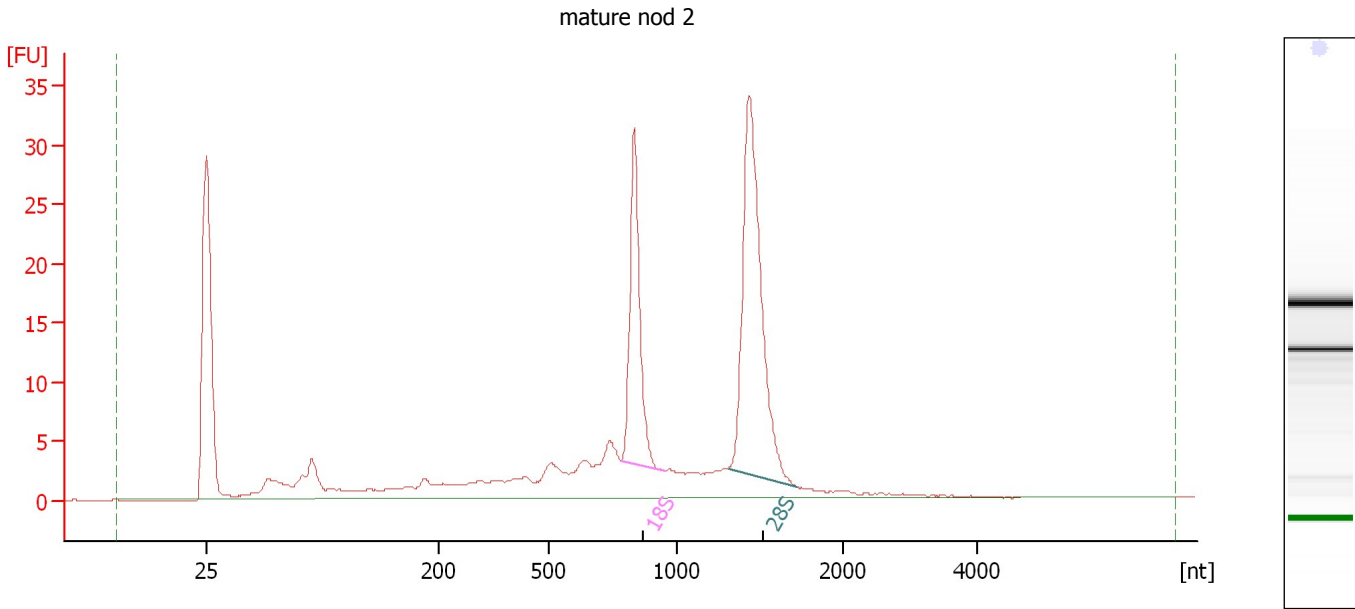
Fragment table for sample 1 : mature nod 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	796	993	40.6	15.9
28S	1,280	1,842	79.2	30.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : mature nod 2

RNA Area: 217.8 RNA Integrity Number (RIN): 8.1 (B.02.08)
RNA Concentration: 1,668 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN: 8.10

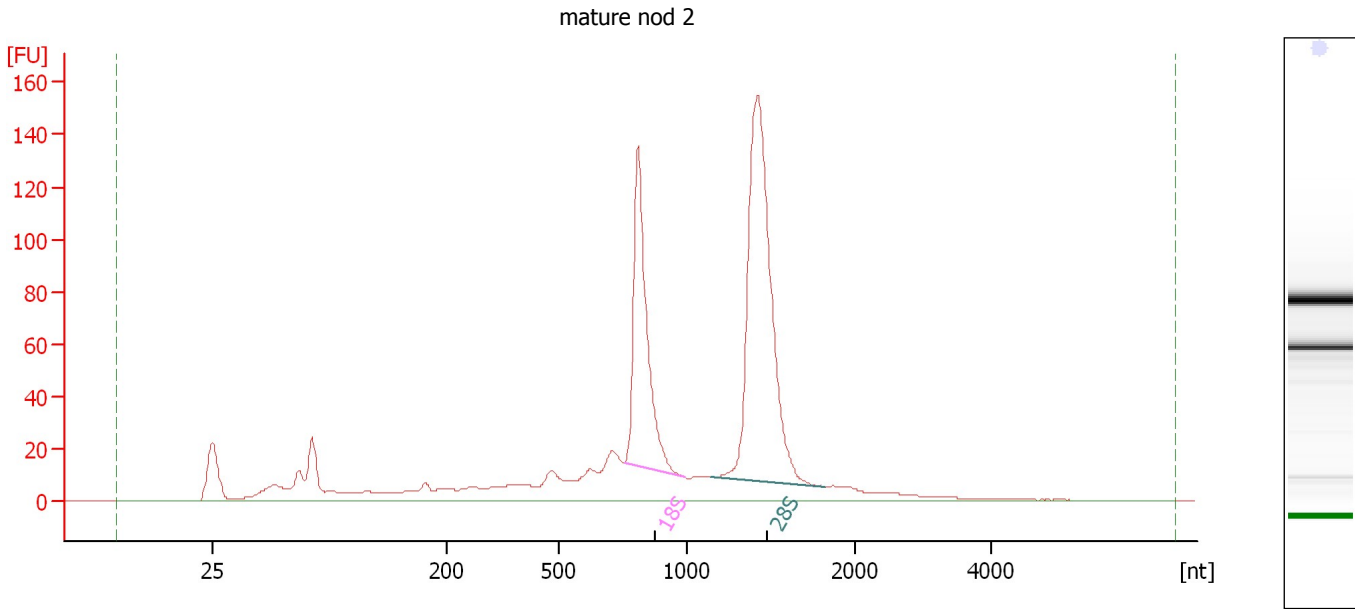
Fragment table for sample 2 : mature nod 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	779	952	34.1	15.6
28S	1,311	1,727	64.1	29.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : mature nod 2

RNA Area: 1,113.3 RNA Integrity Number (RIN): 8.7 (B.02.08)
RNA Concentration: 8,529 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN: 8.70

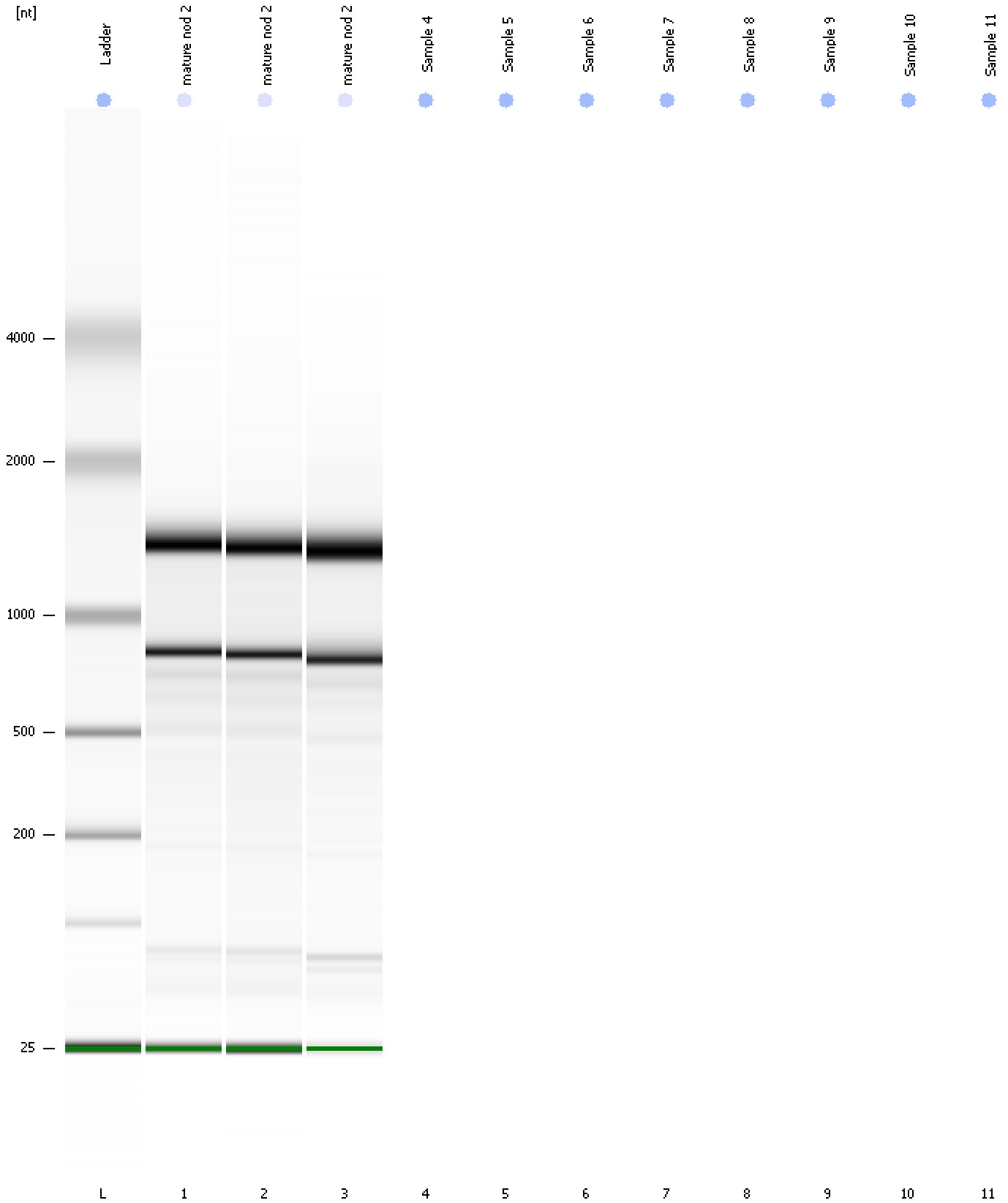
Fragment table for sample 3 : mature nod 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	758	992	197.9	17.8
28S	1,139	1,817	368.5	33.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-27\2017-09-27_003.xad

Created: 9/27/2017 3:42:49 PM
Modified: 9/27/2017 3:54:17 PM

Invalid Samples

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.