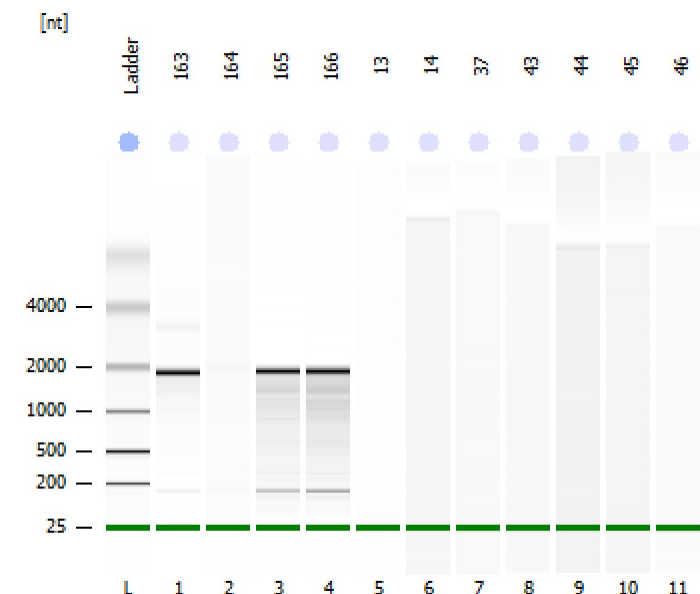


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-29\_13-11-42.xad

Created: 1/29/2016 1:11:41 PM  
Modified: 1/29/2016 3:36:02 PM

## Electrophoresis File Run Summary



### Instrument Information:

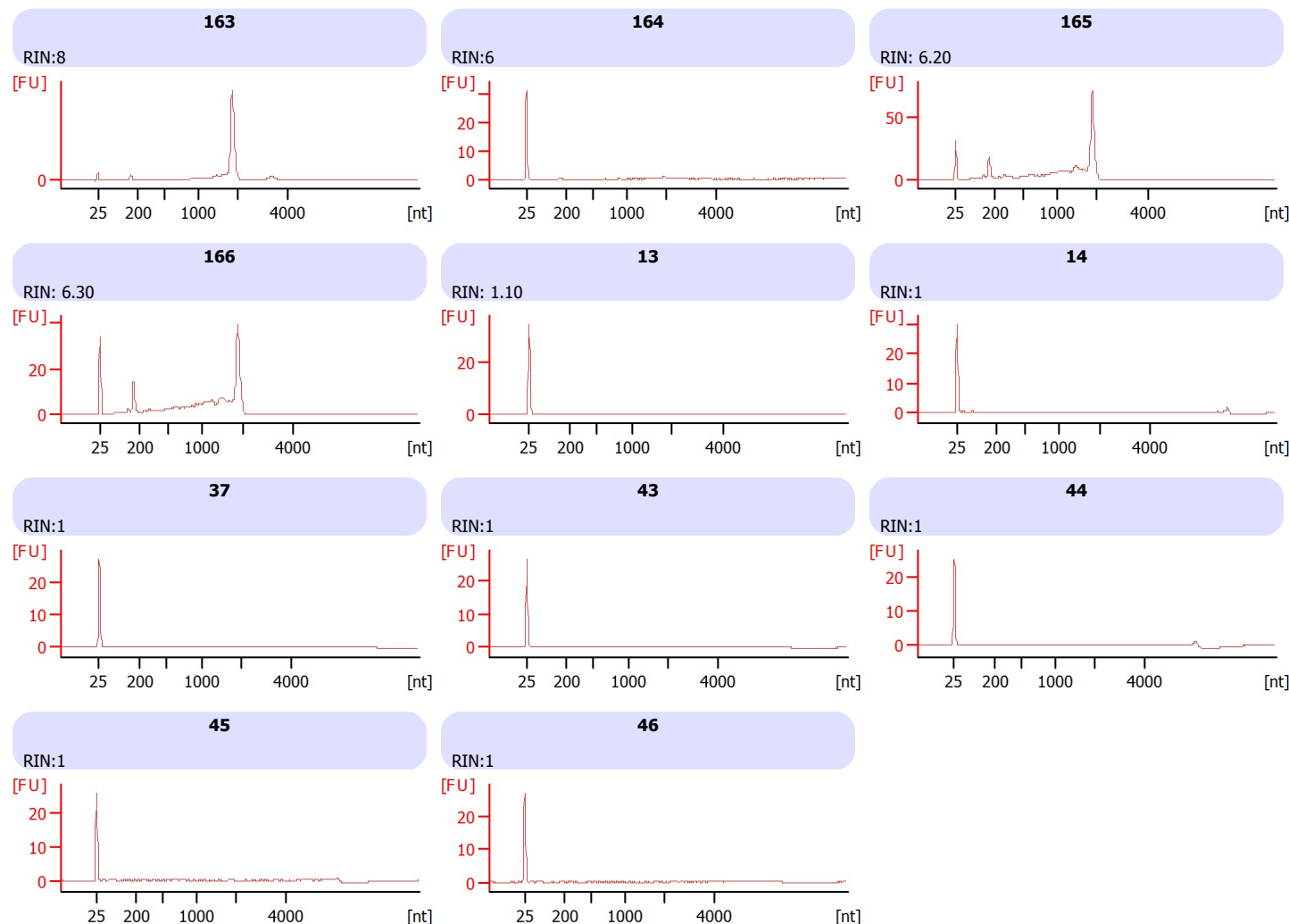
Instrument Name: Bioanalyzer  
Serial#: DE20901668  
Firmware: C.01.069  
Type: G2938B

### 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\_2016-01-29\_13-11-42.xad

Created: 1/29/2016 1:11:41 PM  
Modified: 1/29/2016 3:36:02 PM

# Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
163		✓	RIN:8	
164		✓	RIN:6	
165		✓	RIN: 6.20	
166		✓	RIN: 6.30	
13		✓	RIN: 1.10	
14		✓	RIN:1	
37		✓	RIN:1	
43		✓	RIN:1	
44		✓	RIN:1	
45		✓	RIN:1	
46		✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

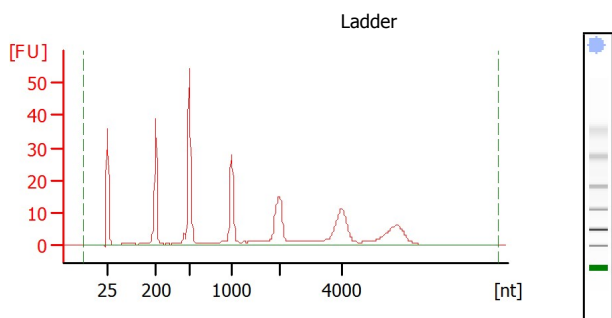
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-29\_13-11-42.xad

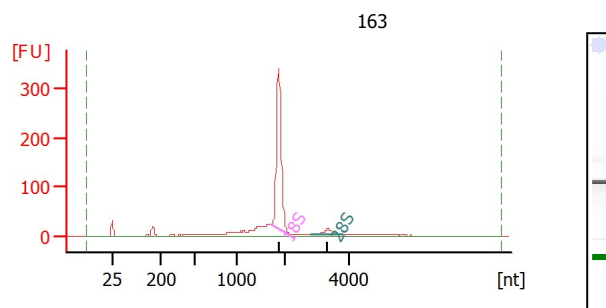
Created: 1/29/2016 1:11:41 PM  
Modified: 1/29/2016 3:36:02 PM

## Electropherogram Summary



### Overall Results for Ladder

RNA Area: 312.1  
RNA Concentration: 1,000 pg/μl  
Result Flagging Color:    
Result Flagging Label: All Other Samples

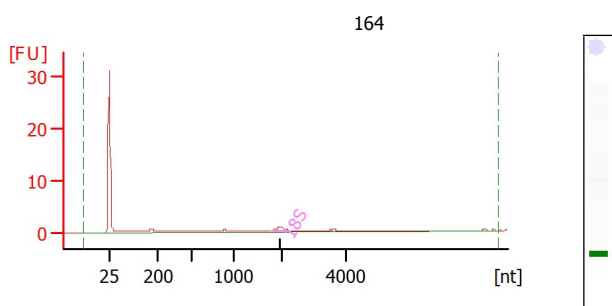


### Overall Results for sample 1 : 163

RNA Area: 986.5  
RNA Concentration: 3,161 pg/μl  
rRNA Ratio [28s / 18s]: 0.1  
RNA Integrity Number (RIN): 8 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:8

### Fragment table for sample 1 : 163

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,698	2,124	498.7	50.5
28S	2,781	3,812	29.3	3.0

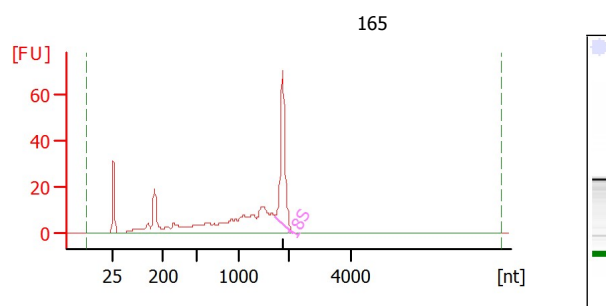


### Overall Results for sample 2 : 164

RNA Area: 20.2  
RNA Concentration: 65 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 6 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:6

### Fragment table for sample 2 : 164

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,759	2,245	1.2	6.2



### Overall Results for sample 3 : 165

RNA Area: 355.0  
RNA Concentration: 1,138 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 6.2 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN: 6.20

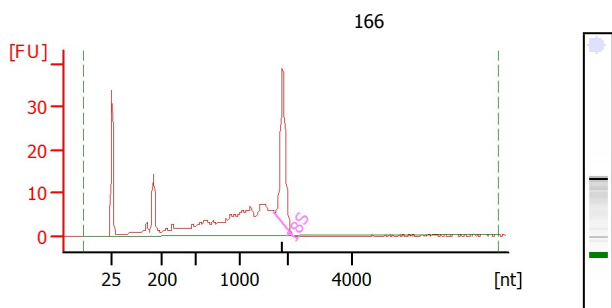
### Fragment table for sample 3 : 165

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,728	2,140	95.7	27.0

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-29\_13-11-42.xad

Created: 1/29/2016 1:11:41 PM  
Modified: 1/29/2016 3:36:02 PM

# Electropherogram Summary Continued ...



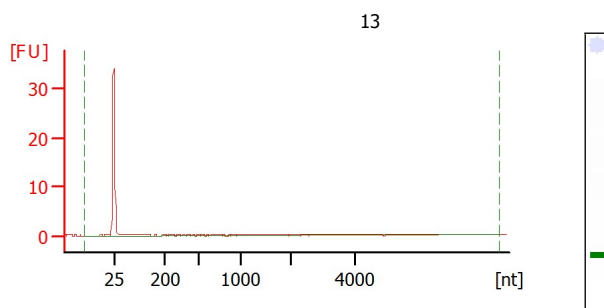
## Overall Results for sample 4 : 166

RNA Area: 242.2  
RNA Concentration: 776 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 6.3 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN: 6.30

## Fragment table for sample 4 : 166

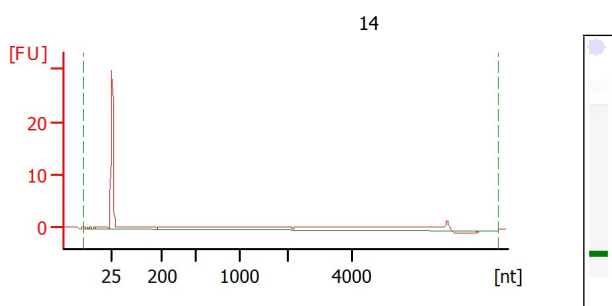
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
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18S	1,725	2,130	54.7	22.6
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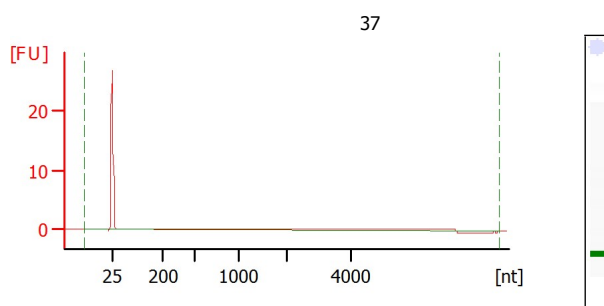
## Overall Results for sample 5 : 13

RNA Area: 2.3  
RNA Concentration: 7 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1.1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN: 1.10



## Overall Results for sample 6 : 14

RNA Area: 25.1  
RNA Concentration: 81 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:1



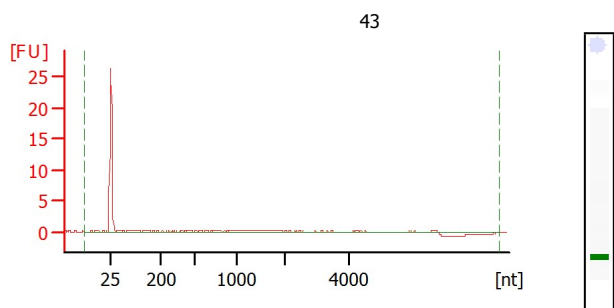
## Overall Results for sample 7 : 37

RNA Area: 20.0  
RNA Concentration: 64 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...Eukaryote Total RNA Pico\_DE20901668\_2016-01-29\_13-11-42.xad

Created: 1/29/2016 1:11:41 PM  
Modified: 1/29/2016 3:36:02 PM

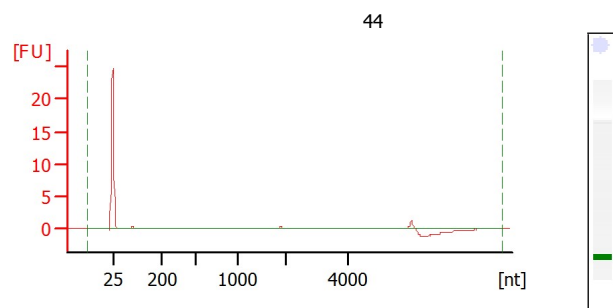
# Electropherogram Summary Continued ...



## Overall Results for sample 8 :

43

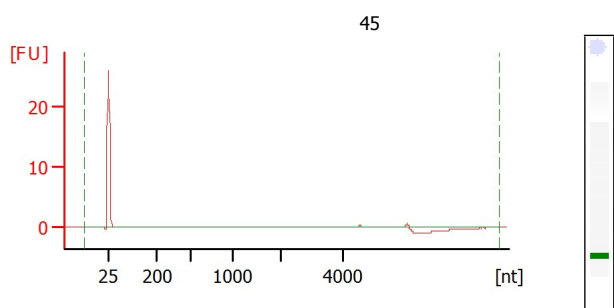
RNA Area: 14.0  
RNA Concentration: 45 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:1



## Overall Results for sample 9 :

44

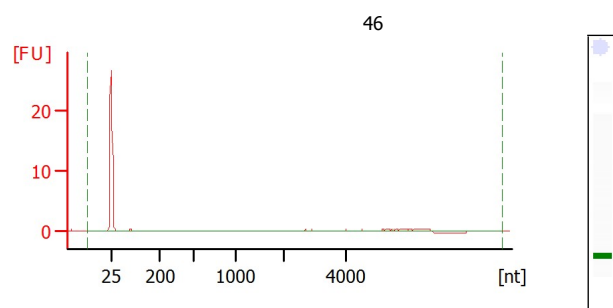
RNA Area: 9.6  
RNA Concentration: 31 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:1



## Overall Results for sample 10 :

45

RNA Area: 5.1  
RNA Concentration: 16 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:1



## Overall Results for sample 11 :

46

RNA Area: 3.6  
RNA Concentration: 11 pg/μl  
rRNA Ratio [28s / 18s]: 0.0  
RNA Integrity Number (RIN): 1 (B.02.08, Anomaly Threshold(s) manually adapted)  
Result Flagging Color:    
Result Flagging Label: RIN:1