

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer\2100 expert\data\2018-03-16\2018-03-16_002_JS_RNAQC.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 1:00:05 PM

Electrophoresis File Run Summary

Instrument Information:

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

Assay Information:

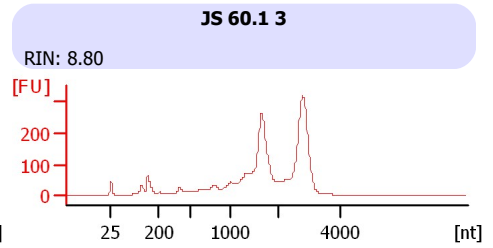
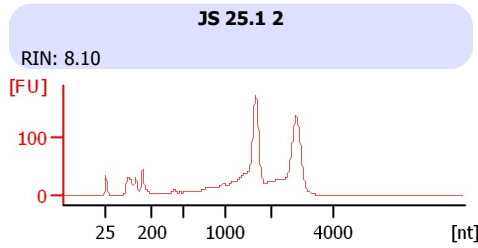
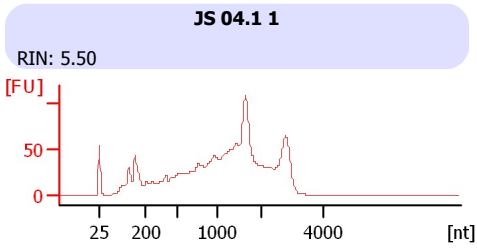
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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
JS 04.1 1		✓	RIN: 5.50	
JS 25.1 2		✓	RIN: 8.10	
JS 60.1 3		✓	RIN: 8.80	
Ladder		✓	All Other Samples	

Chip Lot #

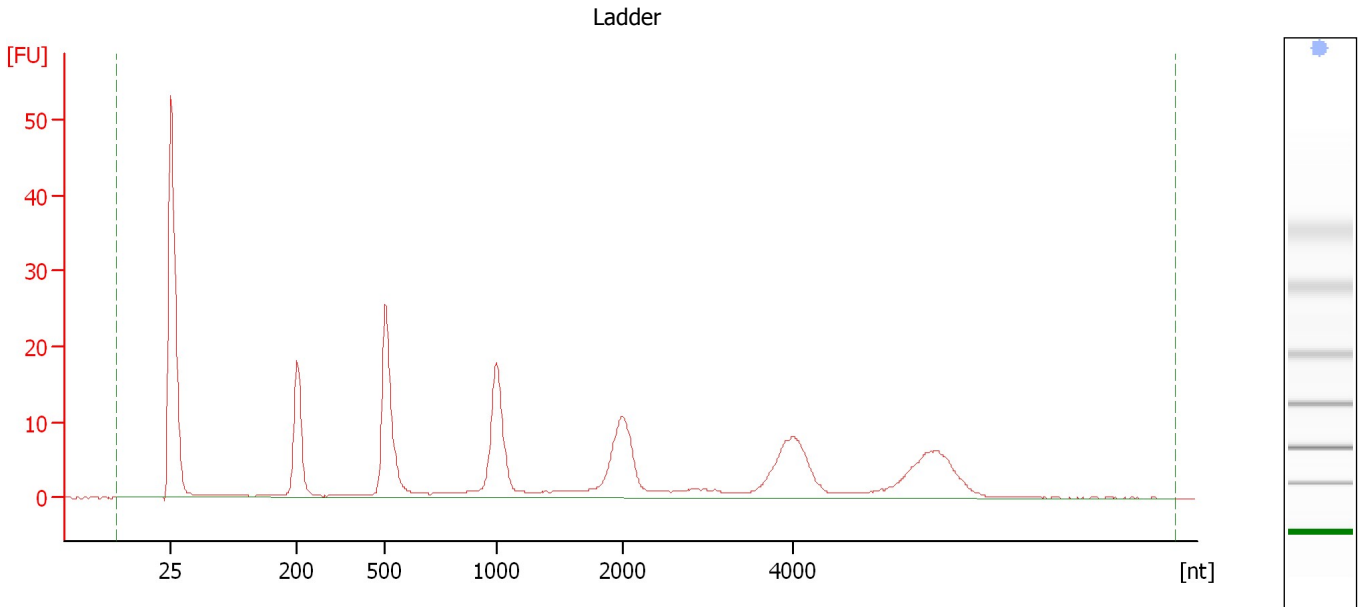
Reagent Kit Lot #

Chip Comments :

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Electropherogram Summary



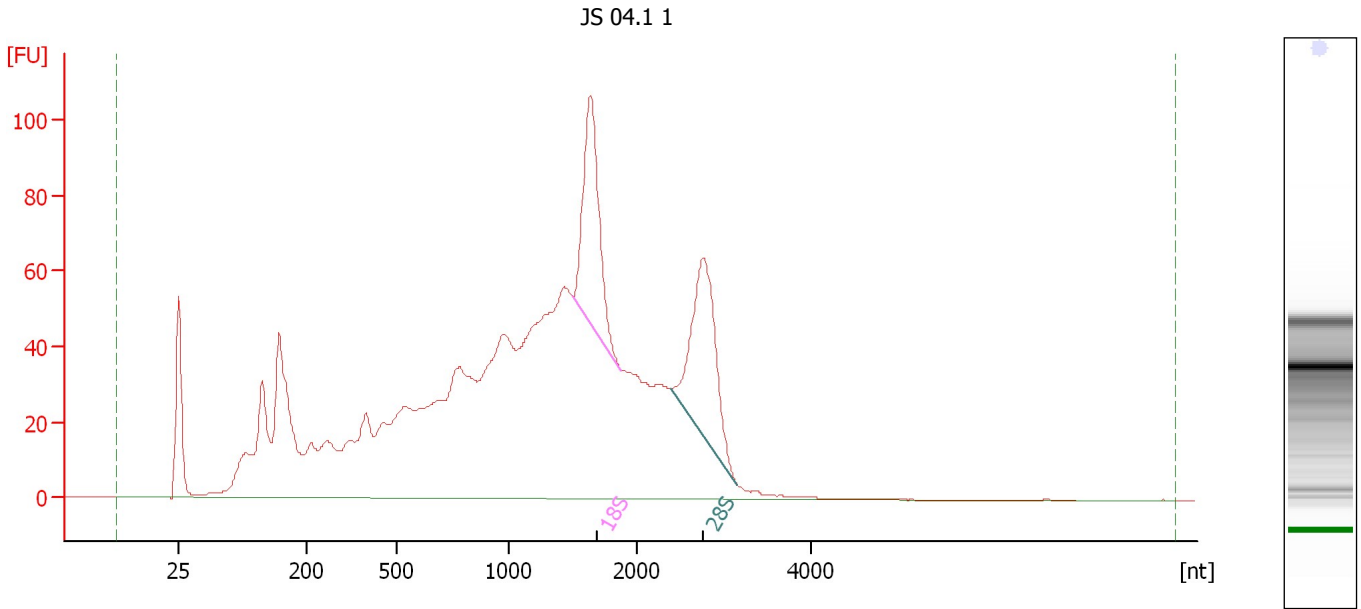
Overall Results for Ladder

RNA Area:	225.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

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Electropherogram Summary Continued ...



Overall Results for sample 1 : JS 04.1 1

RNA Area: 2,060.2 RNA Integrity Number (RIN): 5.5 (B.02.08)
RNA Concentration: 9,148 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.0 Result Flagging Label: RIN: 5.50

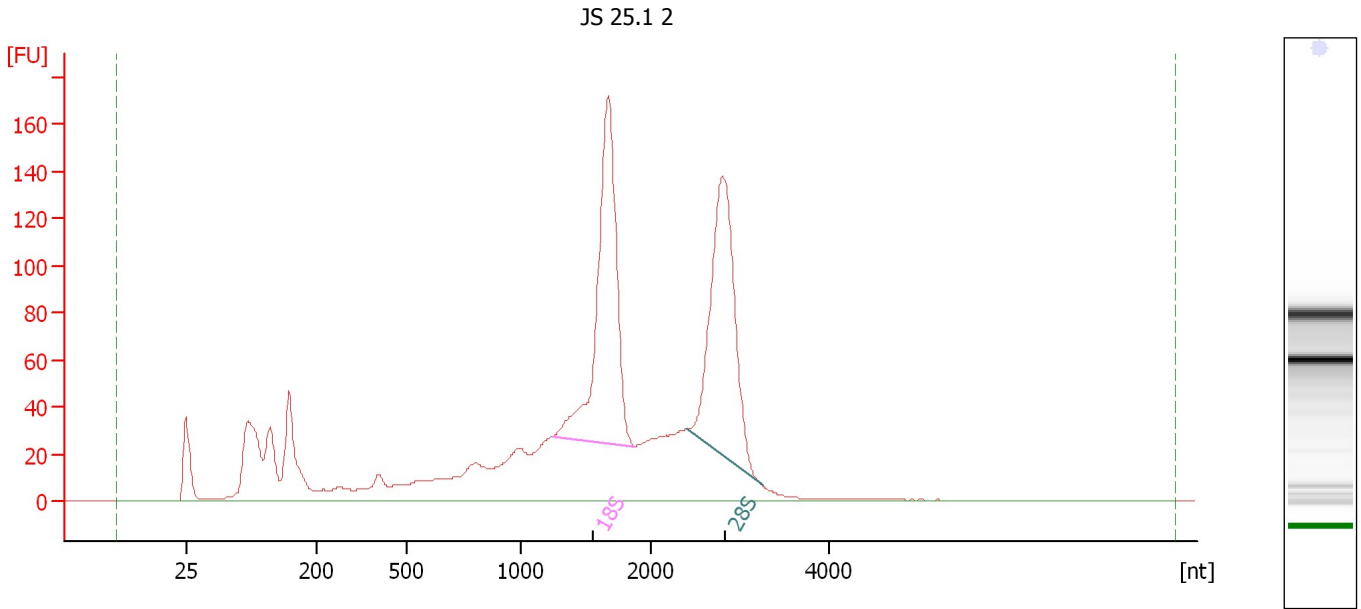
Fragment table for sample 1 : JS 04.1 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,501	1,869	124.3	6.0
28S	2,385	3,160	130.5	6.3

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Electropherogram Summary Continued ...



Overall Results for sample 2 : JS 25.1 2

RNA Area: 1,849.7 RNA Integrity Number (RIN): 8.1 (B.02.08)
RNA Concentration: 8,213 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.9 Result Flagging Label: RIN: 8.10

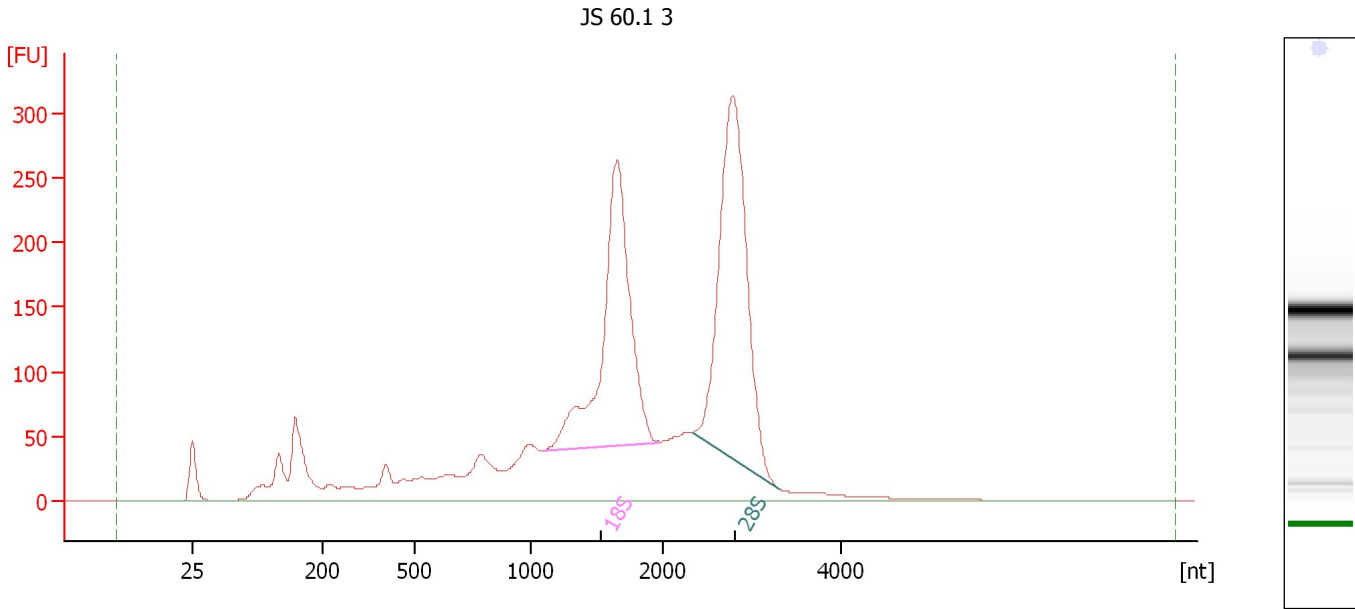
Fragment table for sample 2 : JS 25.1 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,241	1,865	360.0	19.5
28S	2,407	3,255	325.2	17.6

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Electropherogram Summary Continued ...



Overall Results for sample 3 : JS 60.1 3

RNA Area:	3,541.8	RNA Integrity Number (RIN):	8.8 (B.02.08)
RNA Concentration:	15,727 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 8.80

Fragment table for sample 3 : JS 60.1 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,096	1,982	764.7	21.6
28S	2,345	3,316	862.3	24.3

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