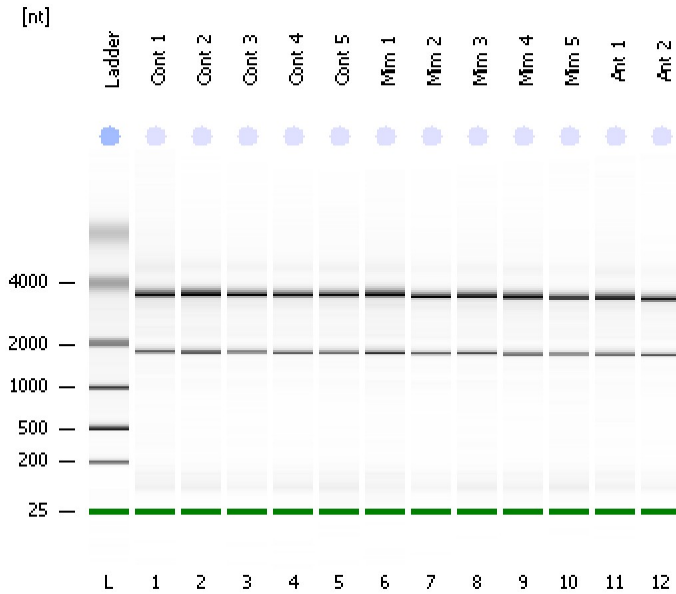


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**Electrophoresis File Run Summary**



Instrument Information:

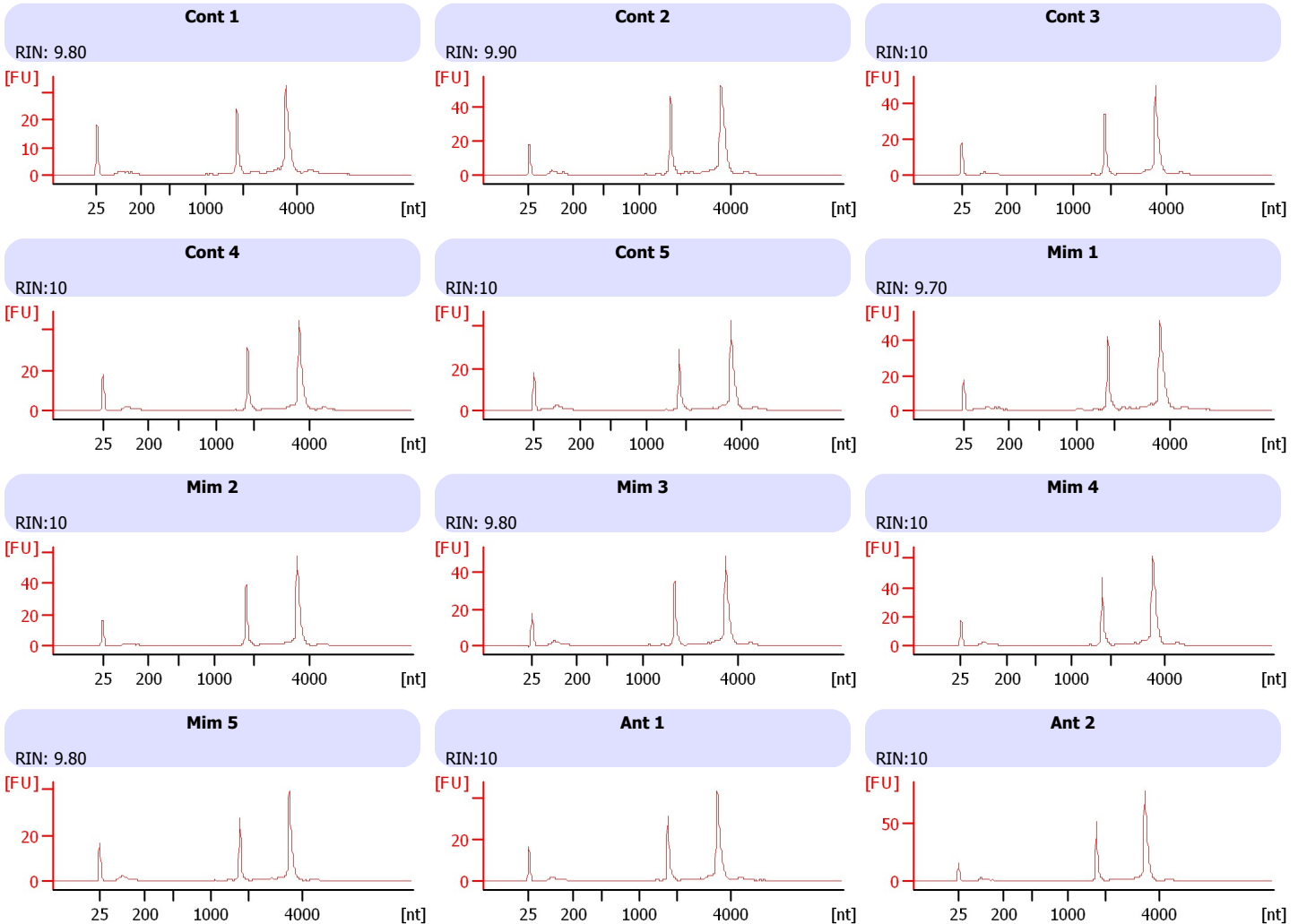
Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\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:



Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
 Modified: 2/15/2019 2:10:55 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
Cont 1		✓	RIN: 9.80	
Cont 2		✓	RIN: 9.90	
Cont 3		✓	RIN:10	
Cont 4		✓	RIN:10	
Cont 5		✓	RIN:10	
Mim 1		✓	RIN: 9.70	
Mim 2		✓	RIN:10	
Mim 3		✓	RIN: 9.80	
Mim 4		✓	RIN:10	
Mim 5		✓	RIN: 9.80	
Ant 1		✓	RIN:10	
Ant 2		✓	RIN:10	
Ladder		✓	All Other Samples	

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**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

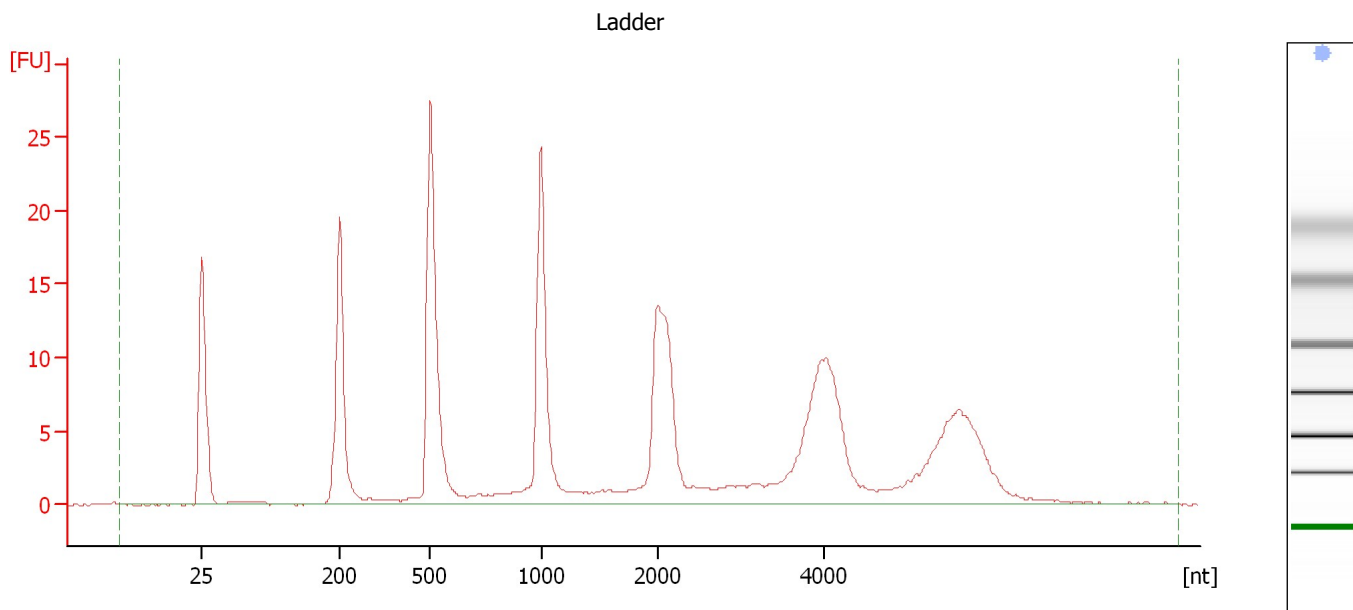
**Ladder**

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

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**Electropherogram Summary**



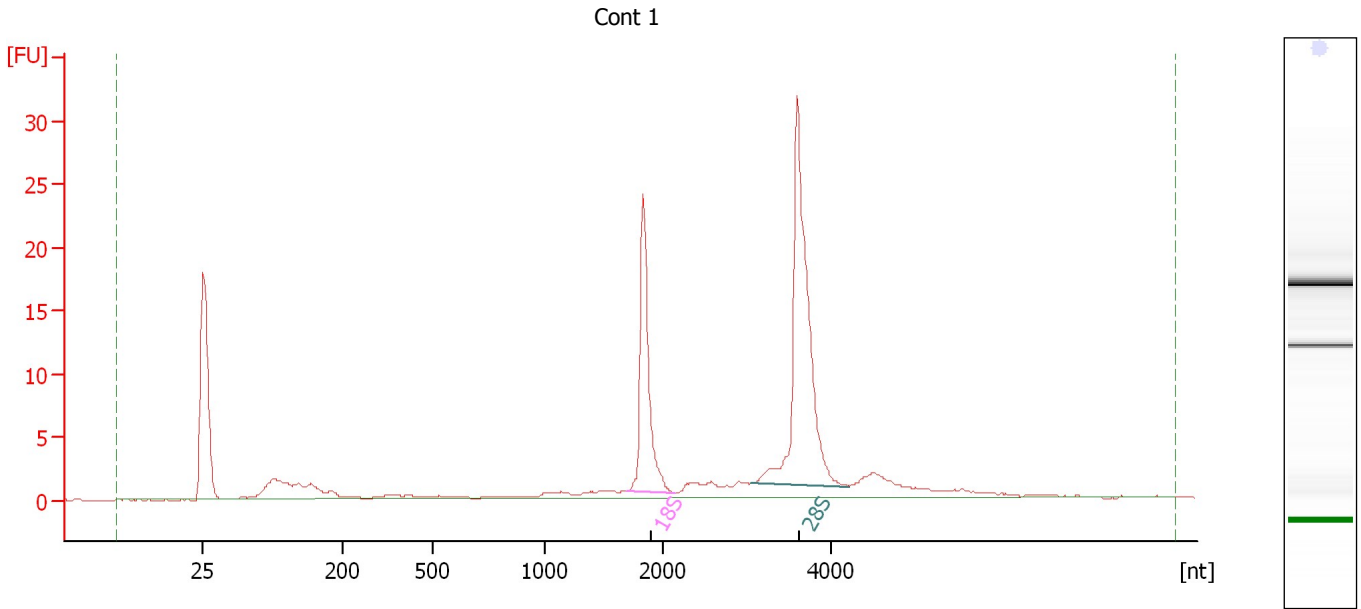
**Overall Results for Ladder**

RNA Area:	234.7	Result Flagging Color:	<span style="background-color: #6699ff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : Cont 1**

RNA Area:	122.1	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	78 ng/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]:	2.0	Result Flagging Label:	RIN: 9.80

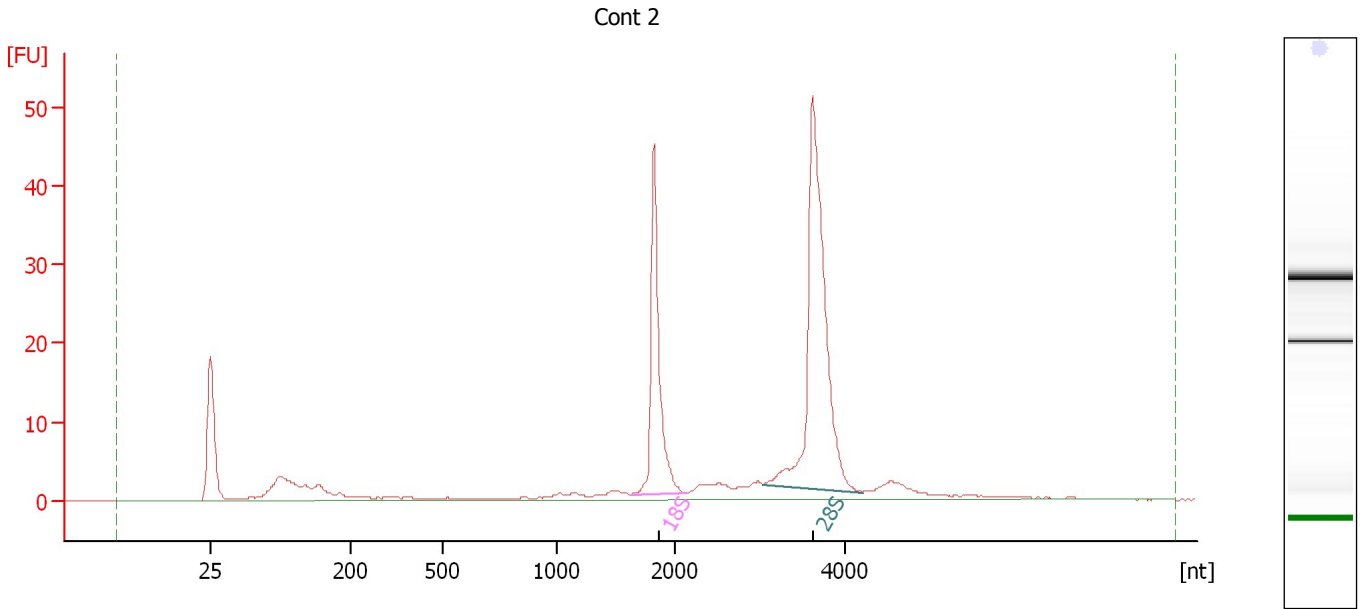
**Fragment table for sample 1 : Cont 1**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,703	2,157	23.2	19.0
28S	3,059	4,228	47.1	38.5

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Cont 2**

RNA Area:	215.9	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	138 ng/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]:	2.0	Result Flagging Label:	RIN: 9.90

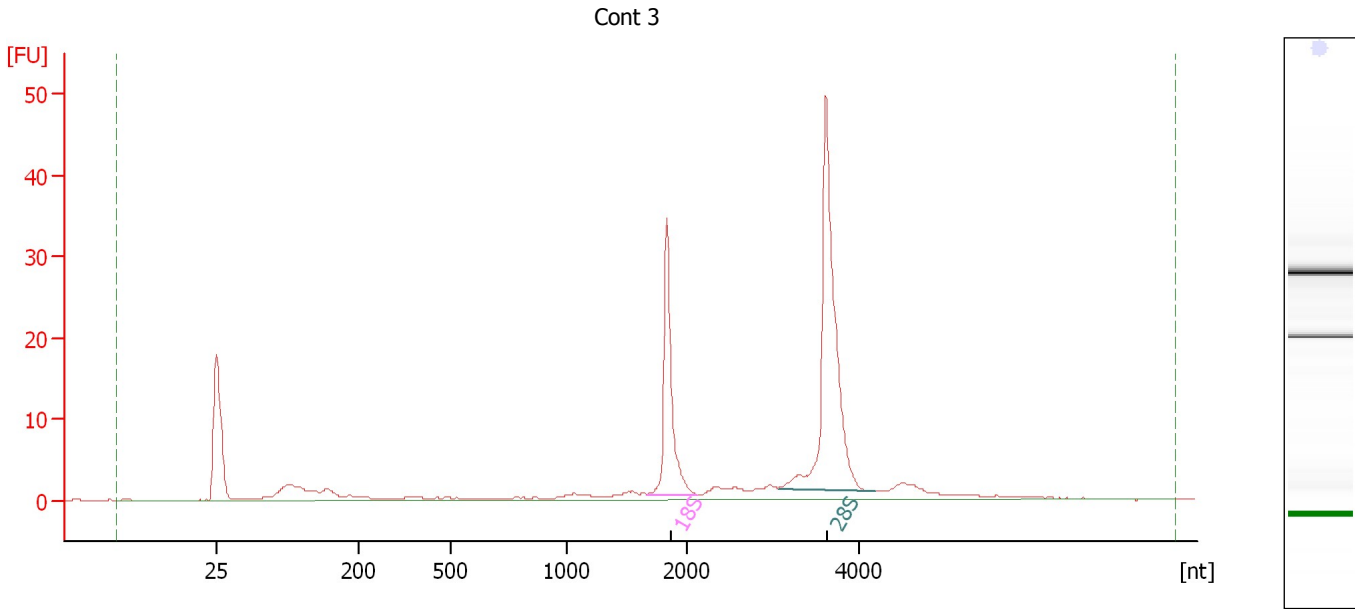
**Fragment table for sample 2 : Cont 2**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,630	2,136	44.1	20.4
28S	3,040	4,207	86.4	40.0

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : Cont 3**

RNA Area:	158.9	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	102 ng/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]:	2.0	Result Flagging Label:	RIN:10

**Fragment table for sample 3 : Cont 3**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,657	2,116	31.7	20.0
28S	3,058	4,186	64.5	40.6

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-15\2019-02-15\_001.xad

Created: 2/15/2019 1:47:07 PM  
Modified: 2/15/2019 2:10:55 PM

**Gel Image**

