

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2018-03-16\2018-03-16_002_QC250.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 1:00:27 PM

Electrophoresis File Run Summary

Instrument Information:

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

Assay Information:

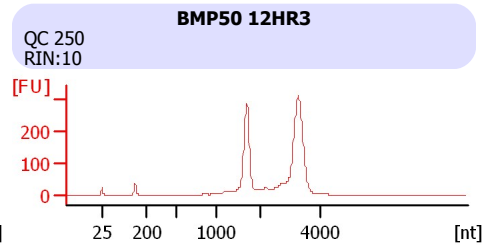
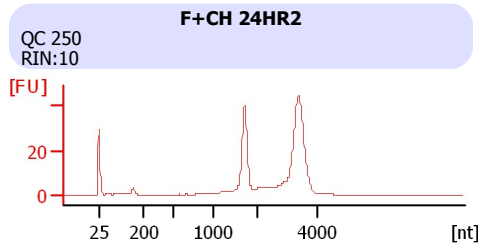
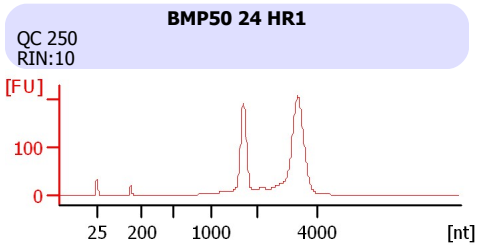
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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
BMP50 24 HR1	QC 250	✓	RIN:10	
F+CH 24HR2	QC 250	✓	RIN:10	
BMP50 12HR3	QC 250	✓	RIN:10	
Ladder		✓	All Other Samples	

Chip Lot #

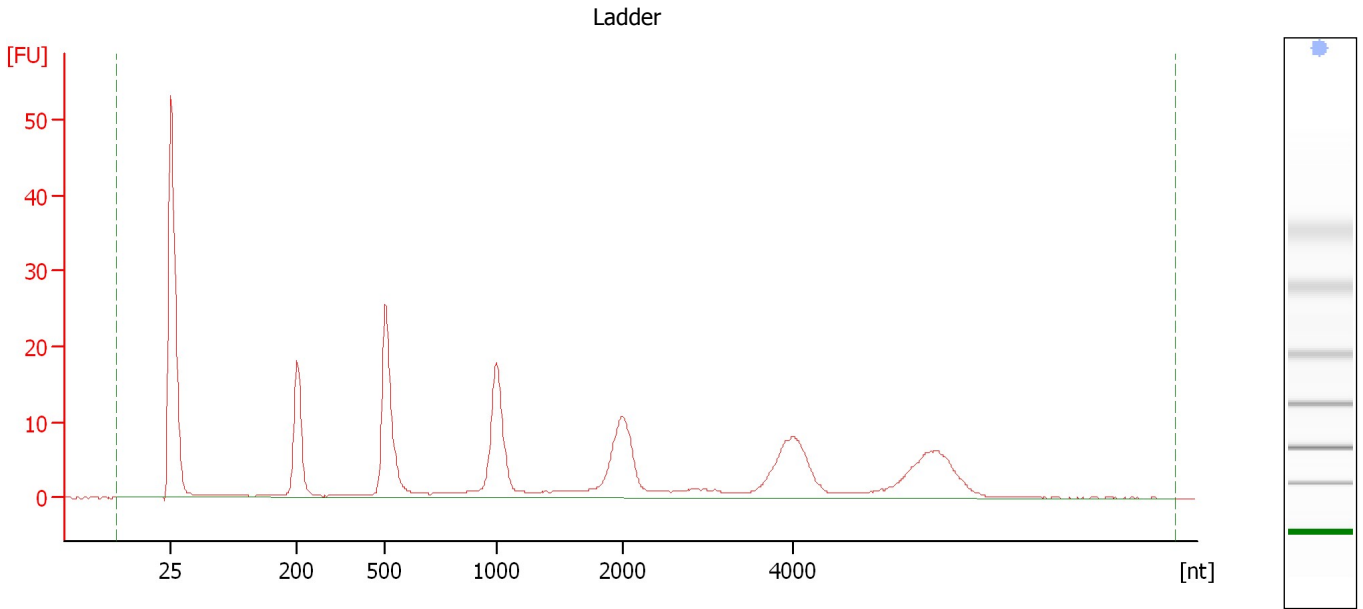
Reagent Kit Lot #

Chip Comments :

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Electropherogram Summary



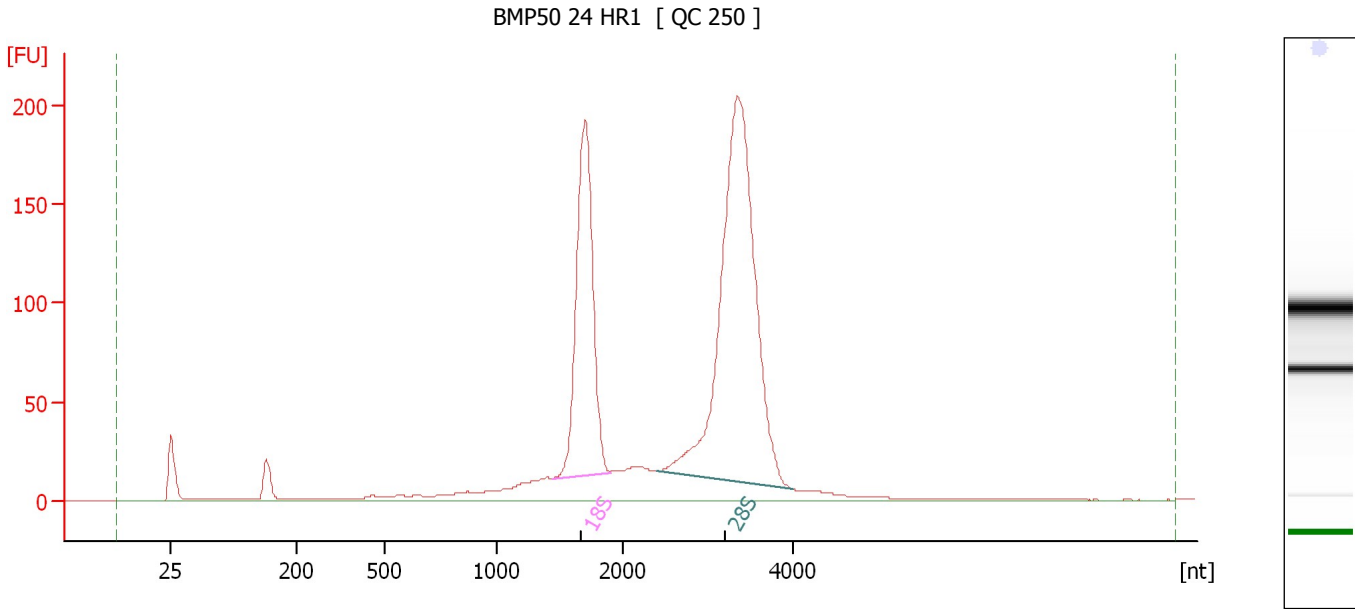
Overall Results for Ladder

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 9 : BMP50 24 HR1

RNA Area: 1,624.5 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 7,213 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN:10

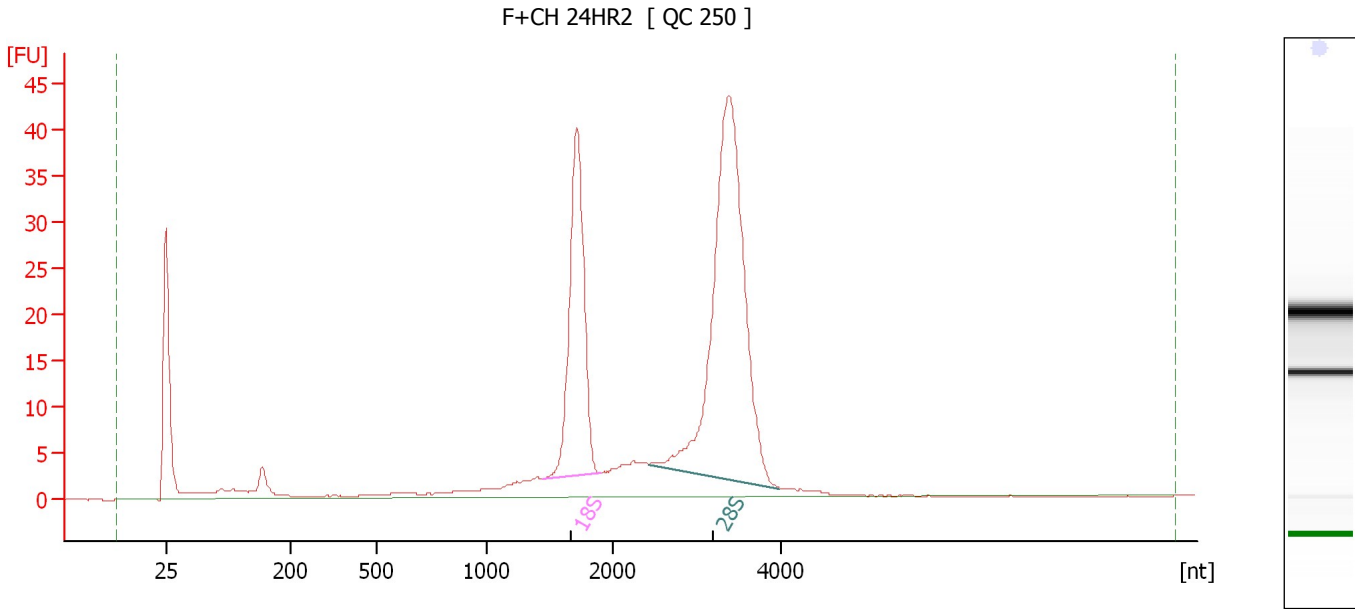
Fragment table for sample 9 : BMP50 24 HR1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,449	1,906	384.3	23.7
28S	2,412	3,987	746.9	46.0

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Electropherogram Summary Continued ...



Overall Results for sample 10 : F+CH 24HR2

RNA Area:	327.7	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	1,455 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN:10

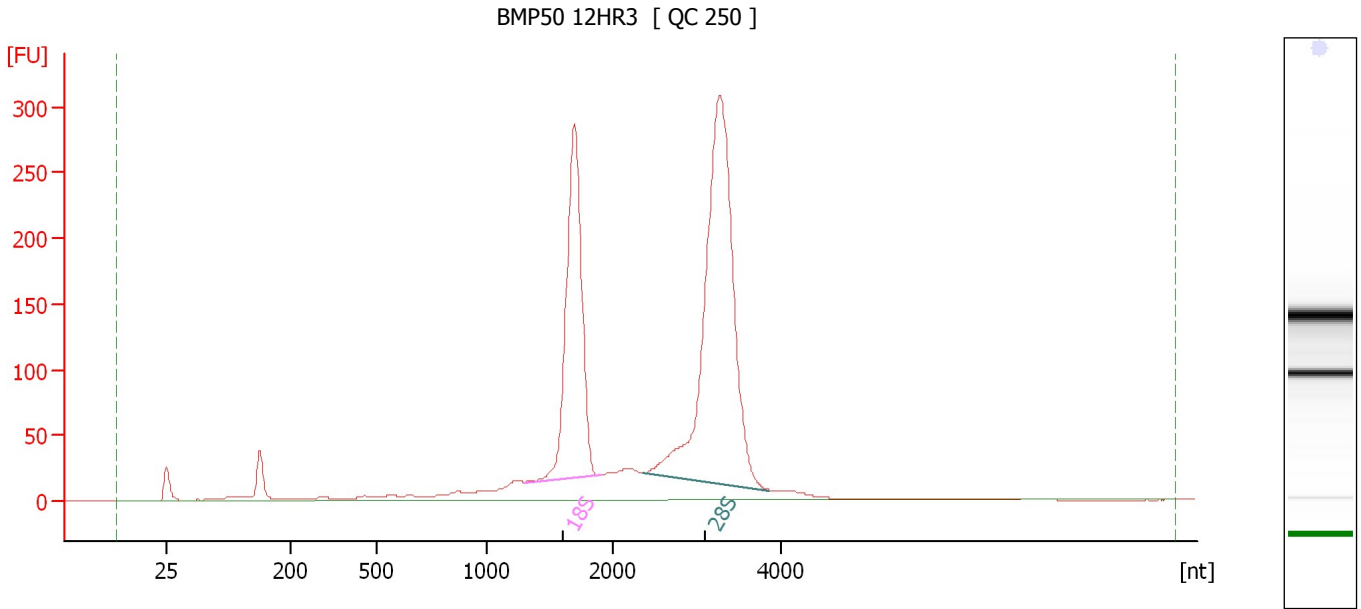
Fragment table for sample 10 : F+CH 24HR2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,449	1,912	71.9	21.9
28S	2,439	3,982	144.9	44.2

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Electropherogram Summary Continued ...



Overall Results for sample 11 : BMP50 12HR3

RNA Area:	2,202.1	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	9,778 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN:10

Fragment table for sample 11 : BMP50 12HR3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,303	1,903	546.6	24.8
28S	2,376	3,868	958.8	43.5

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