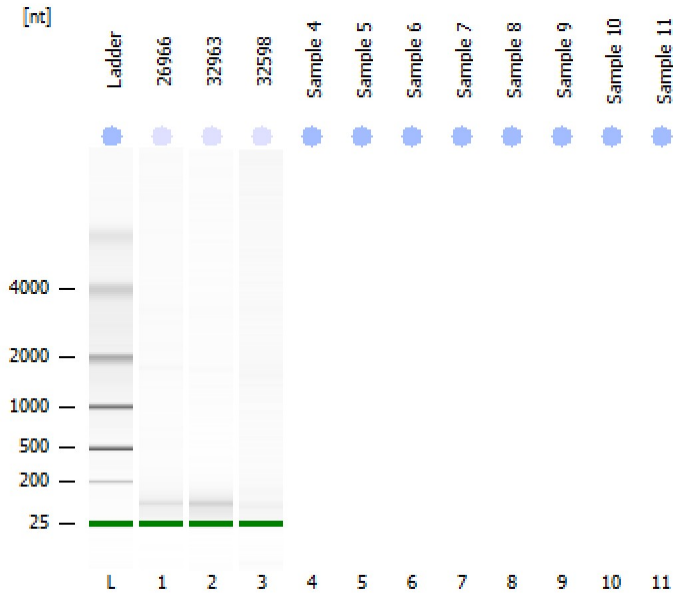


Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
 Modified: 9/16/2020 4:17:58 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
 Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\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: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
 Modified: 9/16/2020 4:17:58 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
26966		✓	RIN: 1.60	
32963		✓	RIN: 1.80	
32598		✓	RIN:1	
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: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
 Modified: 9/16/2020 4:17:58 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

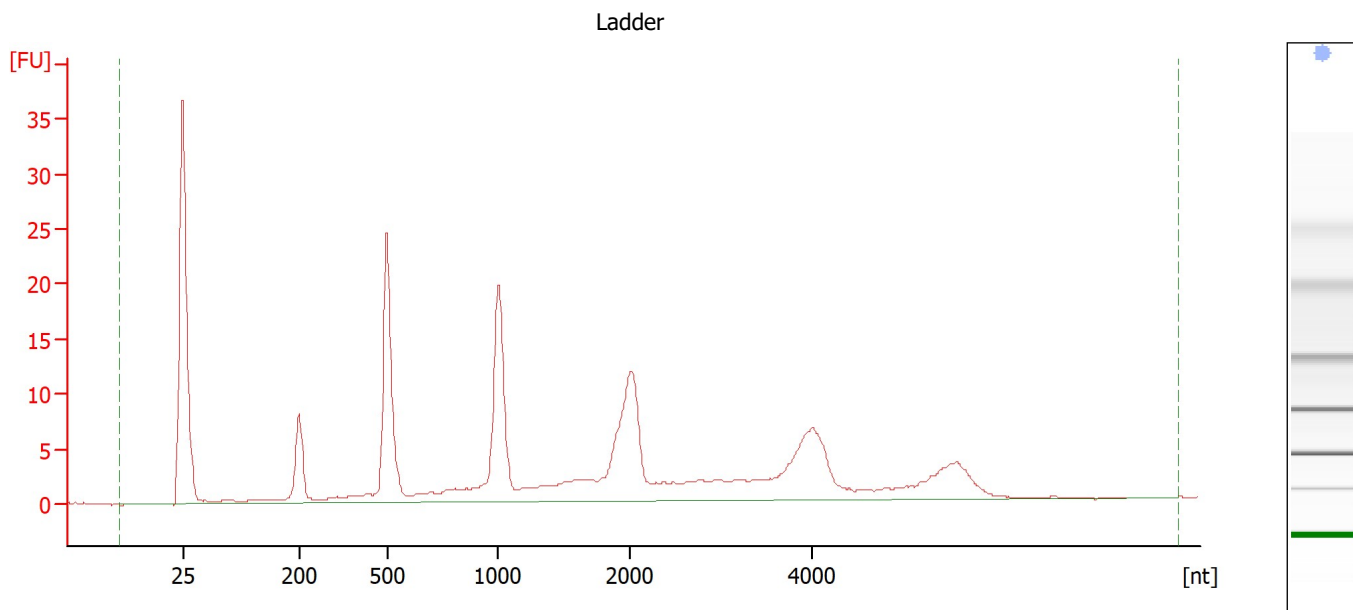
**Ladder**

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

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
Modified: 9/16/2020 4:17:58 PM

**Electropherogram Summary**



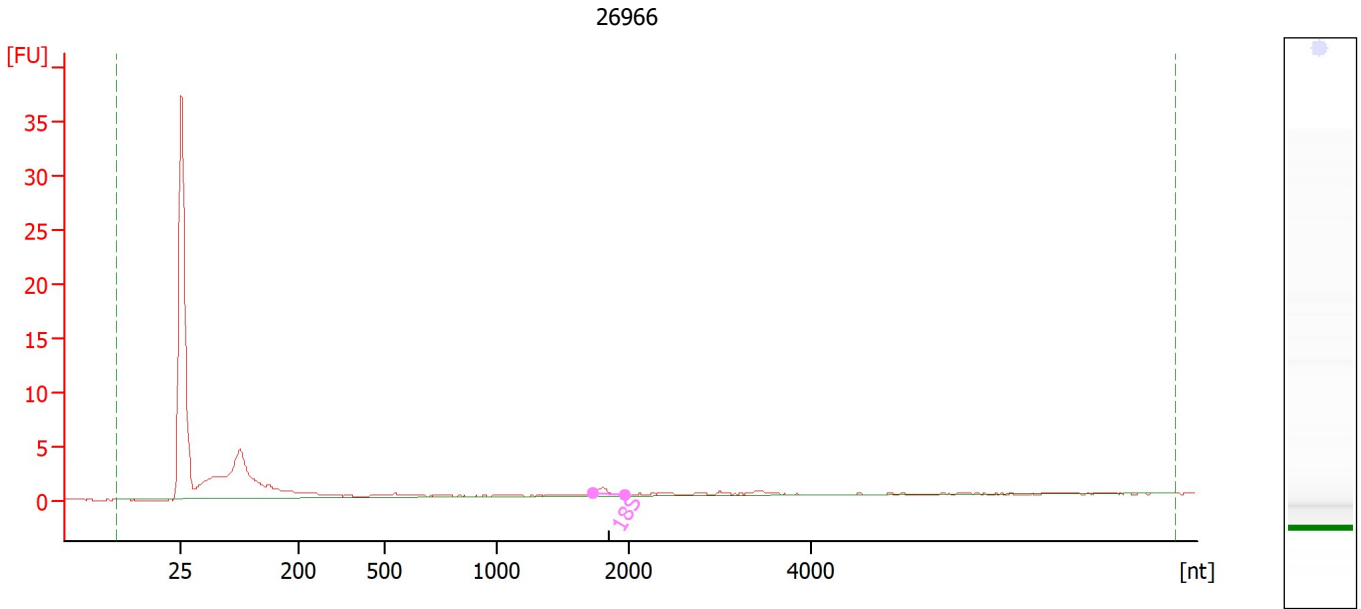
**Overall Results for Ladder**

RNA Area:	212.8	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
 Modified: 9/16/2020 4:17:58 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 26966**

RNA Area:	48.2	RNA Integrity Number (RIN):	1.6 (B.02.10)
RNA Concentration:	227 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.60

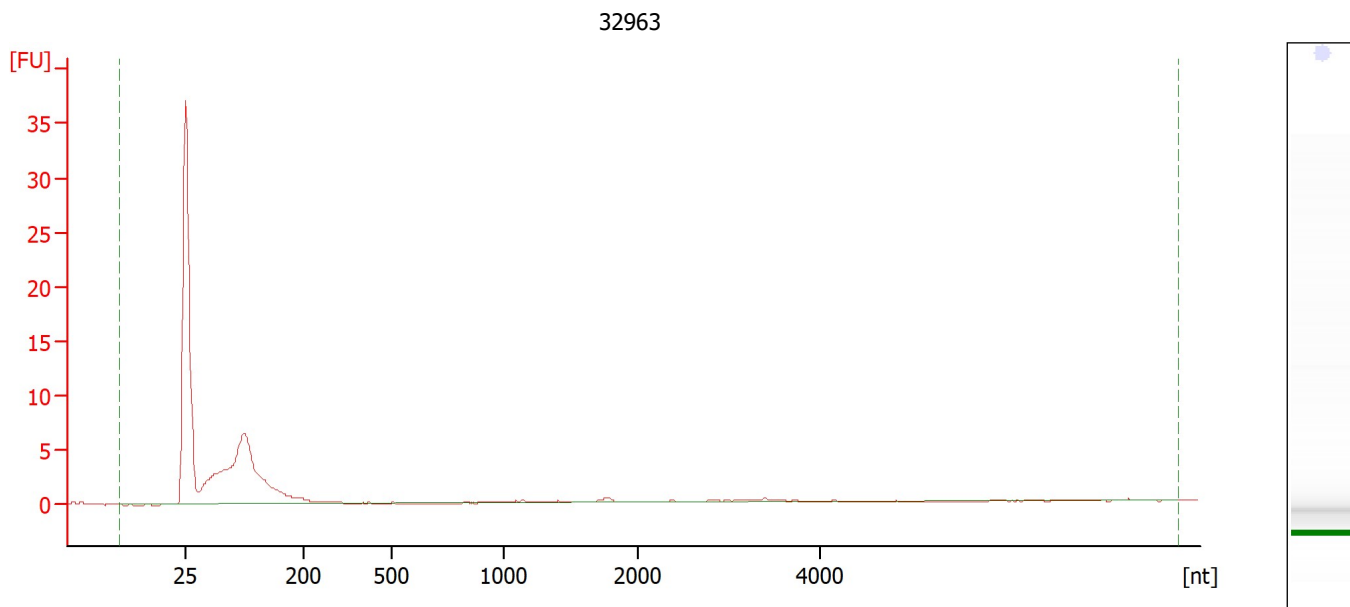
**Fragment table for sample 1 : 26966**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,718	1,960	0.7	1.5

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
Modified: 9/16/2020 4:17:58 PM

**Electropherogram Summary Continued ...**



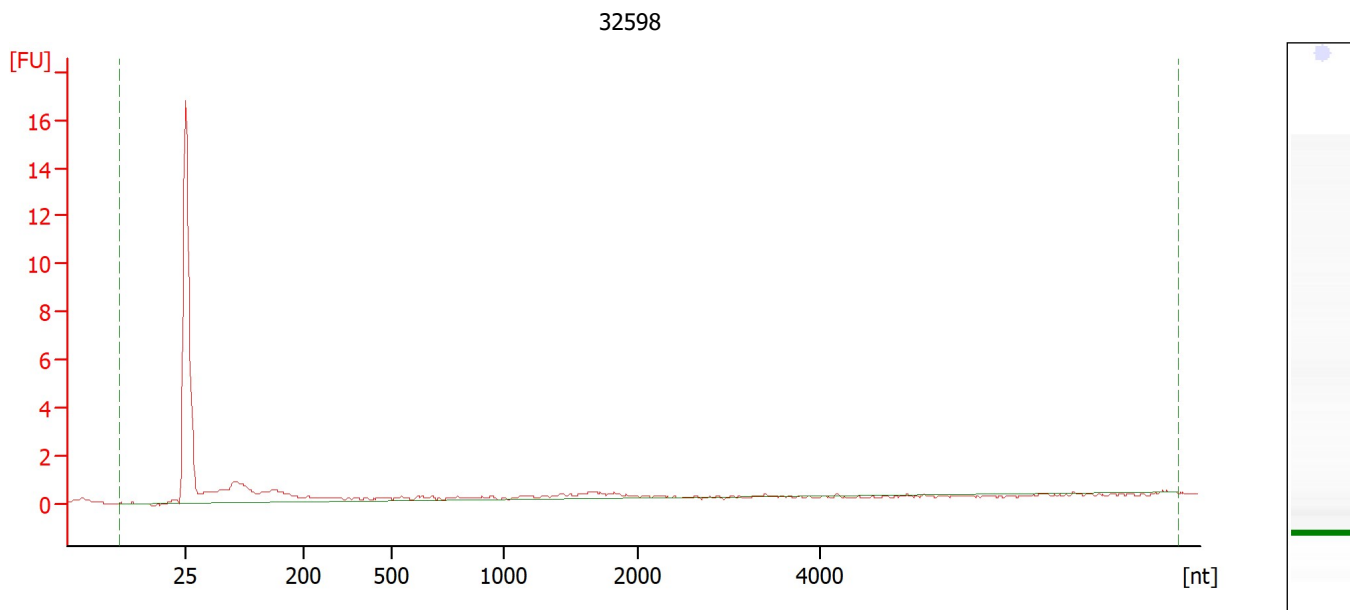
**Overall Results for sample 2 : 32963**

RNA Area:	56.7	RNA Integrity Number (RIN):	1.8 (B.02.10)
RNA Concentration:	266 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.80

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
Modified: 9/16/2020 4:17:58 PM

**Electropherogram Summary Continued ...**



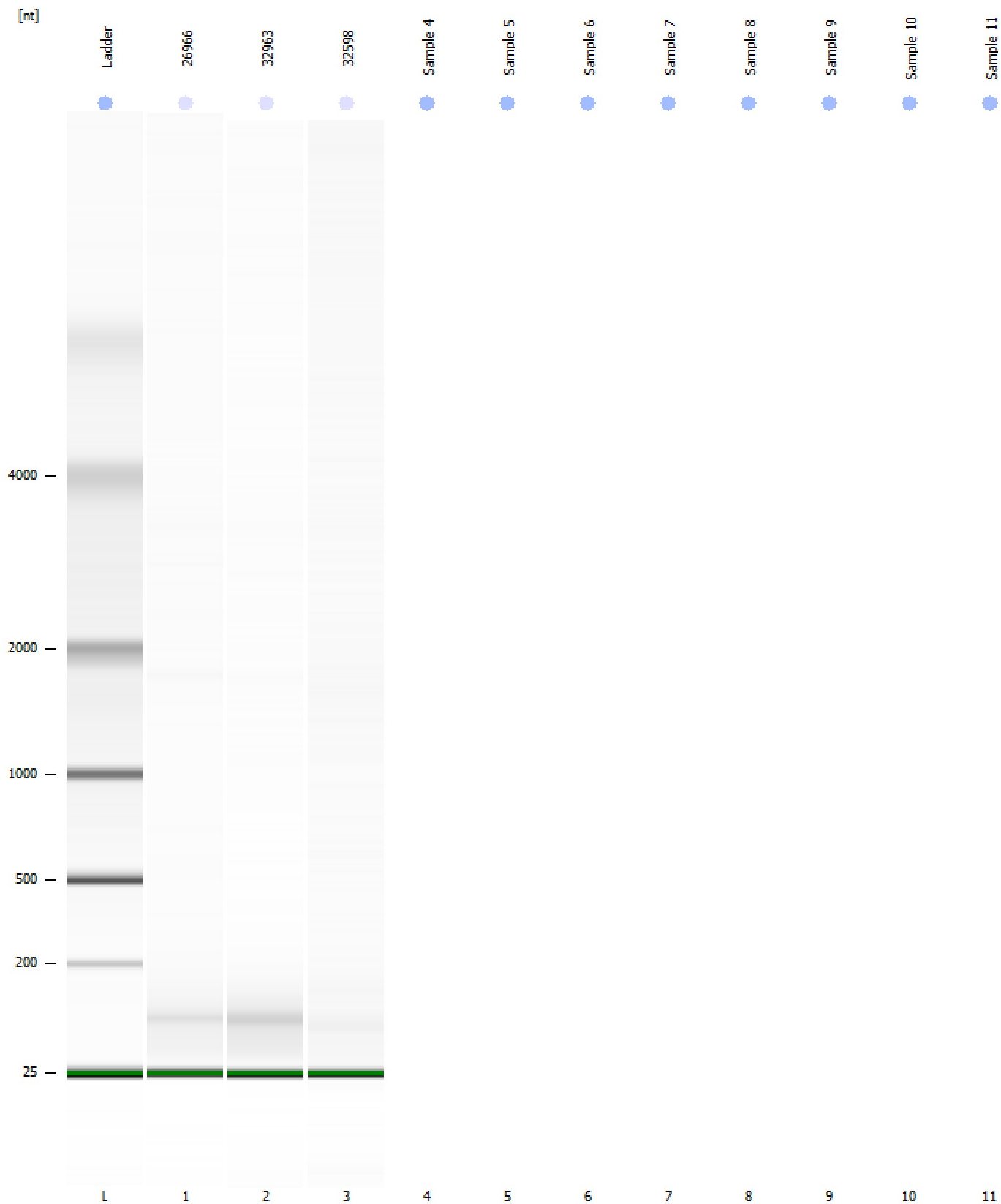
**Overall Results for sample 3 : 32598**

RNA Area:	16.6	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	78 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
Modified: 9/16/2020 4:17:58 PM

**Gel Image**





Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
Modified: 9/16/2020 4:17:58 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.

Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-09-16\_001.xad

Created: 9/16/2020 4:06:28 PM  
 Modified: 9/16/2020 4:17:58 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 4)		Instrument	Run		9/16/2020 4:17:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-09-16\Bioanalyze r1_Eukaryote Total RNA Pico_2020-09-16_001.xad)		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		9/16/2020 4:06:34 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB