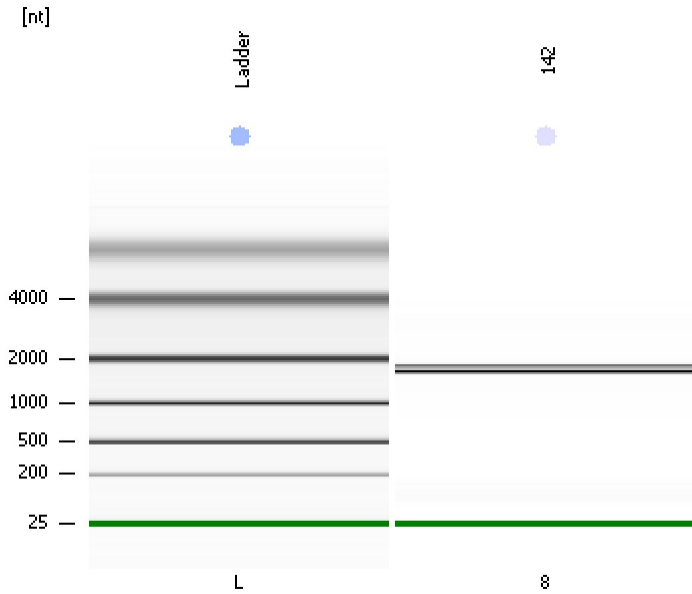


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... expert\data\2018-06-15\2018-06-15\_004\_Oveido\_RNAQC\_142.xad

Created: 6/15/2018 2:54:23 PM  
Modified: 6/15/2018 3:36:03 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

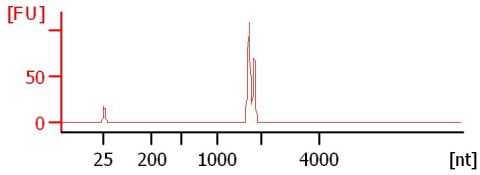
Assay Class: Eukaryote Total RNA Nano  
Version: 2.6  
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

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Chip Information:

Chip Lot #:  
Reagent Kit Lot #:  
Chip Comments:

**142**  
Oveido RNA QC  
RIN: 9.10



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... expert\data\2018-06-15\2018-06-15\_004\_Oveido\_RNAQC\_142.xad

Created: 6/15/2018 2:54:23 PM  
Modified: 6/15/2018 3:36:03 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
142	Oveido RNA QC	✓	RIN: 9.10	
Ladder		✓	All Other Samples	

**Chip Lot #****Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... expert\data\2018-06-15\2018-06-15\_004\_Oveido\_RNAQC\_142.xad

Created: 6/15/2018 2:54:23 PM  
Modified: 6/15/2018 3:36:03 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

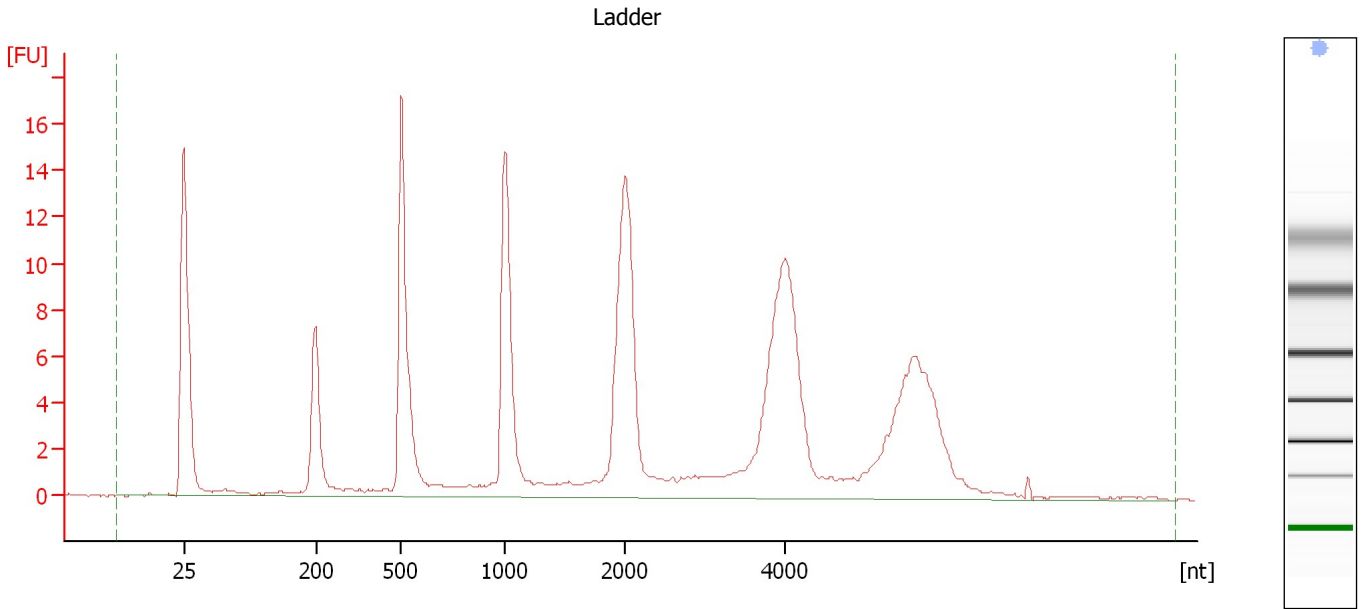
**Ladder**

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

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... expert\data\2018-06-15\2018-06-15\_004\_Oveido\_RNAQC\_142.xad

Created: 6/15/2018 2:54:23 PM  
Modified: 6/15/2018 3:36:03 PM

**Electropherogram Summary**



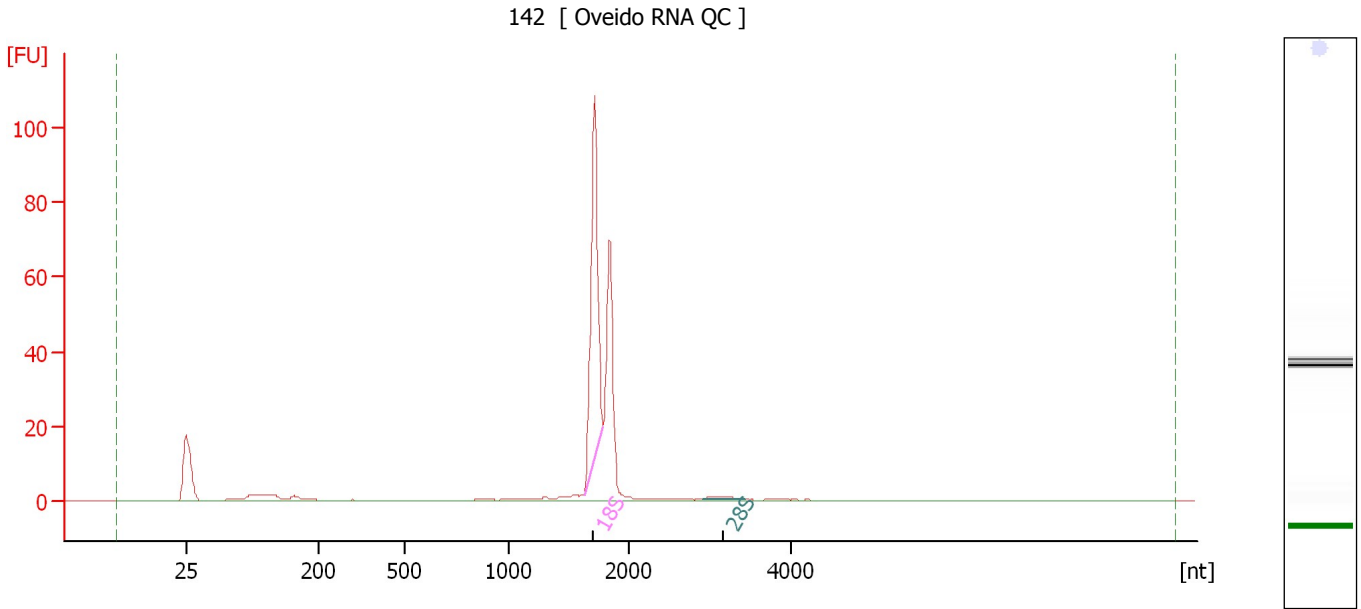
**Overall Results for Ladder**

RNA Area: 178.6      Result Flagging Color:    
RNA Concentration: 150 ng/μl      Result Flagging Label: All Other Samples

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\... expert\data\2018-06-15\2018-06-15\_004\_Oveido\_RNAQC\_142.xad

Created: 6/15/2018 2:54:23 PM  
 Modified: 6/15/2018 3:36:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : 142**

RNA Area:	208.9	RNA Integrity Number (RIN):	9.1 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	175 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]:	0.0	Result Flagging Label:	RIN: 9.10

**Fragment table for sample 8 : 142**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,622	1,781	83.6	40.0
28S	2,905	3,422	1.7	0.8

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\... expert\data\2018-06-15\2018-06-15\_004\_Oveido\_RNAQC\_142.xad

Created: 6/15/2018 2:54:23 PM  
Modified: 6/15/2018 3:36:03 PM

**Gel Image**

