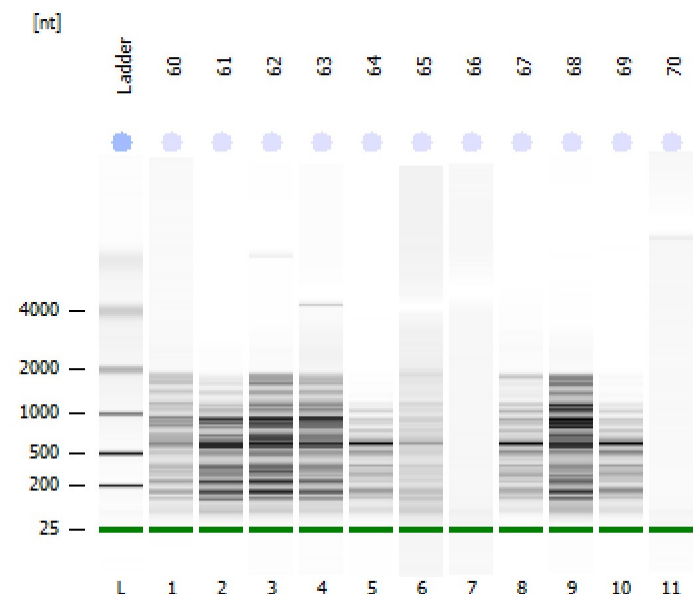


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-28\_13-03-48.xad

Created: 1/28/2016 1:03:47 PM  
Modified: 1/29/2016 3:26:41 PM

## Electrophoresis File Run Summary



### Instrument Information:

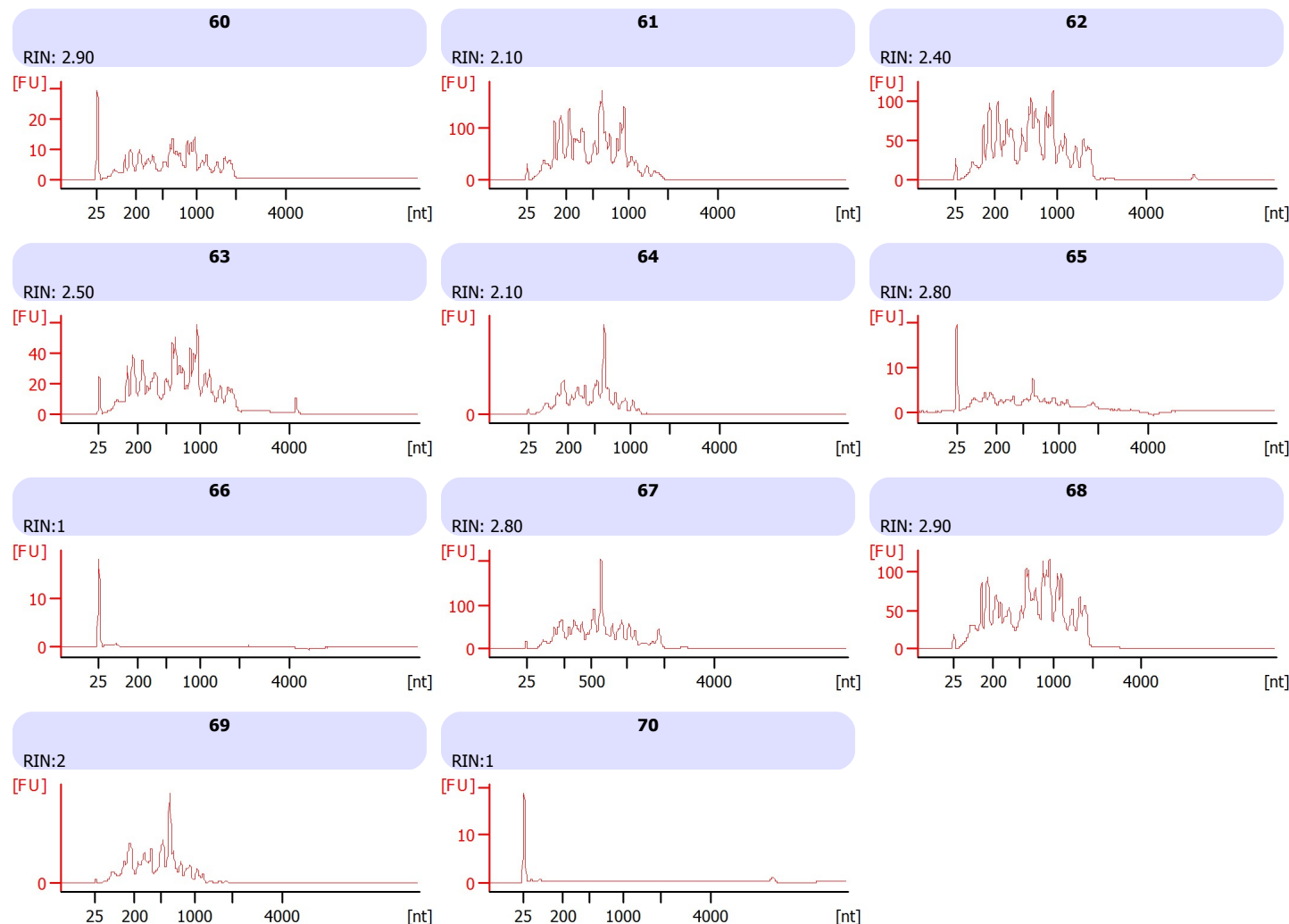
Instrument Name: Bioanalyzer  
Serial#: DE20901668  
Firmware: C.01.069  
Type: G2938B

### 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: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-28\_13-03-48.xad

Created: 1/28/2016 1:03:47 PM  
Modified: 1/29/2016 3:26:41 PM

# Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
60		✓	RIN: 2.90	
61		✓	RIN: 2.10	
62		✓	RIN: 2.40	
63		✓	RIN: 2.50	
64		✓	RIN: 2.10	
65		✓	RIN: 2.80	
66		✓	RIN:1	
67		✓	RIN: 2.80	
68		✓	RIN: 2.90	
69		✓	RIN:2	
70		✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

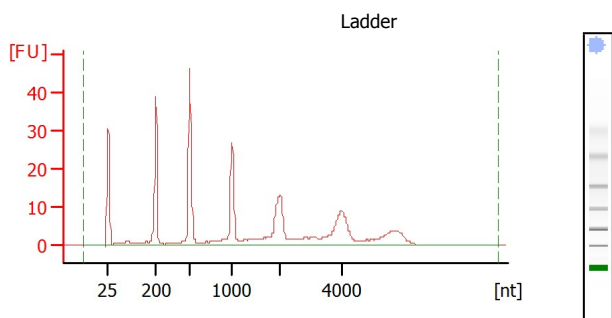
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-28\_13-03-48.xad

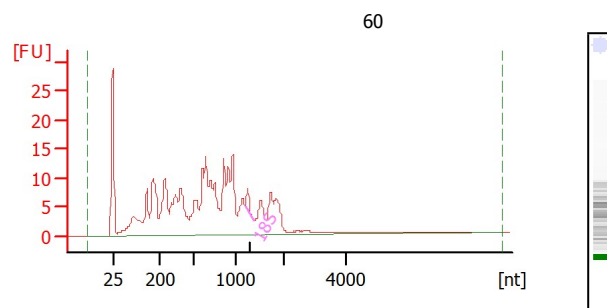
Created: 1/28/2016 1:03:47 PM  
Modified: 1/29/2016 3:26:41 PM

## Electropherogram Summary



### Overall Results for Ladder

RNA Area: 295.5  
RNA Concentration: 1,000 pg/μl  
Result Flagging Color:    
Result Flagging Label: All Other Samples

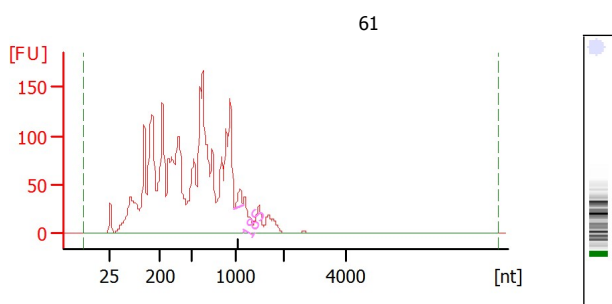


### Overall Results for sample 1 : 60

RNA Area: 337.6  
RNA Concentration: 1,142 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 2.9 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.90

### Fragment table for sample 1 : 60

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,169	1,370	3.7	1.1

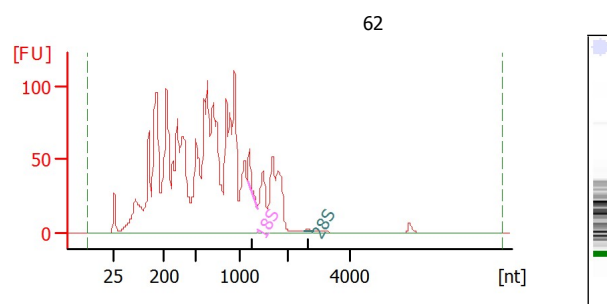


### Overall Results for sample 2 : 61

RNA Area: 3,163.2  
RNA Concentration: 10,703 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 2.1 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.10

### Fragment table for sample 2 : 61

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	988	1,153	24.6	0.8



### Overall Results for sample 3 : 62

RNA Area: 2,644.6  
RNA Concentration: 8,948 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 2.4 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.40

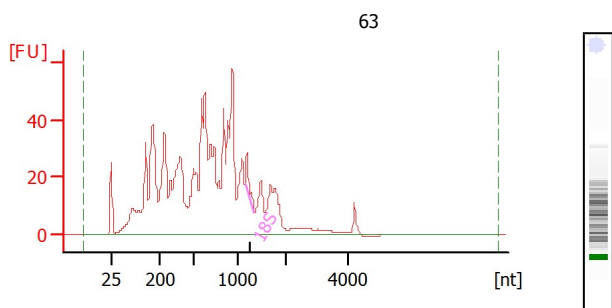
### Fragment table for sample 3 : 62

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,153	1,361	28.6	1.1
28S	2,520	2,845	1.2	0.0

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-28\_13-03-48.xad

Created: 1/28/2016 1:03:47 PM  
Modified: 1/29/2016 3:26:41 PM

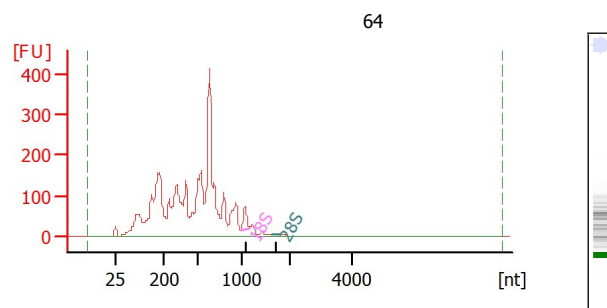
# Electropherogram Summary Continued ...



**Overall Results for sample 4 :** 63  
RNA Area: 1,152.7  
RNA Concentration: 3,900 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 2.5 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.50

## Fragment table for sample 4 : 63

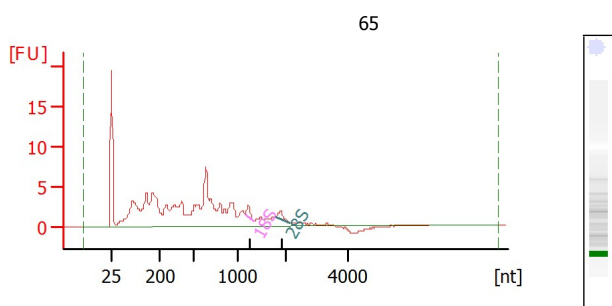
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,167	1,366	14.7	1.3



**Overall Results for sample 5 :** 64  
RNA Area: 3,806.3  
RNA Concentration: 12,879 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 2.1 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.10

## Fragment table for sample 5 : 64

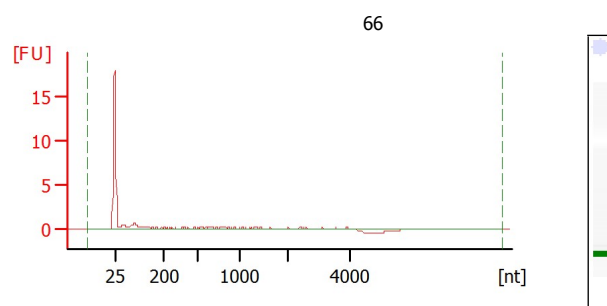
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	993	1,170	64.0	1.7
28S	1,609	1,773	2.2	0.1



**Overall Results for sample 6 :** 65  
RNA Area: 140.6  
RNA Concentration: 476 pg/μl  
rRNA Ratio [28s / 18s]: 1.0  
RNA Integrity Number (RIN): 2.8 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.80

## Fragment table for sample 6 : 65

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,152	1,325	1.6	1.1
28S	1,773	2,090	1.6	1.1

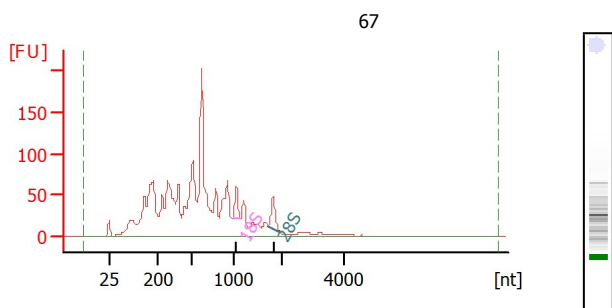


**Overall Results for sample 7 :** 66  
RNA Area: 11.9  
RNA Concentration: 40 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-28\_13-03-48.xad

Created: 1/28/2016 1:03:47 PM  
Modified: 1/29/2016 3:26:41 PM

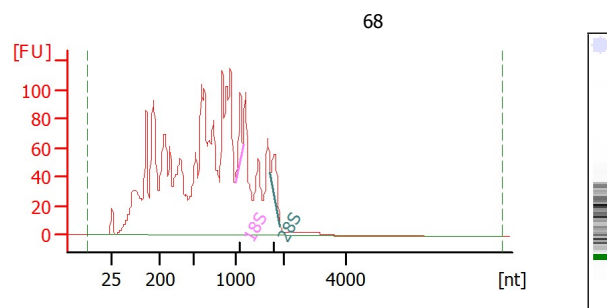
# Electropherogram Summary Continued ...



**Overall Results for sample 8 :** 67  
RNA Area: 2,227.1  
RNA Concentration: 7,536 pg/μl  
rRNA Ratio [28s / 18s]: 1.1  
RNA Integrity Number (RIN): 2.8 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.80

**Fragment table for sample 8 :** 67

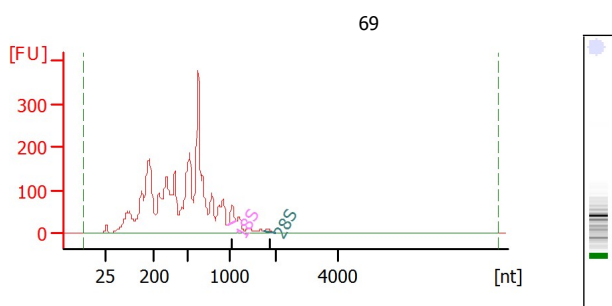
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	993	1,145	43.6	2.0
28S	1,730	1,984	49.8	2.2



**Overall Results for sample 9 :** 68  
RNA Area: 2,904.1  
RNA Concentration: 9,826 pg/μl  
rRNA Ratio [28s / 18s]: 1.0  
RNA Integrity Number (RIN): 2.9 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2.90

**Fragment table for sample 9 :** 68

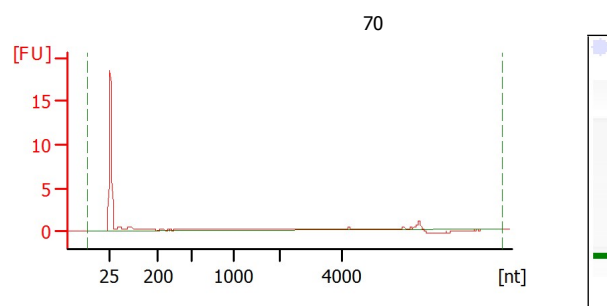
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	990	1,149	43.6	1.5
28S	1,728	1,929	43.3	1.5



**Overall Results for sample 10 :** 69  
RNA Area: 3,946.7  
RNA Concentration: 13,354 pg/μl  
rRNA Ratio [28s / 18s]: 0.2  
RNA Integrity Number (RIN): 2 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 2

**Fragment table for sample 10 :** 69

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	988	1,156	51.9	1.3
28S	1,749	1,987	8.2	0.2



**Overall Results for sample 11 :** 70  
RNA Area: 15.7  
RNA Concentration: 53 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 1