

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...zer\2100 expert\data\2018-03-16\2018-03-16\_003\_SI\_RNAQC.xad

Created: 3/16/2018 12:51:05 PM  
Modified: 3/16/2018 1:22:49 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 Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

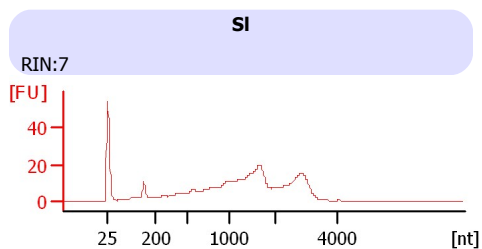
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#### Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



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

Sample Name	Sample Comment	Status	Result Label	Result Color
SI		✓	RIN:7	
Ladder		✓	All Other Samples	

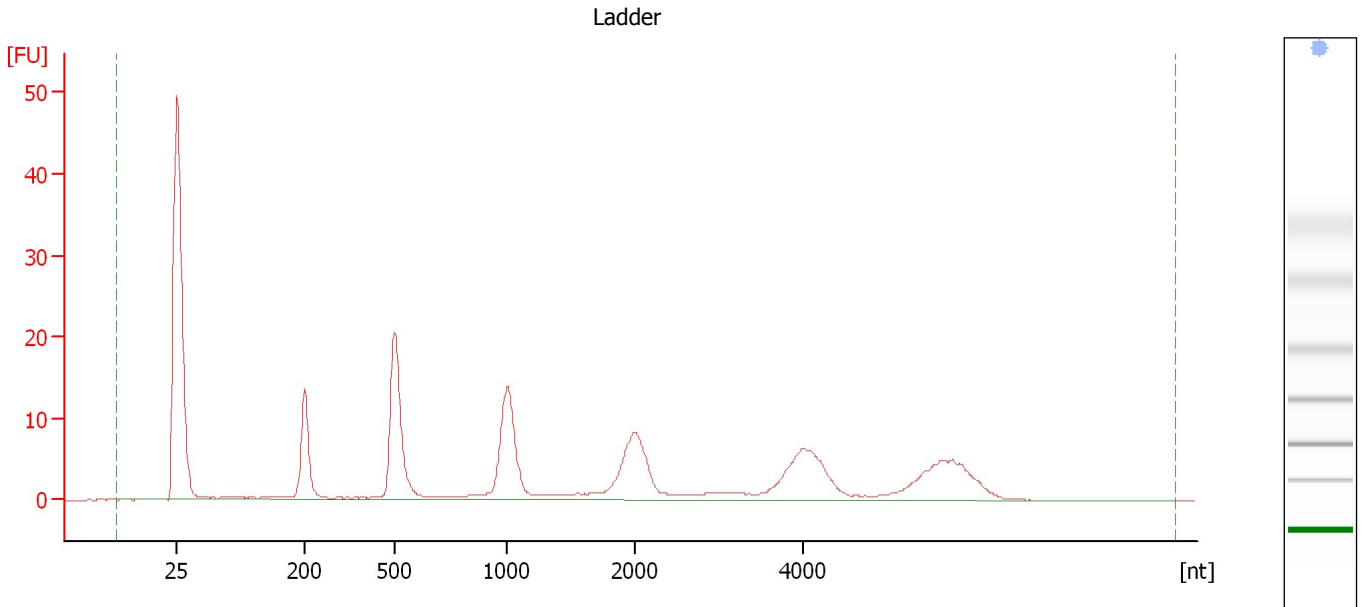
**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

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**Electropherogram Summary**



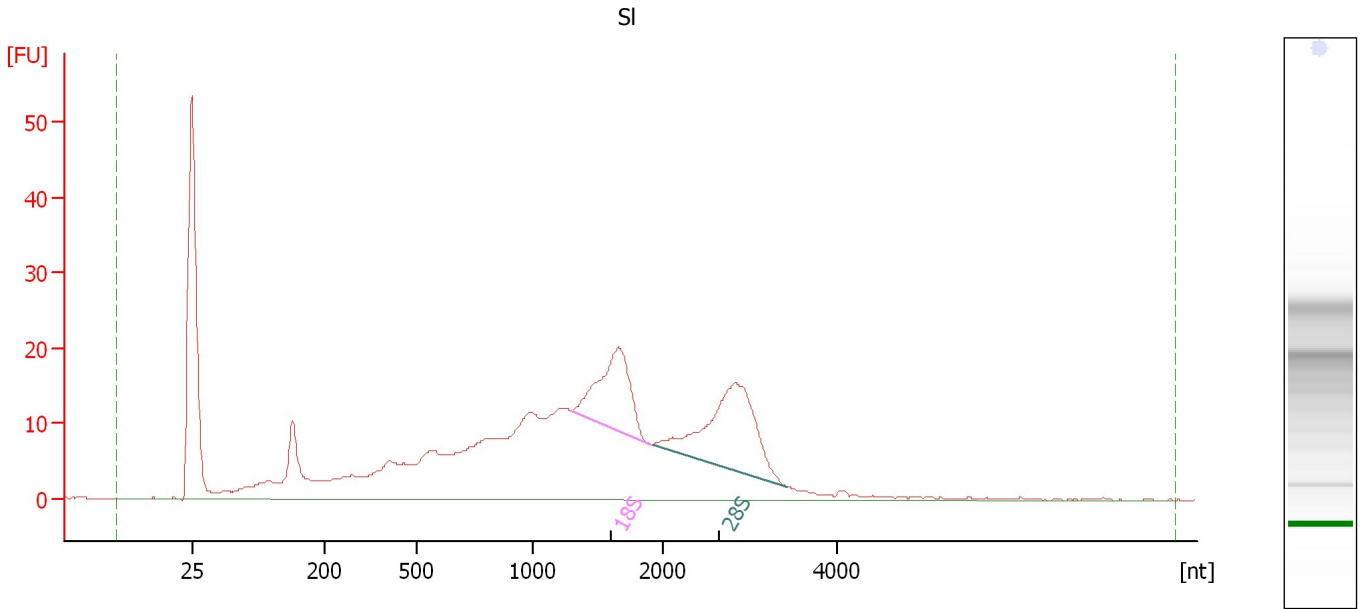
**Overall Results for Ladder**

RNA Area:	194.1	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : SI**

RNA Area:	523.6	RNA Integrity Number (RIN):	7 (B.02.08)
RNA Concentration:	2,697 pg/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]:	1.4	Result Flagging Label:	RIN:7

**Fragment table for sample 2 : SI**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,287	1,906	42.8	8.2
28S	1,923	3,418	61.2	11.7

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**Gel Image**