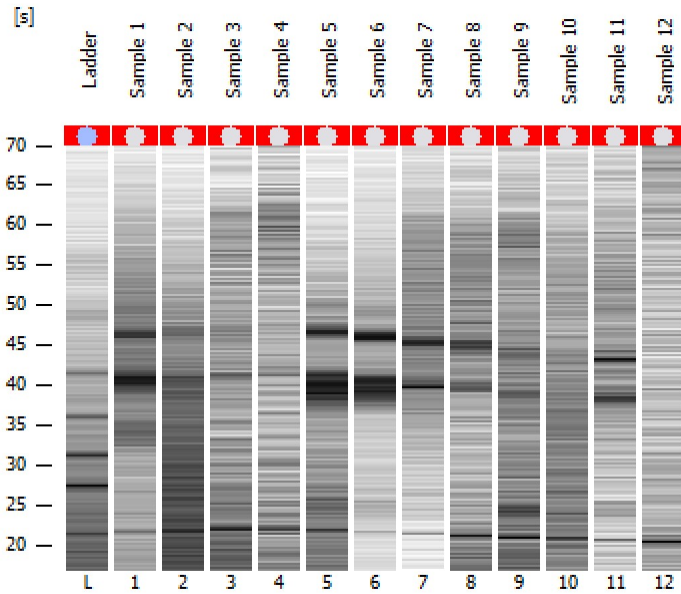


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**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 Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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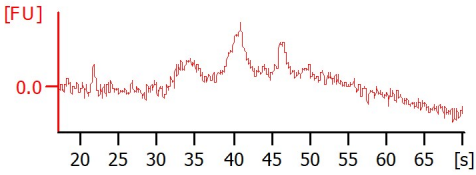
Chip Information:

Chip Lot #:

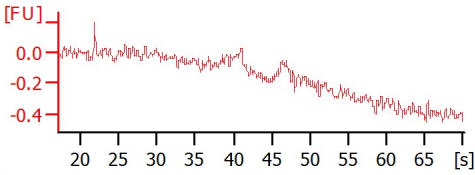
Reagent Kit Lot #:

Chip Comments:

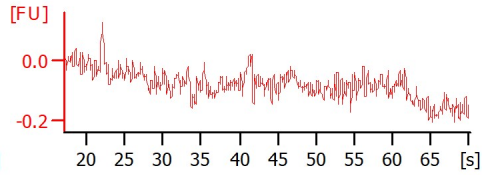
**Sample 1**  
RIN N/A



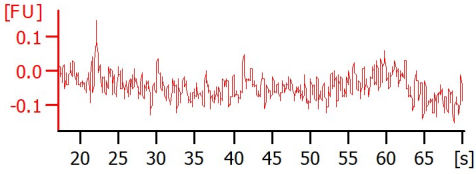
**Sample 2**  
RIN N/A



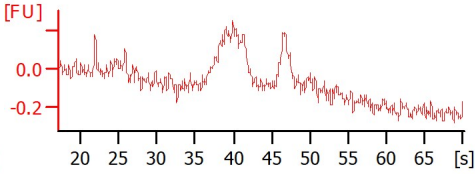
**Sample 3**  
RIN N/A



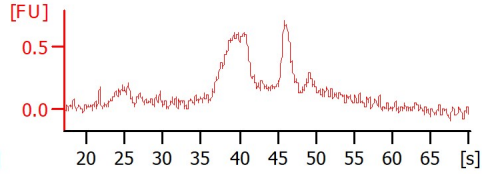
**Sample 4**  
RIN N/A



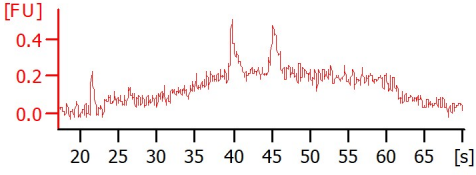
**Sample 5**  
RIN N/A



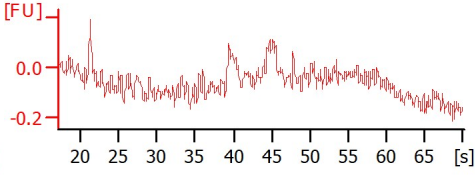
**Sample 6**  
RIN N/A



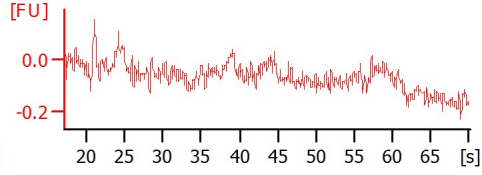
**Sample 7**  
RIN N/A



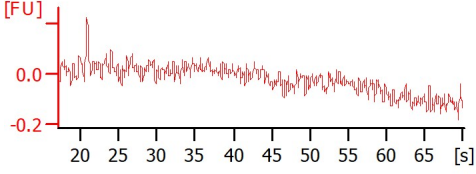
**Sample 8**  
RIN N/A



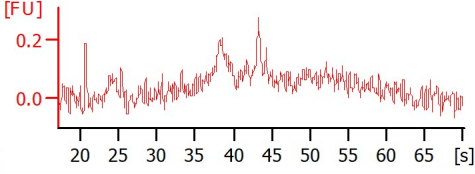
**Sample 9**  
RIN N/A



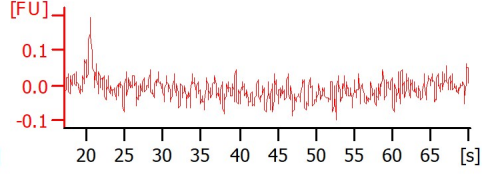
**Sample 10**  
RIN N/A



**Sample 11**  
RIN N/A



**Sample 12**  
RIN N/A



Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
 Modified: 5/30/2024 11:18:02 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN N/A	
Sample 2		✓	RIN N/A	
Sample 3		✓	RIN N/A	
Sample 4		✓	RIN N/A	
Sample 5		✓	RIN N/A	
Sample 6		✓	RIN N/A	
Sample 7		✓	RIN N/A	
Sample 8		✓	RIN N/A	
Sample 9		✓	RIN N/A	
Sample 10		✓	RIN N/A	
Sample 11		✓	RIN N/A	
Sample 12		✓	RIN N/A	
Ladder		✓	All Other Samples	

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13  
Minimum Visible Range [s] : 17  
Maximum Visible Range [s] : 70  
Start Analysis Time Range [s] : 19  
End Analysis Time Range [s] : 69  
Ladder Concentration [ng/μl] : 150  
Lower Marker Concentration [ng/μl] : 0  
Upper Marker Concentration [ng/μl] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 19  
Integration End Time [s] : 69  
Slope Threshold : 0.6  
Height Threshold [FU] : 0.5  
Area Threshold : 0.2  
Width Threshold [s] : 0.5  
Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

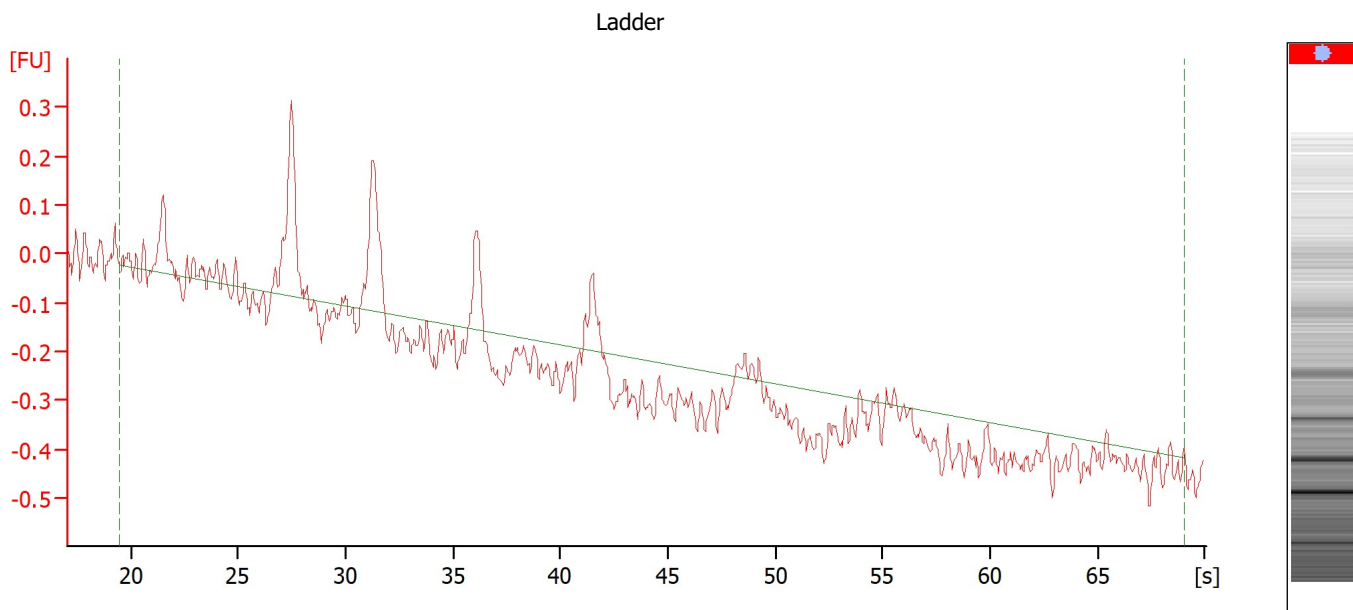
### Ladder

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

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

### Electropherogram Summary



### Overall Results for Ladder

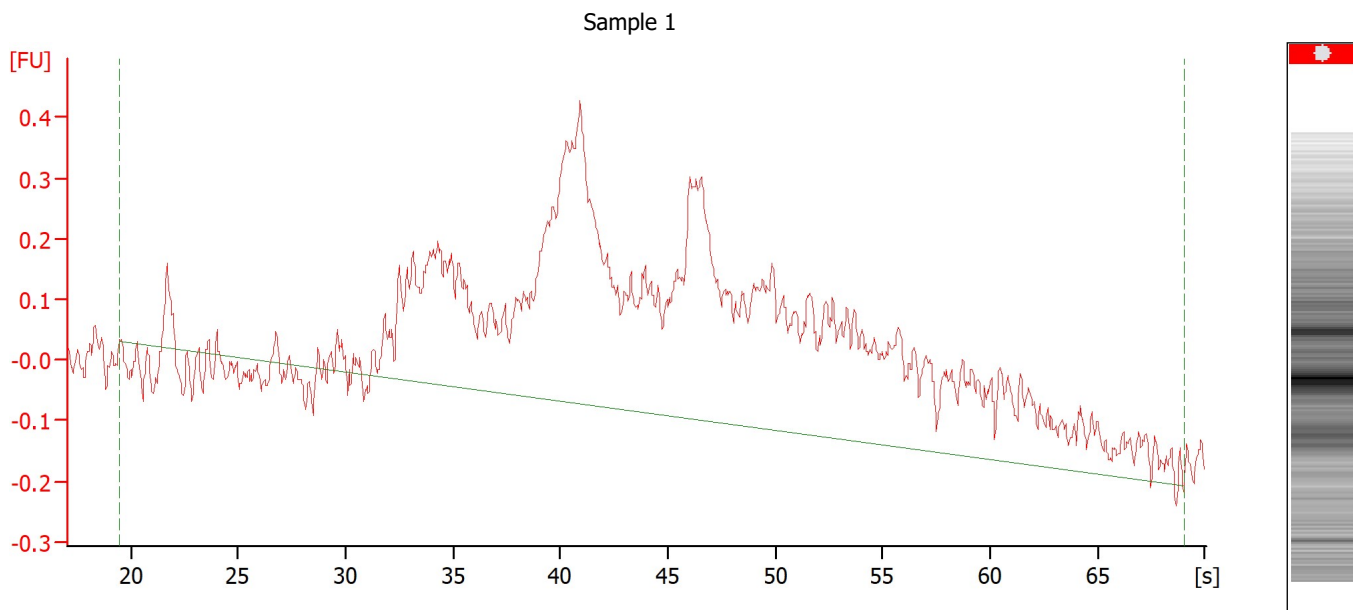
RNA Concentration: 150 ng/ $\mu$ l  
Result Flagging Color:

Result Flagging Label: All Other Samples

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



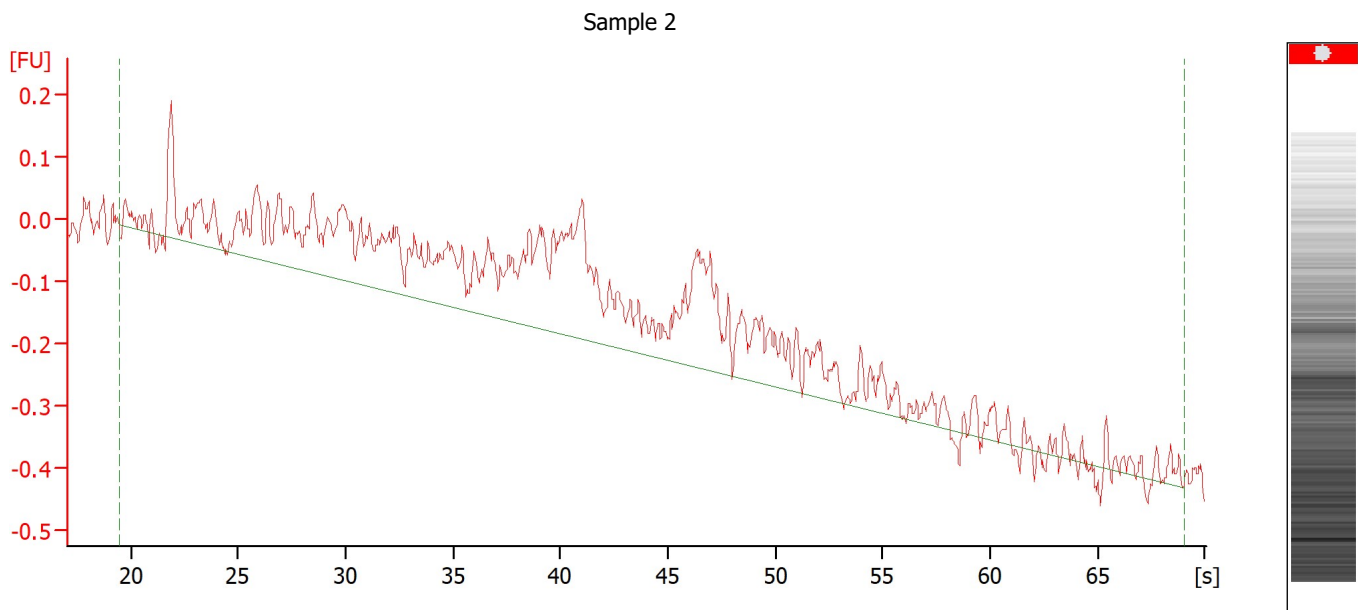
**Overall Results for sample 1 : Sample 1**

RNA Concentration:	903 ng/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Sample 2**

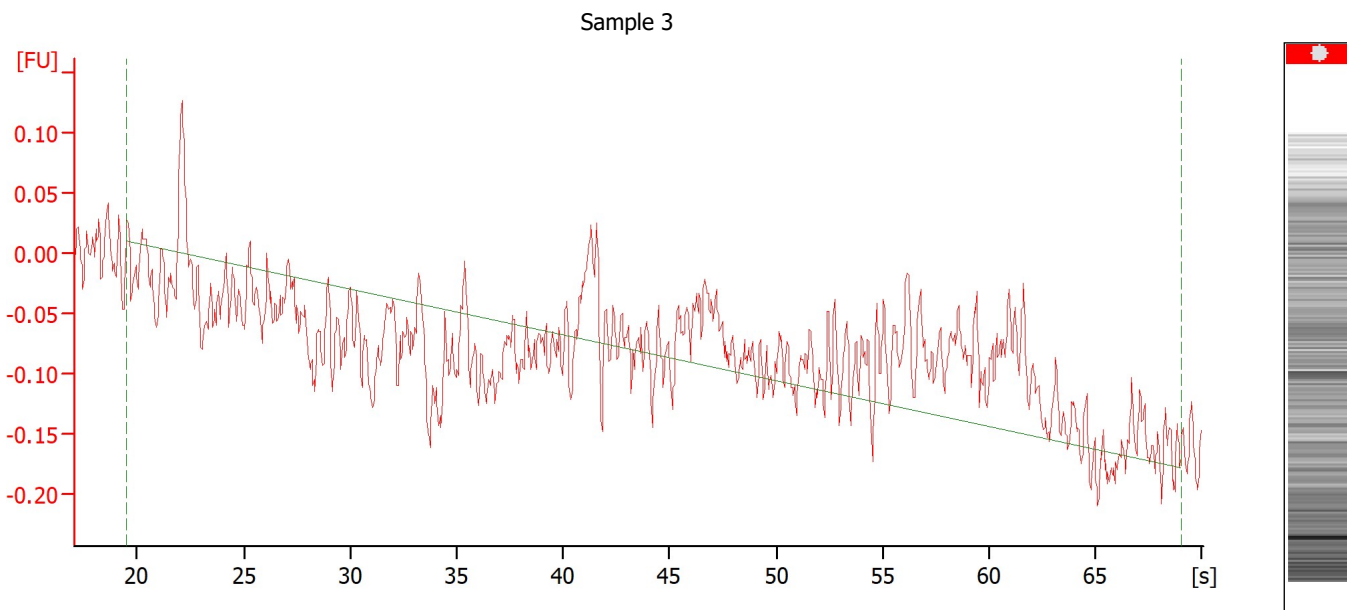
RNA Concentration: 499 ng/μl  
rRNA Ratio [28s / 18s]: 0.0

Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : Sample 3**

RNA Concentration: 119 ng/μl  
rRNA Ratio [28s / 18s]: 0.0

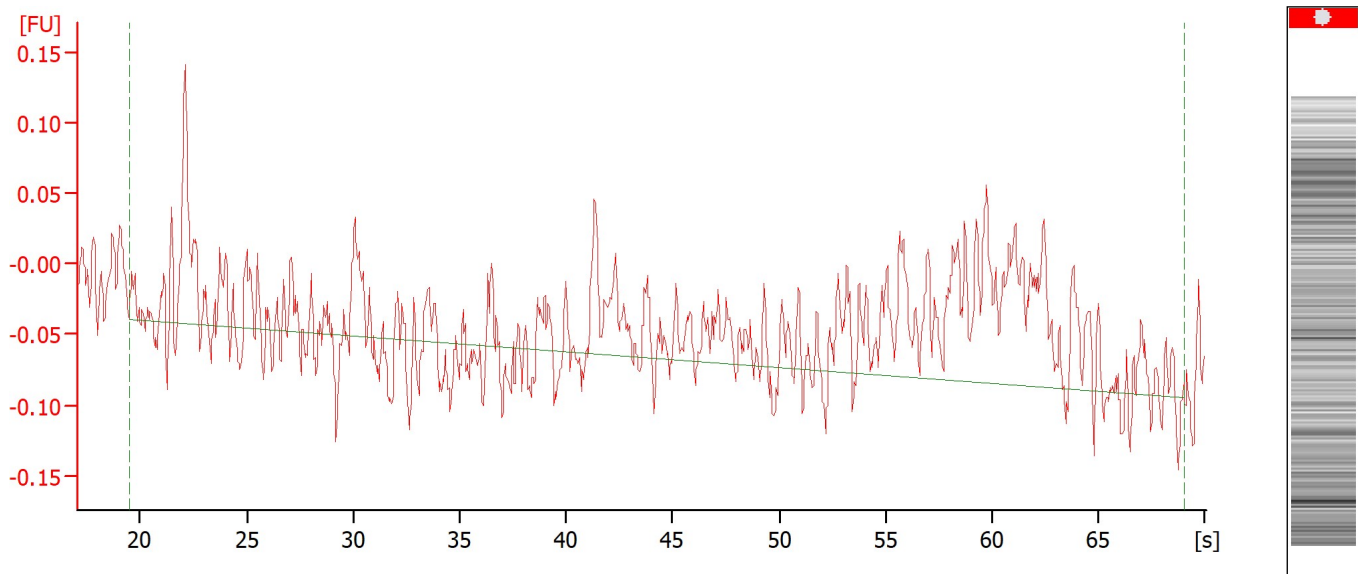
Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**

Sample 4



**Overall Results for sample 4 : Sample 4**

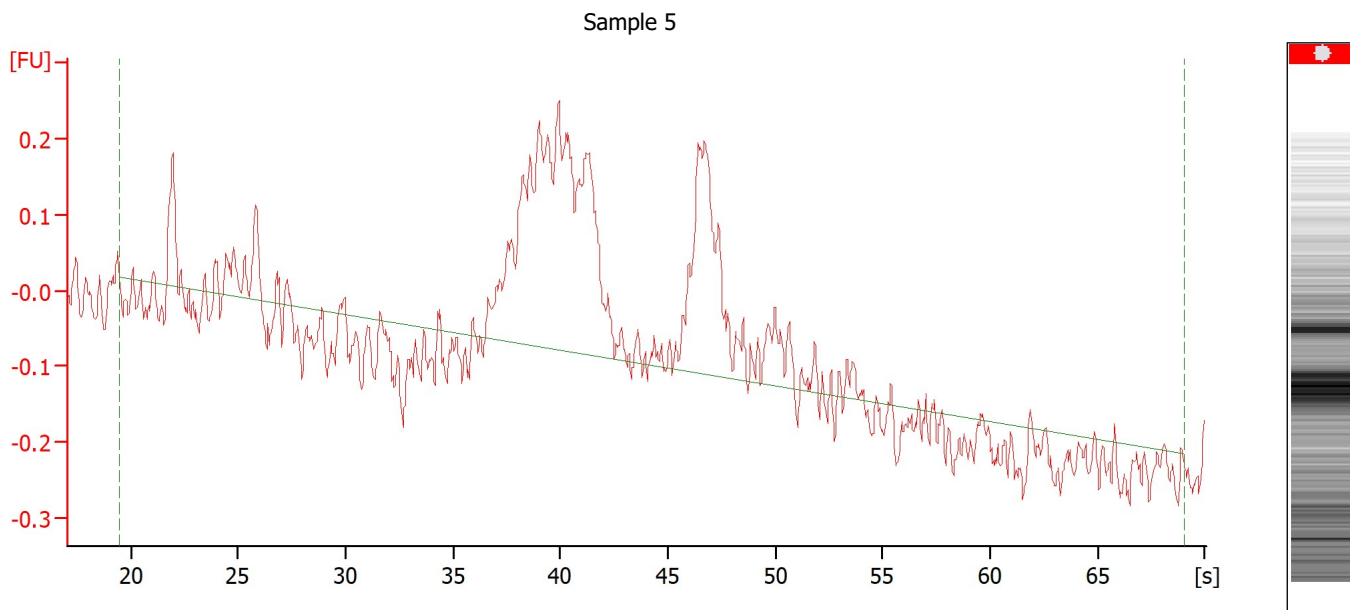
RNA Concentration:	185 ng/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : Sample 5**

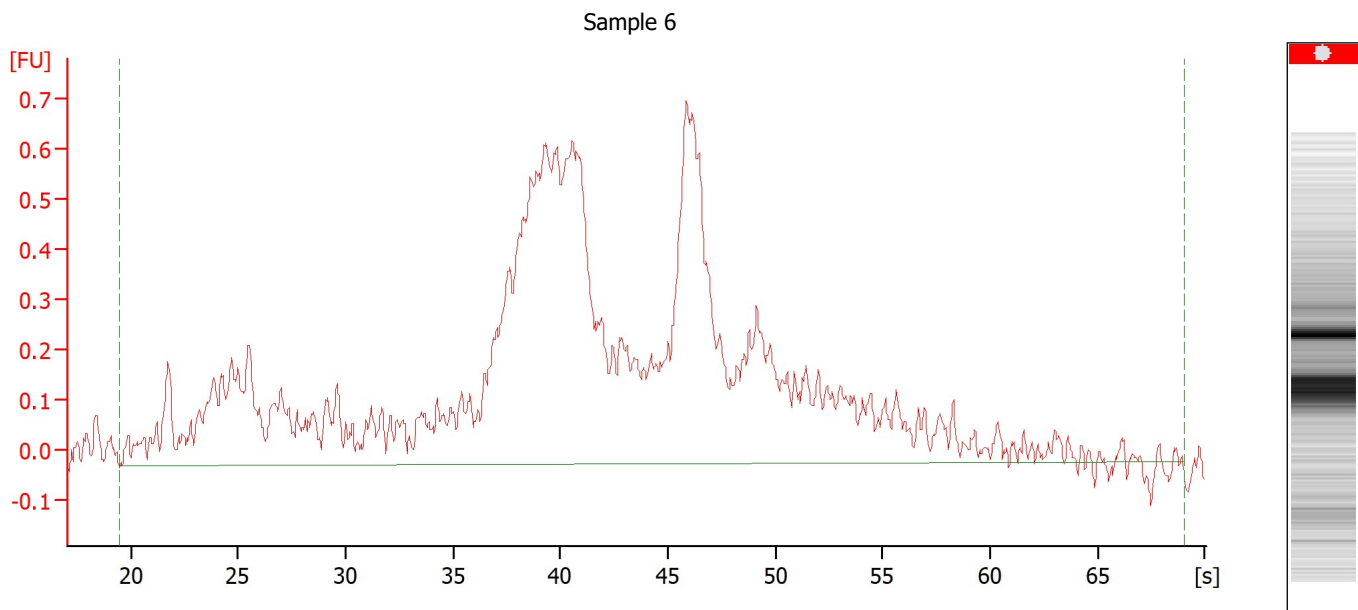
RNA Concentration: 305 ng/μl  
rRNA Ratio [28s / 18s]: 0.0

Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



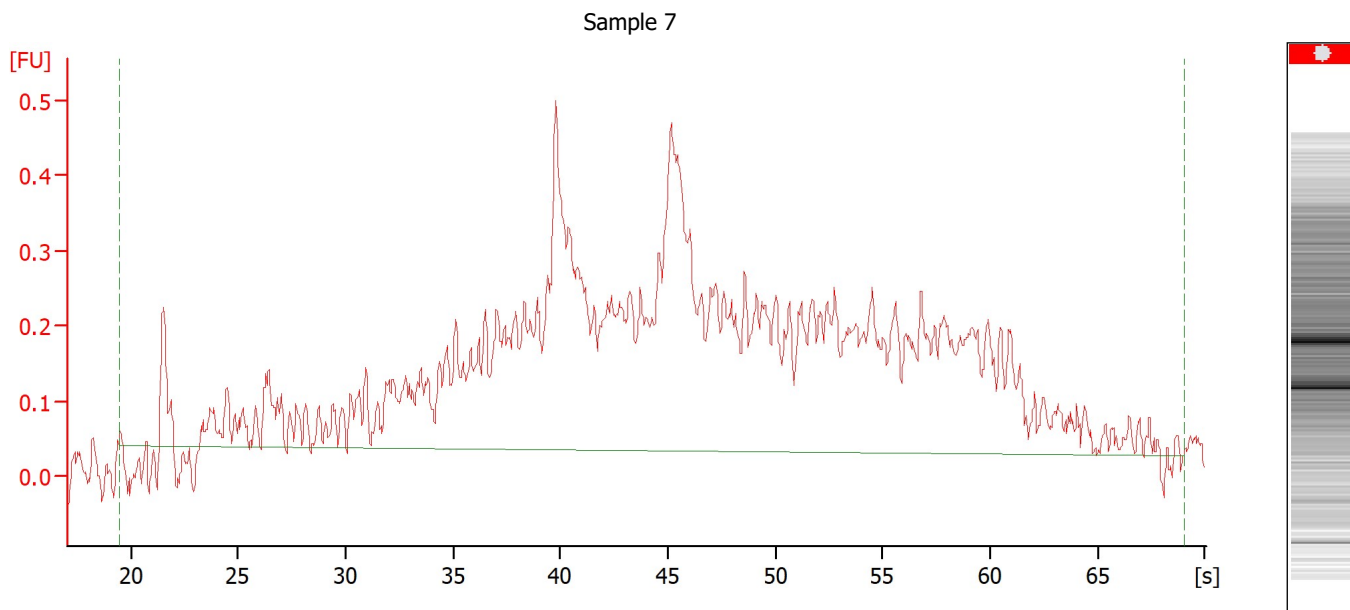
**Overall Results for sample 6 : Sample 6**

RNA Concentration:	1,230 ng/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : Sample 7**

RNA Concentration: 836 ng/μl  
rRNA Ratio [28s / 18s]: 0.0

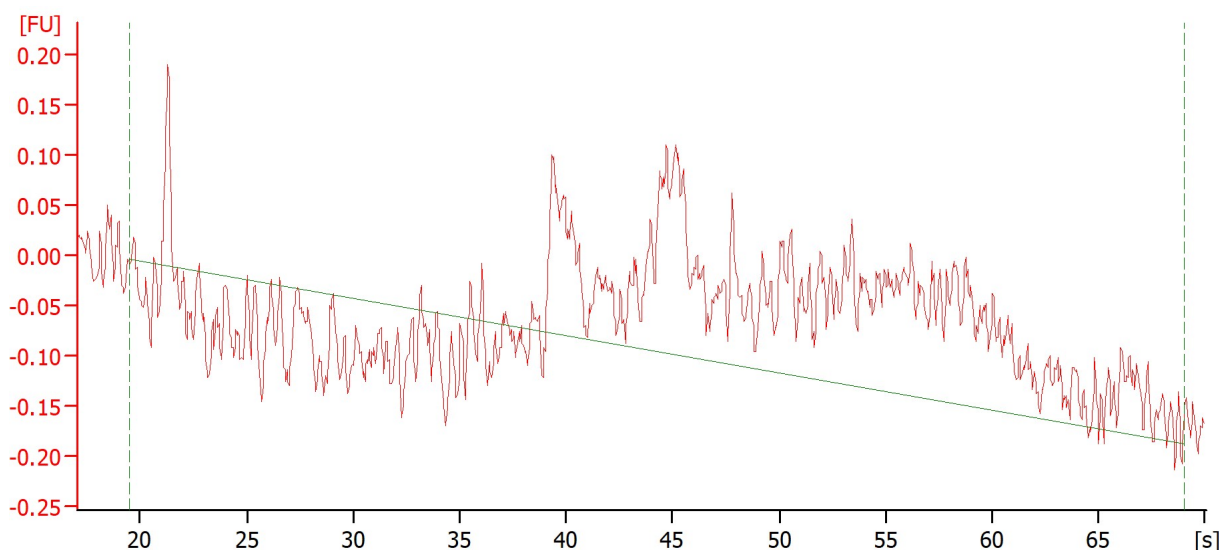
Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**

Sample 8



**Overall Results for sample 8 : Sample 8**

RNA Concentration: 310 ng/μl  
rRNA Ratio [28s / 18s]: 0.0

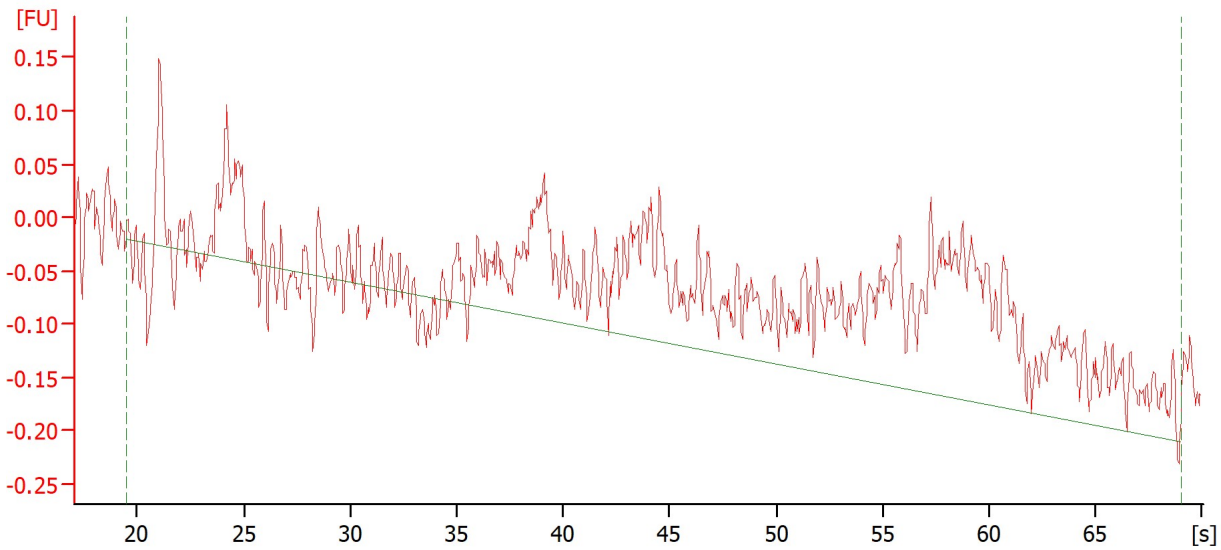
Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**

Sample 9



**Overall Results for sample 9 : Sample 9**

RNA Concentration: 362 ng/μl  
rRNA Ratio [28s / 18s]: 0.0

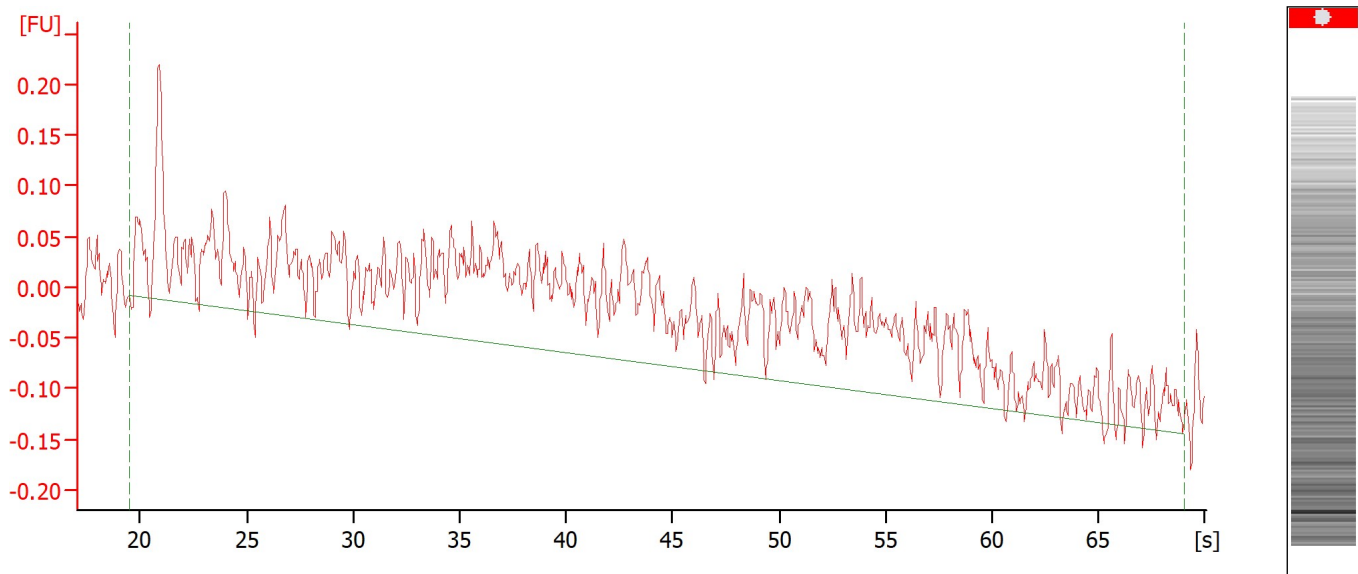
Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
 Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**

Sample 10



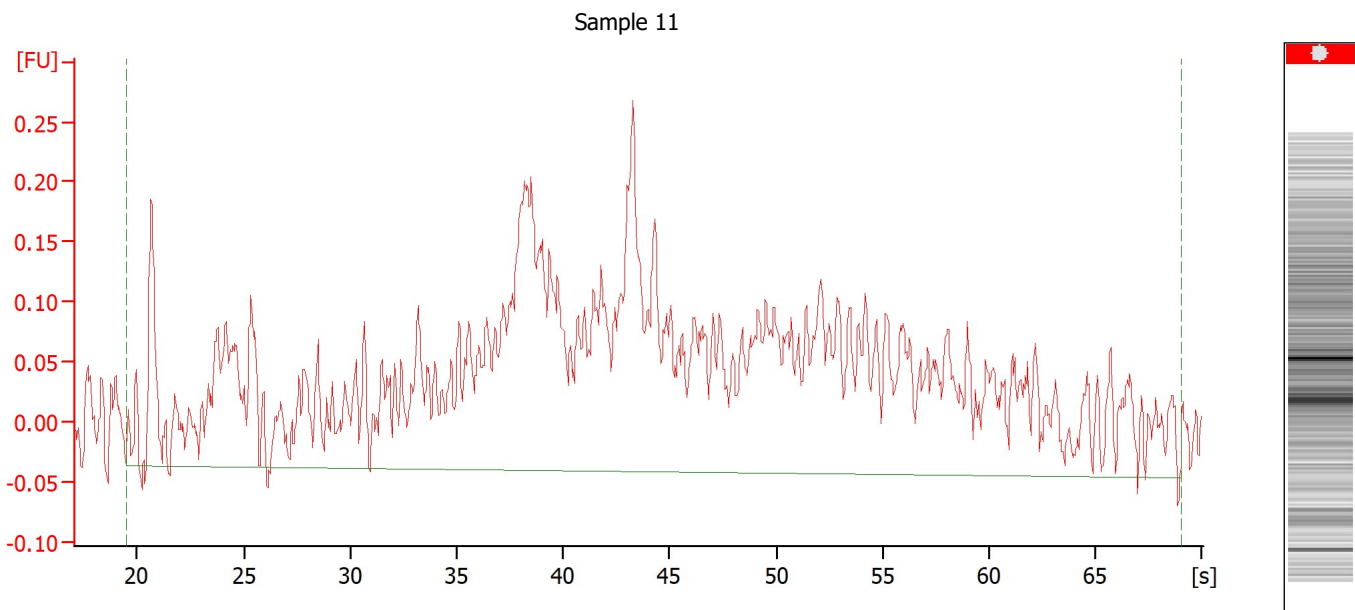
**Overall Results for sample 10 : Sample 10**

RNA Concentration:	457 ng/μl	Result Flagging Color:	<span style="border: 1px solid black; background-color: #cccccc; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : Sample 11**

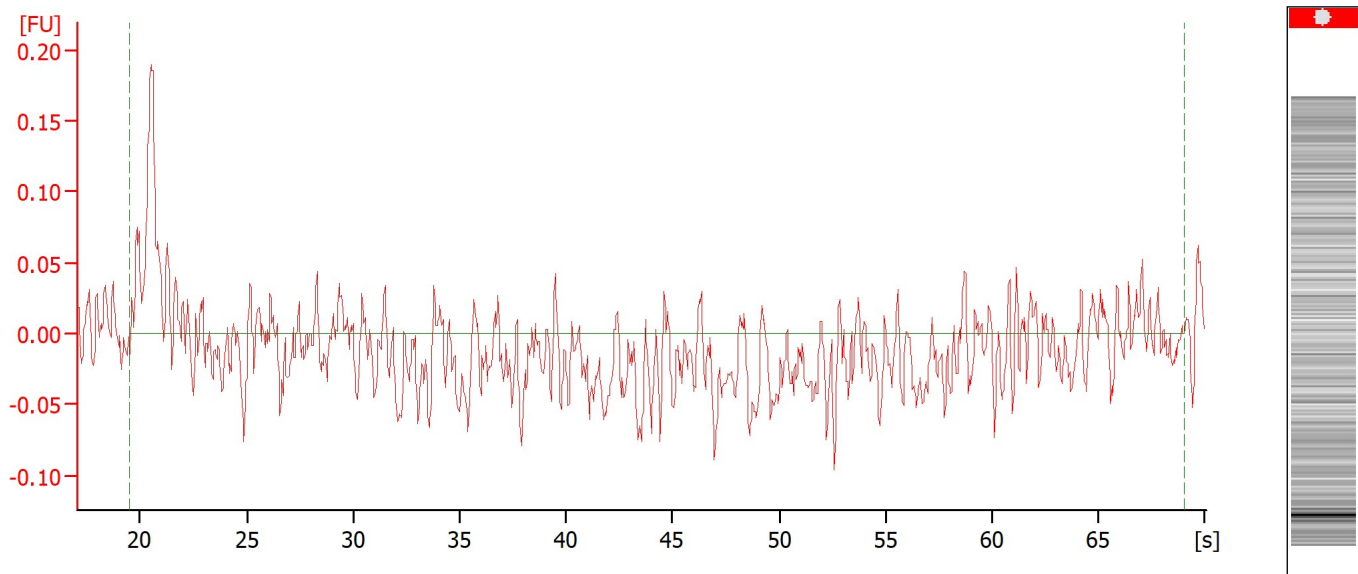
RNA Concentration:	668 ng/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Electropherogram Summary Continued ...**

Sample 12



**Overall Results for sample 12 : Sample 12**

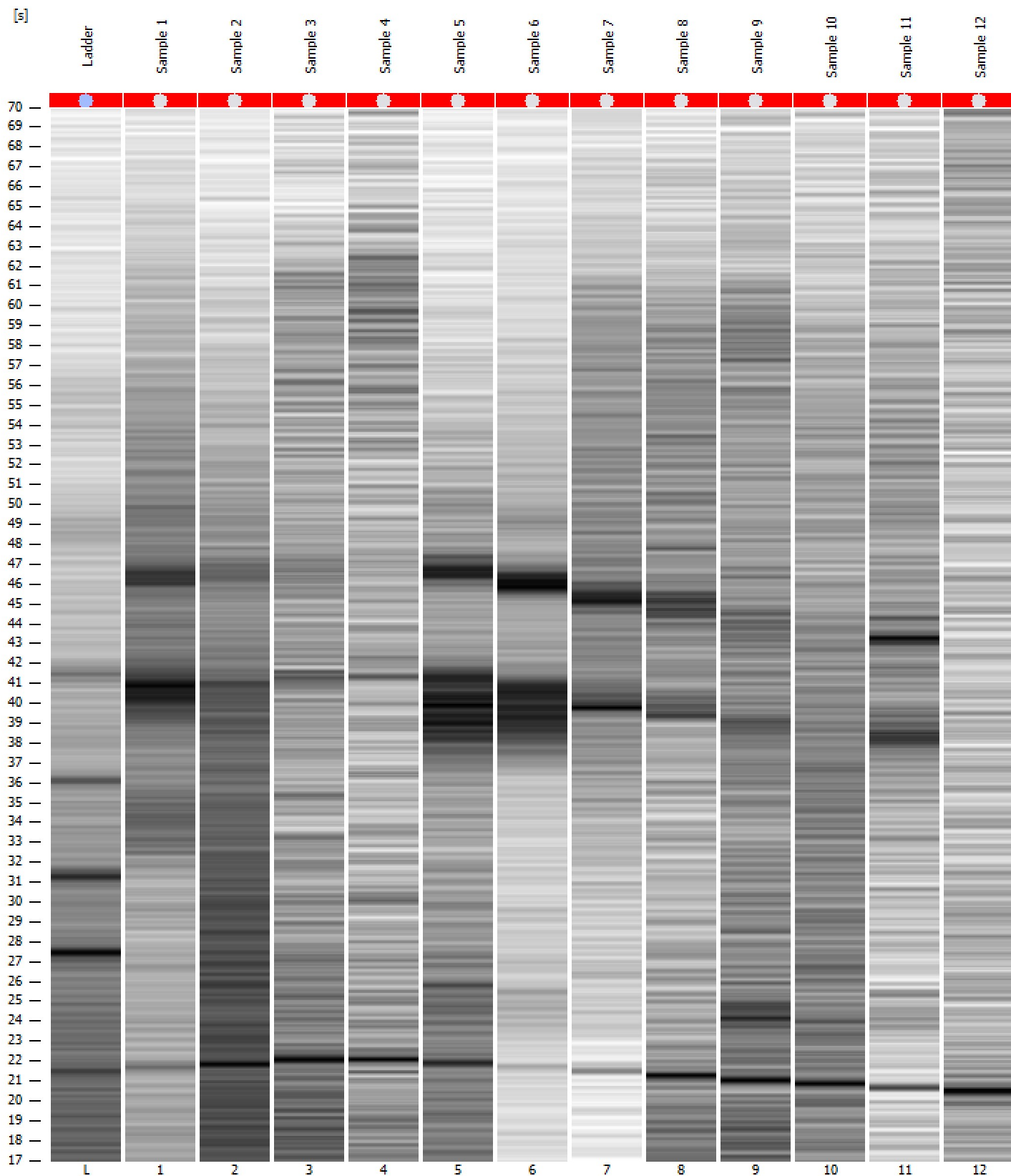
RNA Concentration:	71 ng/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad

Created: 5/30/2024 10:51:47 AM  
Modified: 5/30/2024 11:18:02 AM

**Gel Image**



Assay Class: Eukaryote Total RNA Nano Created: 5/30/2024 10:51:47 AM  
 Data Path: C:\...zer1\_Eukaryote Total RNA Nano\_DE34903152\_2024-05-30\_001.xad Modified: 5/30/2024 11:18:02 AM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		5/30/2024 11:14:51 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2024-05-30\Bioanalyzer1_Eukaryote Total RNA Nano_DE34903152_2024-05-30_001.xad)		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		5/30/2024 10:51:53 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB