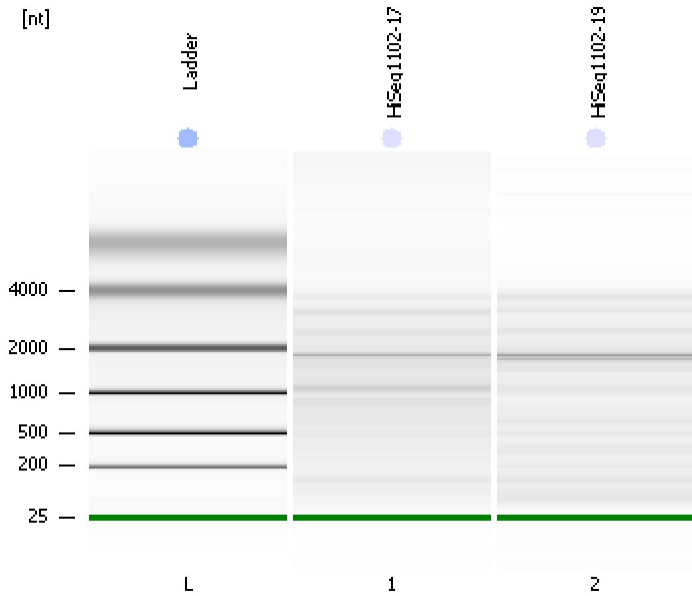


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
Modified: 10/12/2017 1:28:51 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

Assay Information:

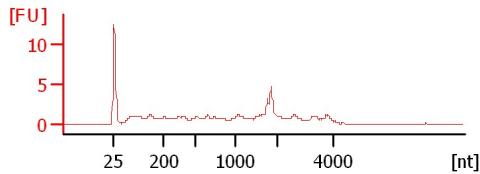
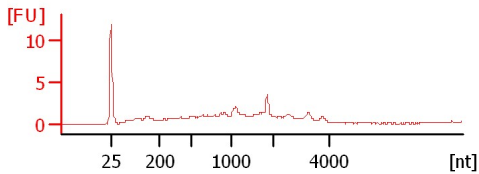
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

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:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
Modified: 10/12/2017 1:28:51 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
HiSeq1102-17		✓	RIN: 4.80	
HiSeq1102-19		✓	RIN: 6.10	
Ladder		✓	All Other Samples	

**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
Modified: 10/12/2017 1:28:51 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

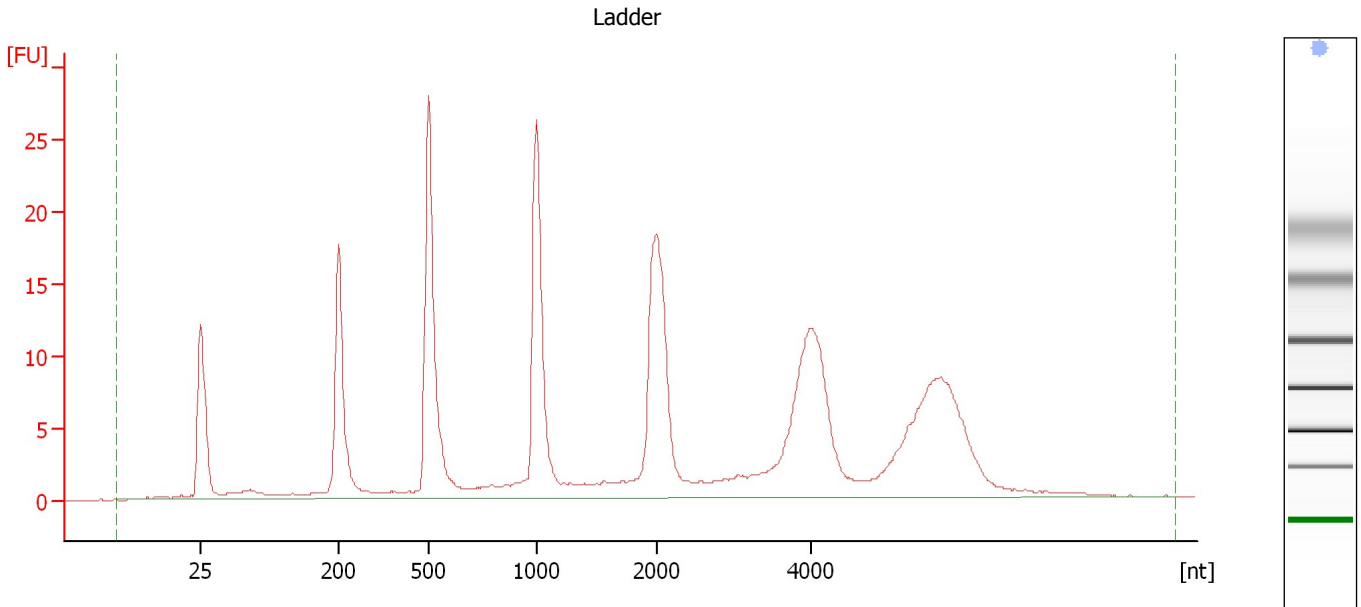
**Ladder**

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

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
Modified: 10/12/2017 1:28:51 PM

**Electropherogram Summary**



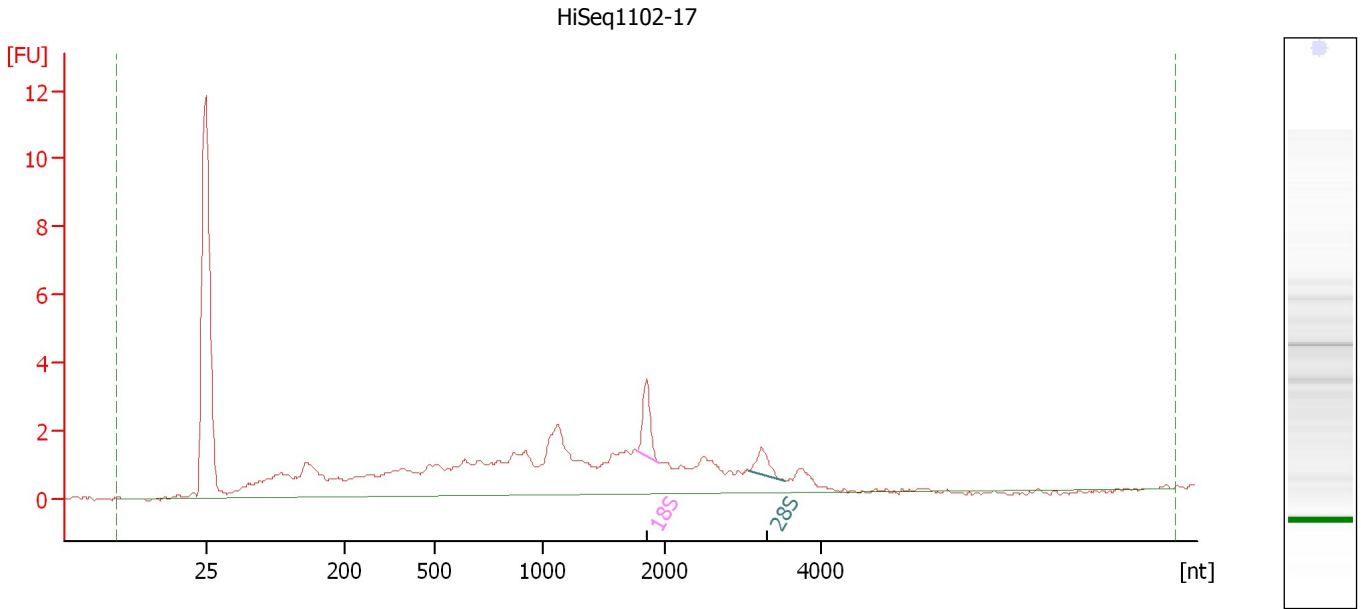
**Overall Results for Ladder**

RNA Area:	276.2	Result Flagging Color:	<span style="background-color: #ADD8E6; 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:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
 Modified: 10/12/2017 1:28:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : HiSeq1102-17**

RNA Area:	61.1	RNA Integrity Number (RIN):	4.8 (B.02.08)
RNA Concentration:	33 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]:	0.5	Result Flagging Label:	RIN: 4.80

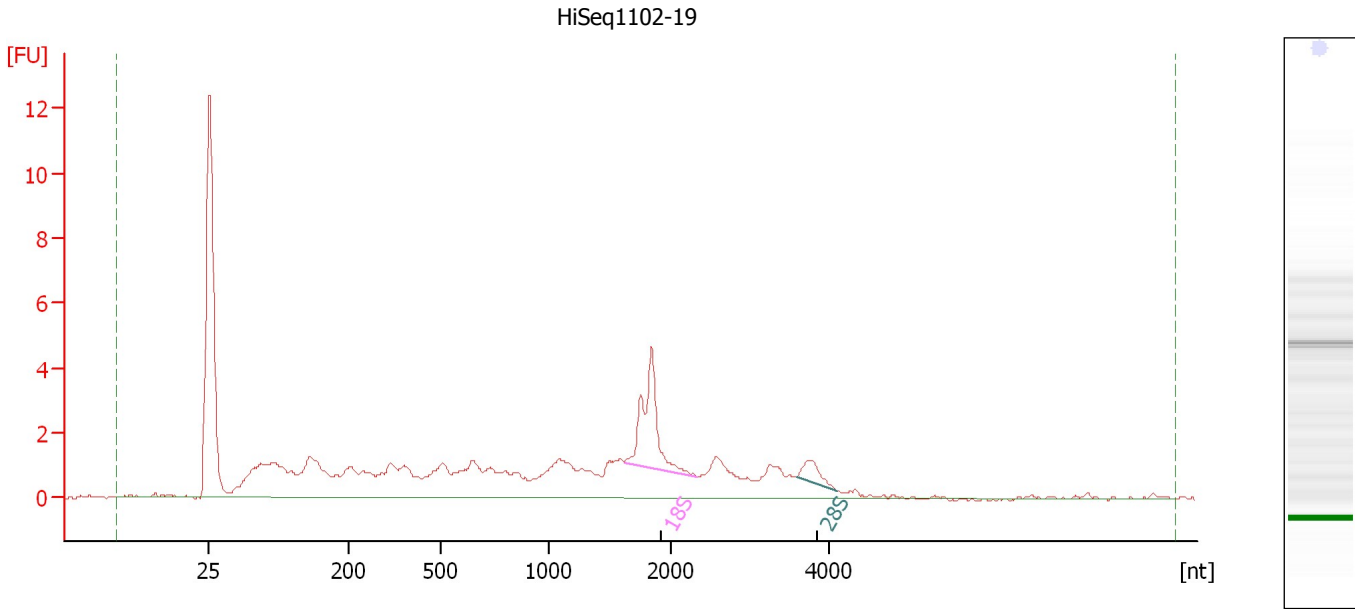
**Fragment table for sample 1 : HiSeq1102-17**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,775	1,950	2.0	3.2
28S	3,085	3,550	1.0	1.7

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
Modified: 10/12/2017 1:28:51 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : HiSeq1102-19**

RNA Area: 71.9                      RNA Integrity Number (RIN): 6.1 (B.02.08)  
RNA Concentration: 39 ng/μl              Result Flagging Color:   
rRNA Ratio [28s / 18s]: 0.2              Result Flagging Label: RIN: 6.10

**Fragment table for sample 2 : HiSeq1102-19**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,621	2,321	6.2	8.7
28S	3,612	4,101	1.2	1.6

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...0 expert\data\2017-10-12\2017-10-12\_003\_HiSeq1102-17\_19.xad

Created: 10/12/2017 12:58:26 PM  
Modified: 10/12/2017 1:28:51 PM

**Gel Image**

