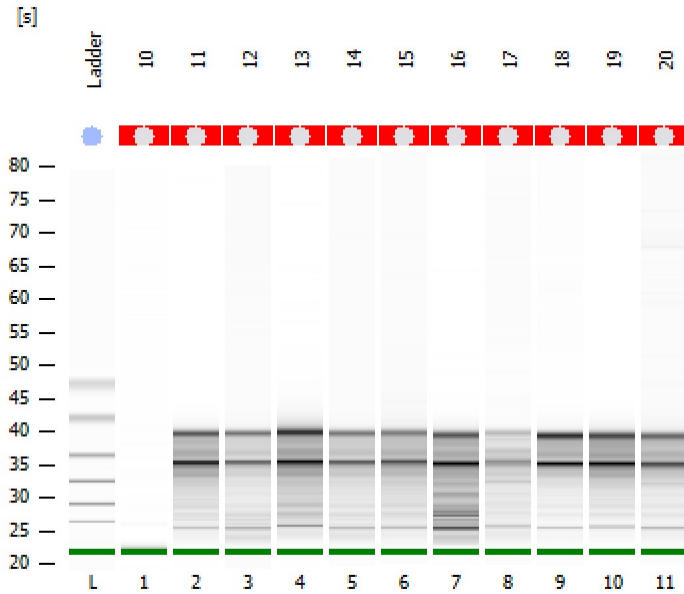


Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electrophoresis File Run Summary**



Instrument Information:

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

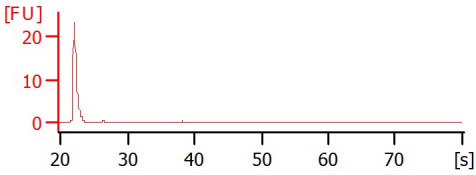
Assay Information:

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)  
© Copyright 2003 - 2009 Agilent Technologies, Inc.

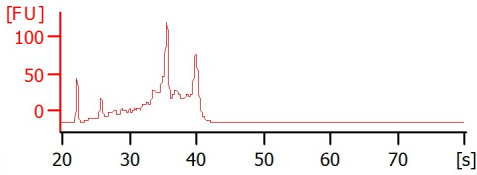
Chip Information:

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

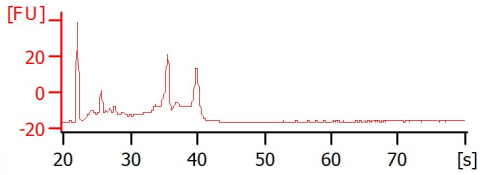
**10**  
QC0609  
RIN N/A



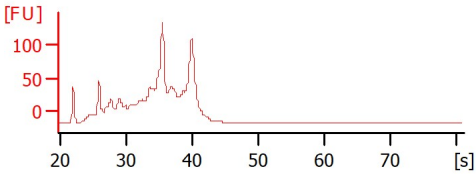
**11**  
QC0609  
RIN N/A



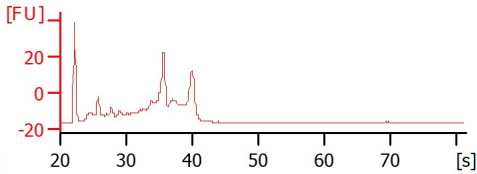
**12**  
QC0609  
RIN N/A



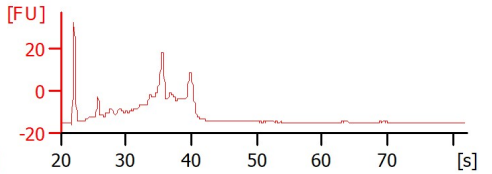
**13**  
QC0609  
RIN N/A



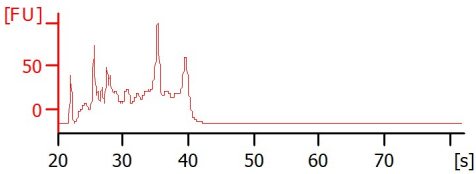
**14**  
QC0609  
RIN N/A



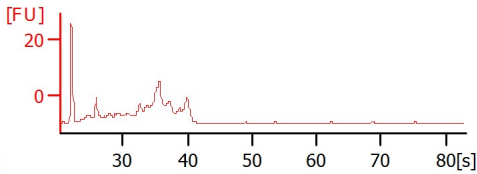
**15**  
QC0609  
RIN N/A



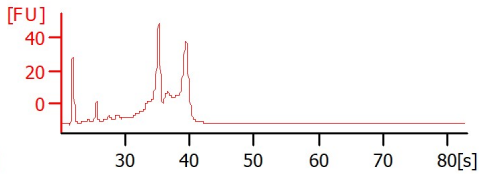
**16**  
QC0609  
RIN N/A



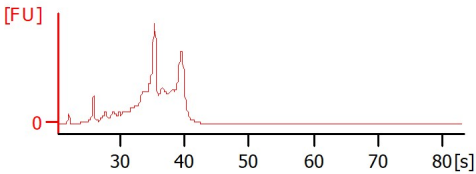
**17**  
QC0609  
RIN N/A



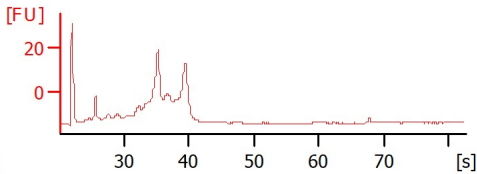
**18**  
QC0609  
RIN N/A



**19**  
QC0609  
RIN N/A



**20**  
QC0609  
RIN N/A



Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
 Modified: 7/16/2020 3:27:51 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
10	QC0609	✓	RIN N/A	
11	QC0609	✓	RIN N/A	
12	QC0609	✓	RIN N/A	
13	QC0609	✓	RIN N/A	
14	QC0609	✓	RIN N/A	
15	QC0609	✓	RIN N/A	
16	QC0609	✓	RIN N/A	
17	QC0609	✓	RIN N/A	
18	QC0609	✓	RIN N/A	
19	QC0609	✓	RIN N/A	
20	QC0609	✓	RIN N/A	
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\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
 Modified: 7/16/2020 3:27:51 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

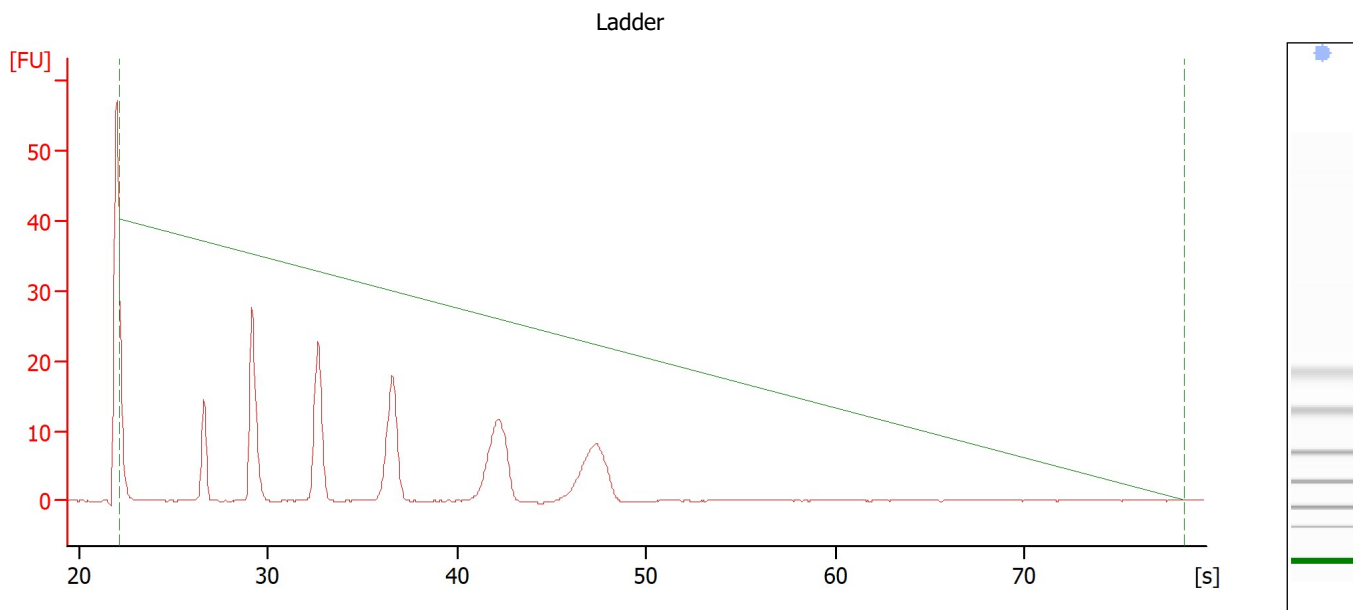
**Ladder**

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\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary**



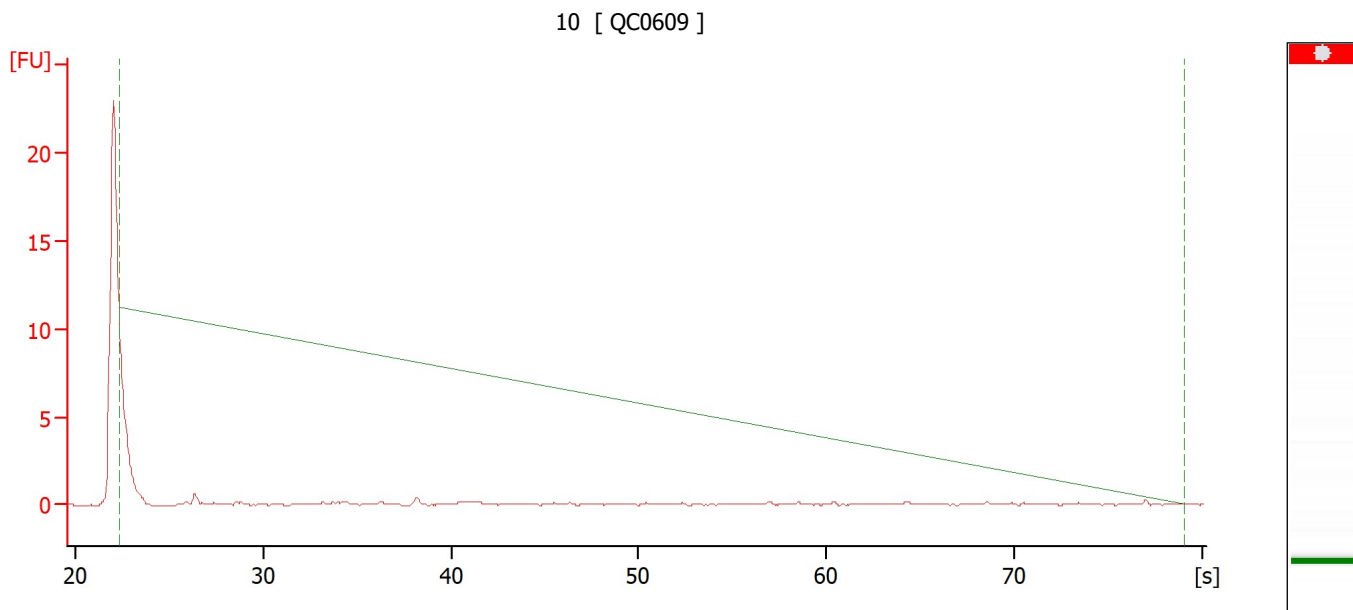
**Overall Results for Ladder**

RNA Area:	-76.0	Result Flagging Color:	<span style="background-color: blue; color: blue;"> </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\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 10**

RNA Area: 0.0

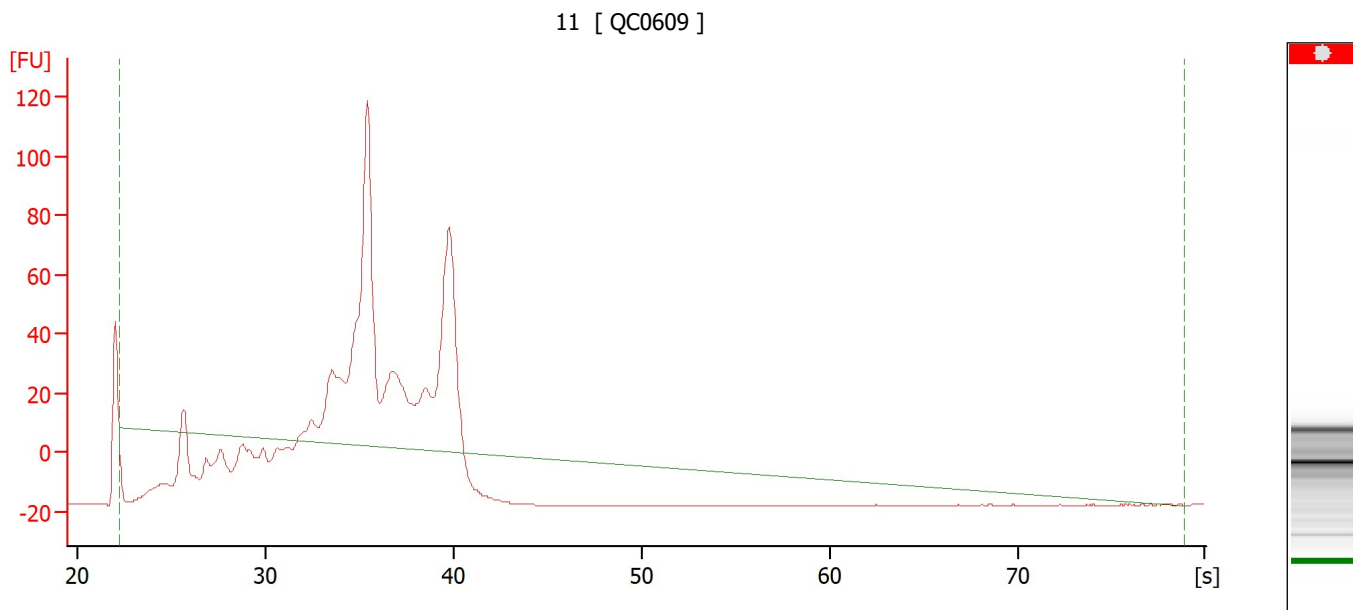
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 11**

RNA Area: 0.0

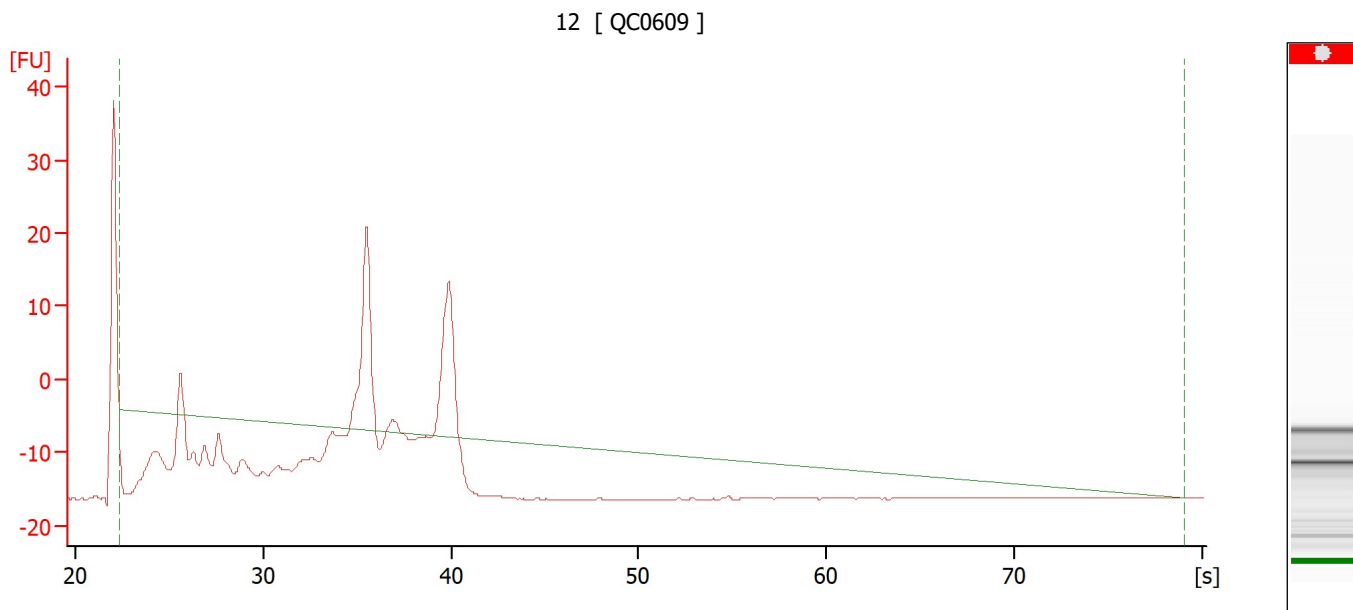
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 12**

RNA Area: 0.0

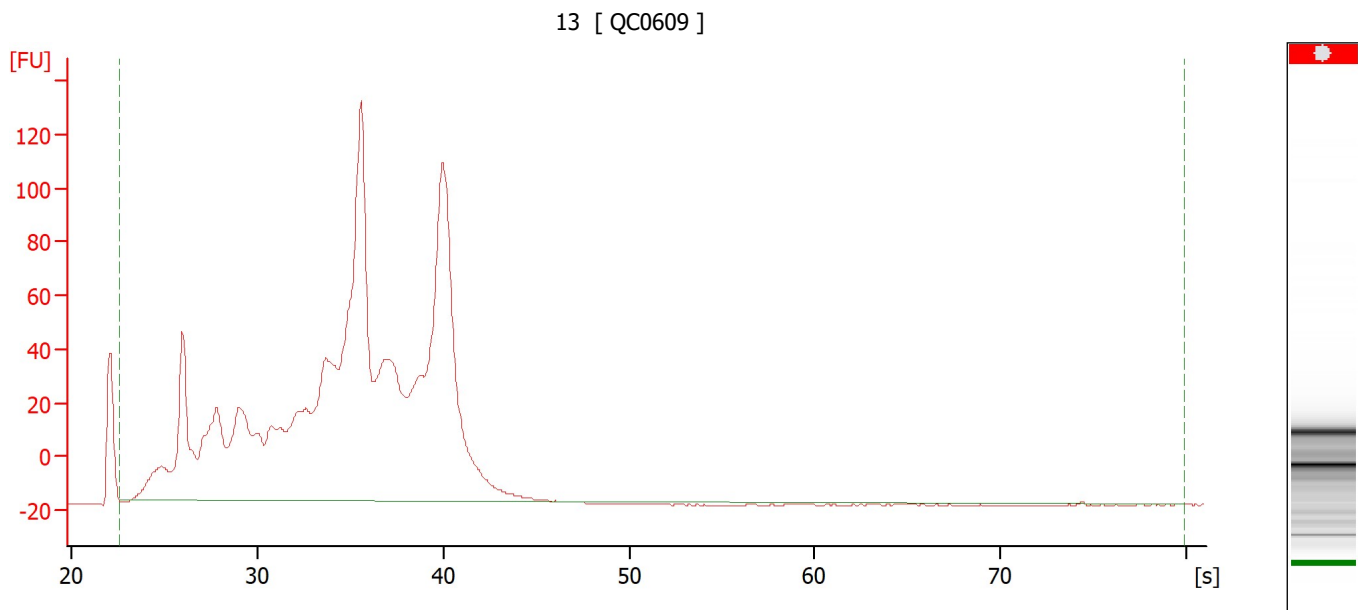
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 13**

RNA Area: 0.0

Result Flagging Label: RIN N/A

Result Flagging Color:

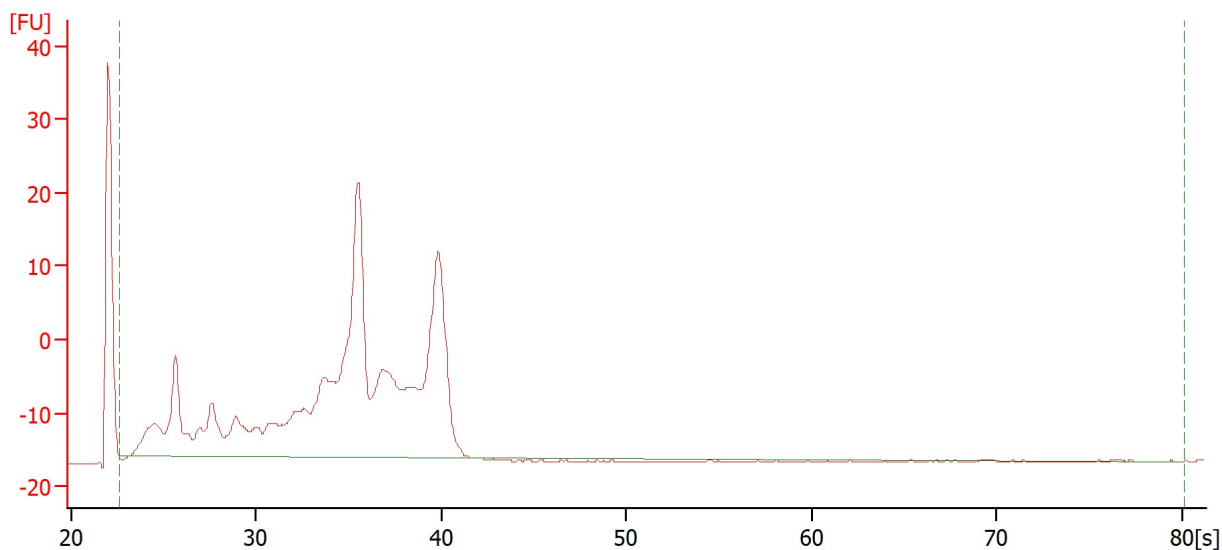


Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**

14 [ QC0609 ]



**Overall Results for sample 5 : 14**

RNA Area: 0.0

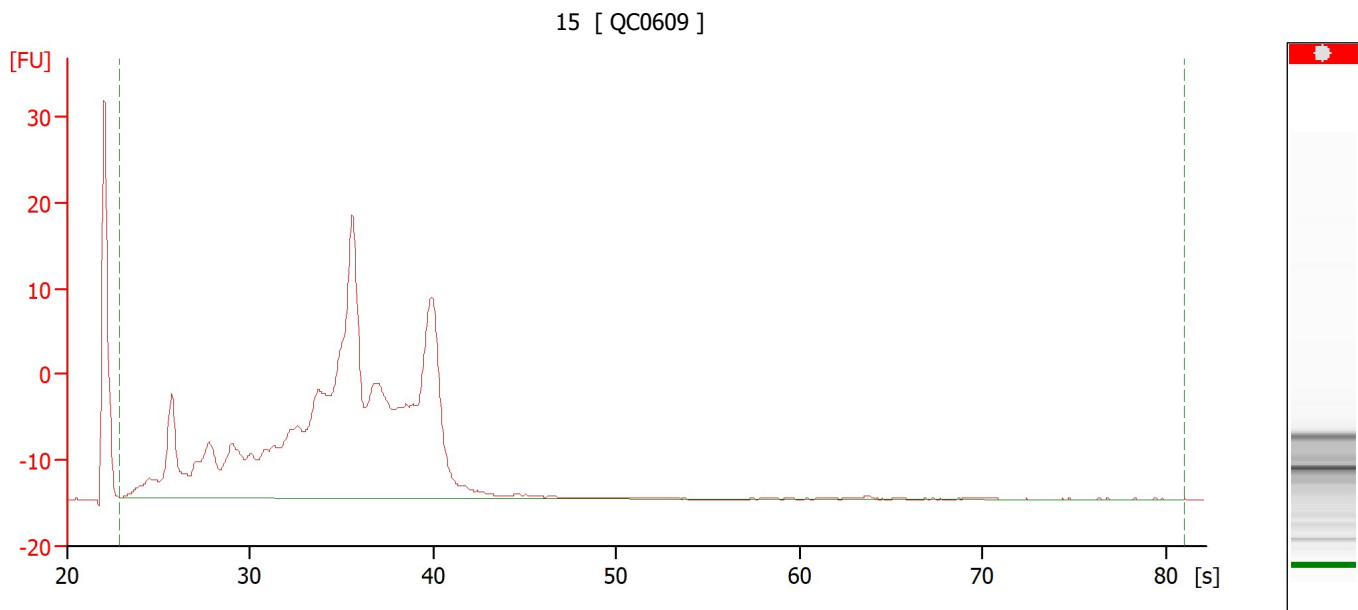
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 15**

RNA Area: 0.0

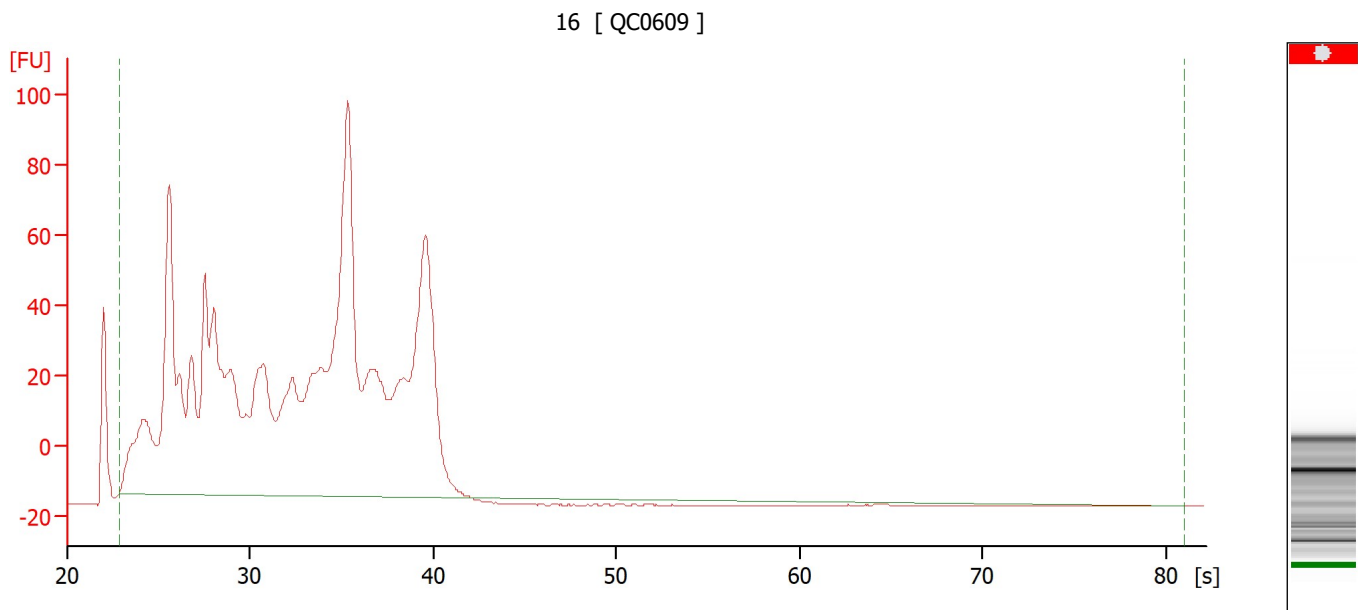
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : 16**

RNA Area: 0.0

Result Flagging Label: RIN N/A

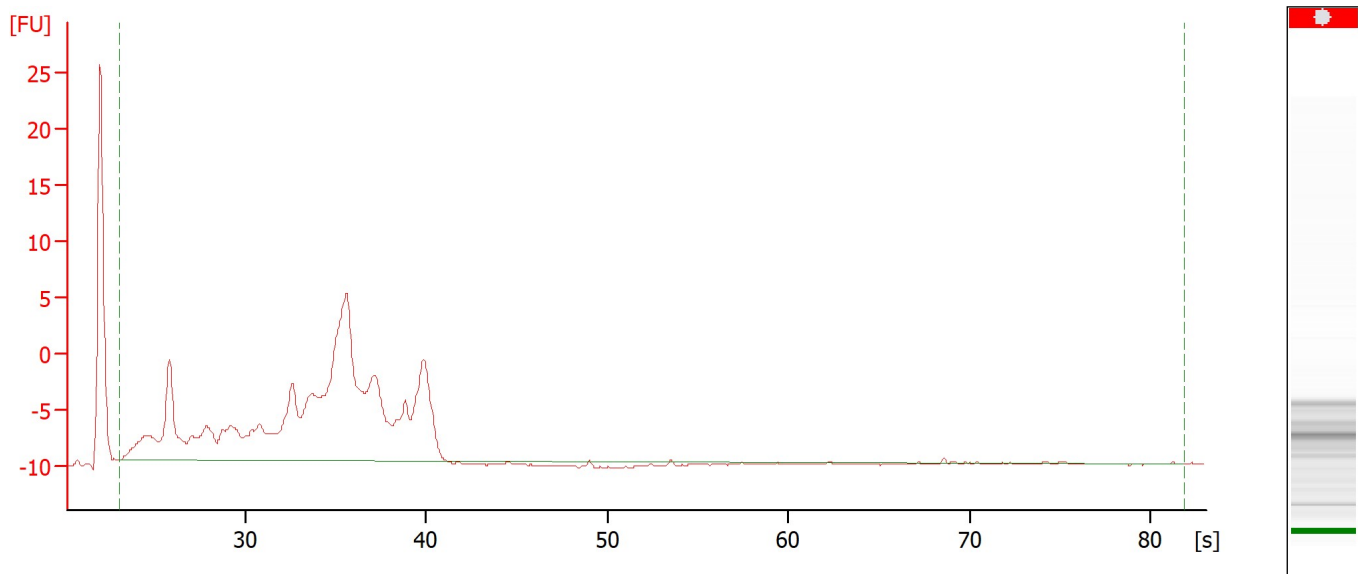
Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**

17 [ QC0609 ]



**Overall Results for sample 8 : 17**

RNA Area: 0.0

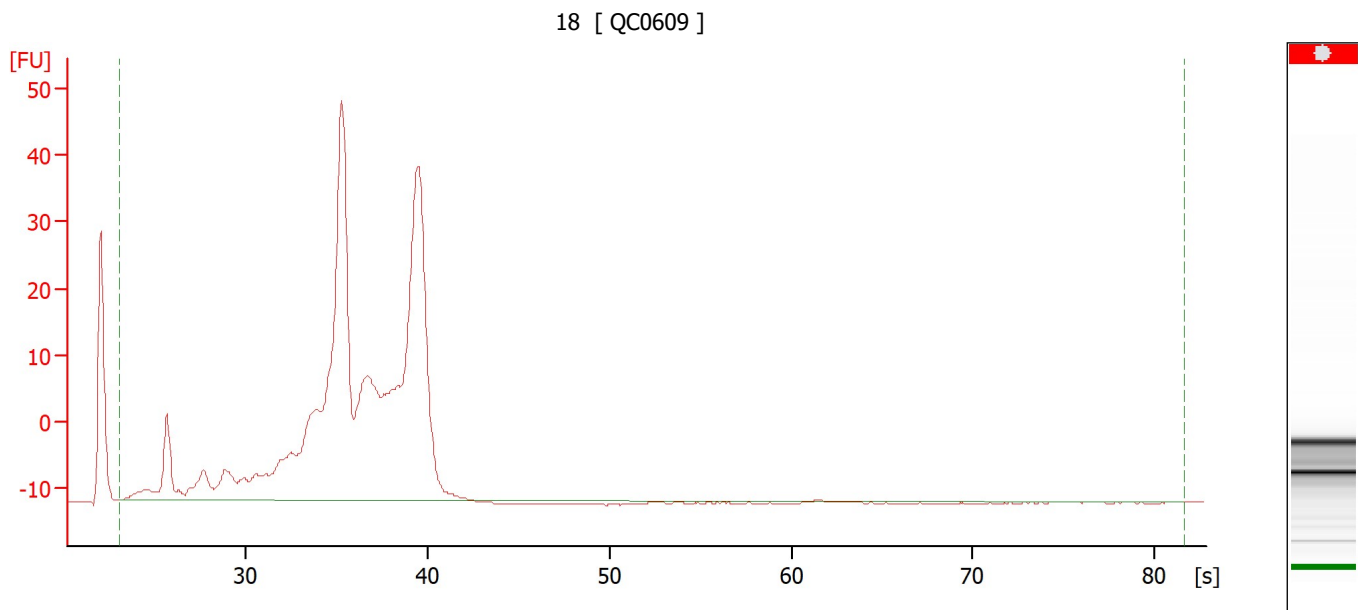
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : 18**

RNA Area: 0.0

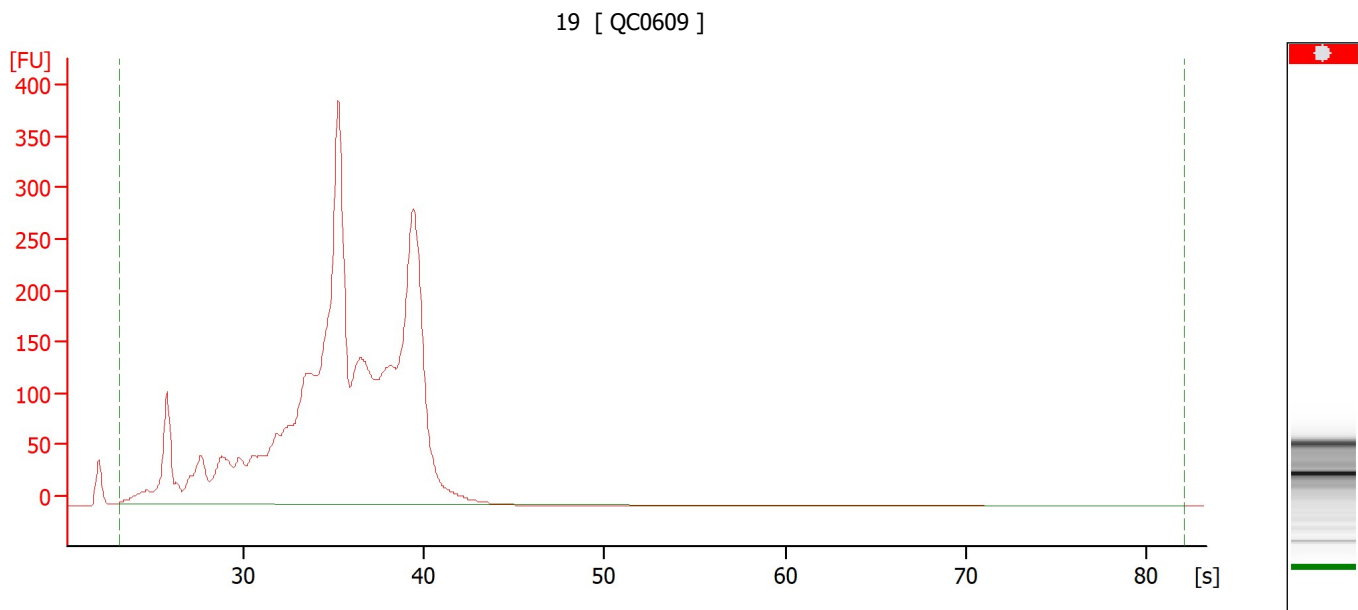
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : 19**

RNA Area: 0.0

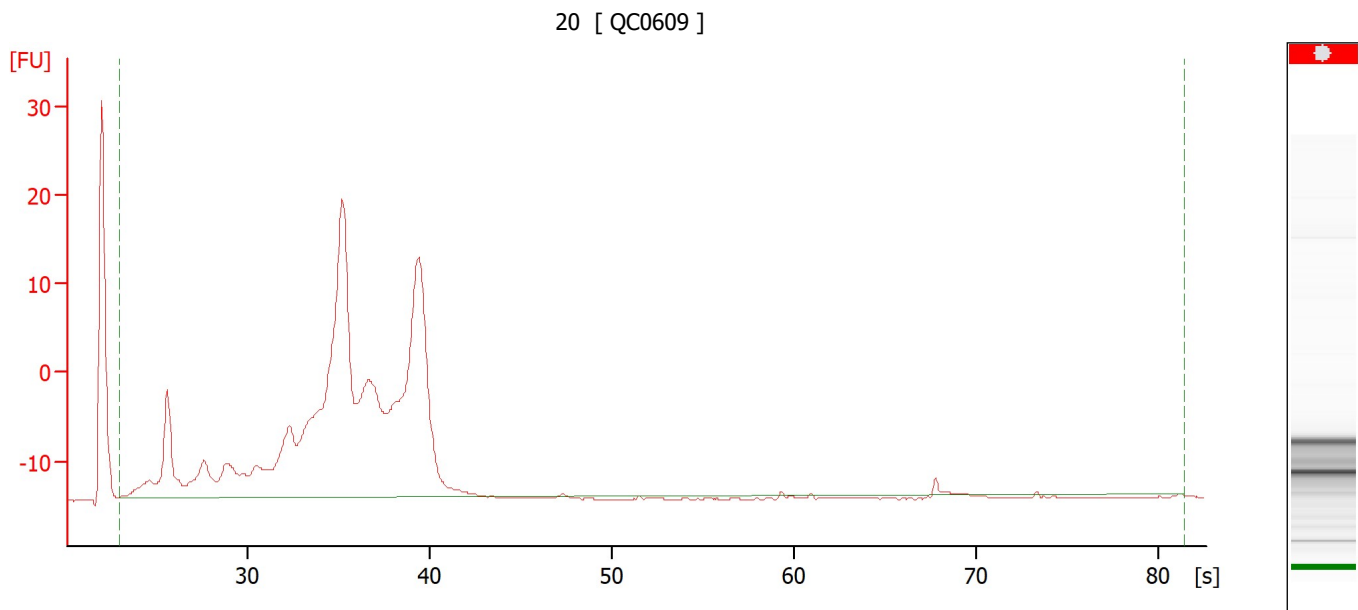
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : 20**

RNA Area: 0.0

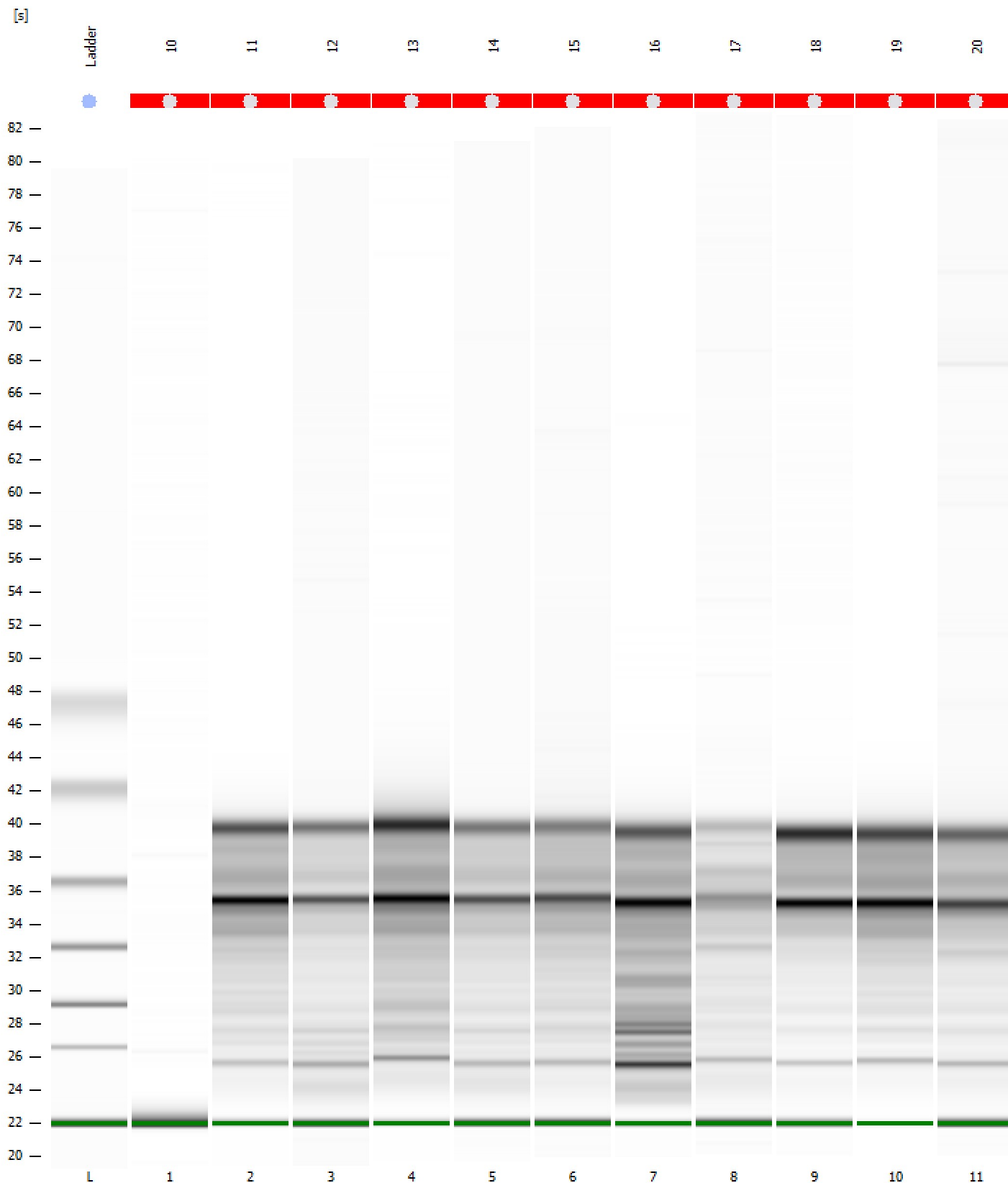
Result Flagging Label: RIN N/A

Result Flagging Color:

Assay Class: Eukaryote Total RNA Pico  
Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
Modified: 7/16/2020 3:27:51 PM

**Gel Image**





Assay Class: Eukaryote Total RNA Pico  
 Data Path: Z:\...16\Bioanalyzer1\_Eukaryote Total RNA Pico\_2020-07-16\_003.xad

Created: 7/16/2020 3:04:52 PM  
 Modified: 7/16/2020 3:27:51 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		7/16/2020 3:27:49 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-07-16\Bioanalyze r1_Eukaryote Total RNA Pico_2020-07-16_003.xad)		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		7/16/2020 3:04:57 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB