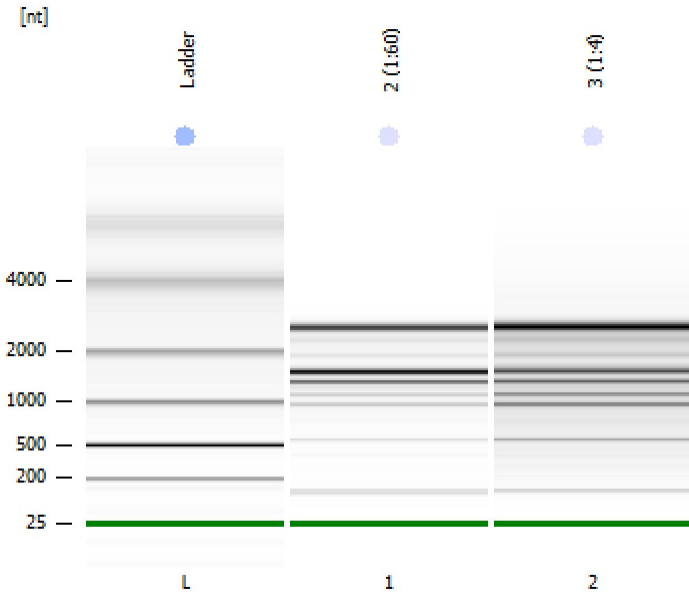


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

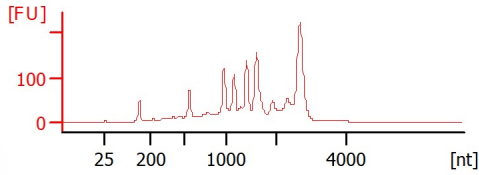
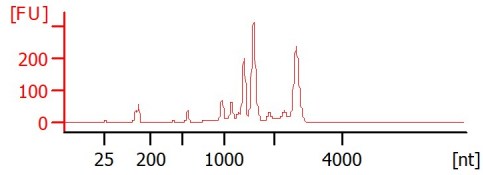
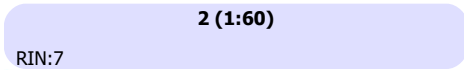
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
2 (1:60)		✓	RIN:7	
3 (1:4)		✓	RIN: 6.80	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

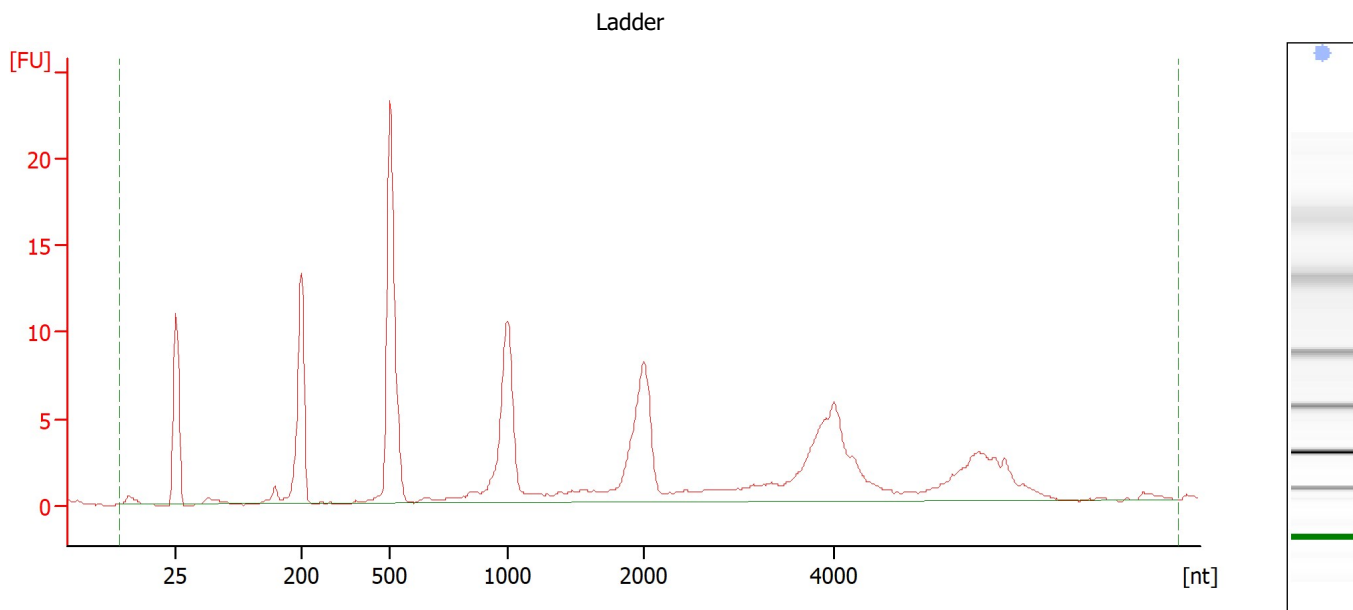
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Electropherogram Summary



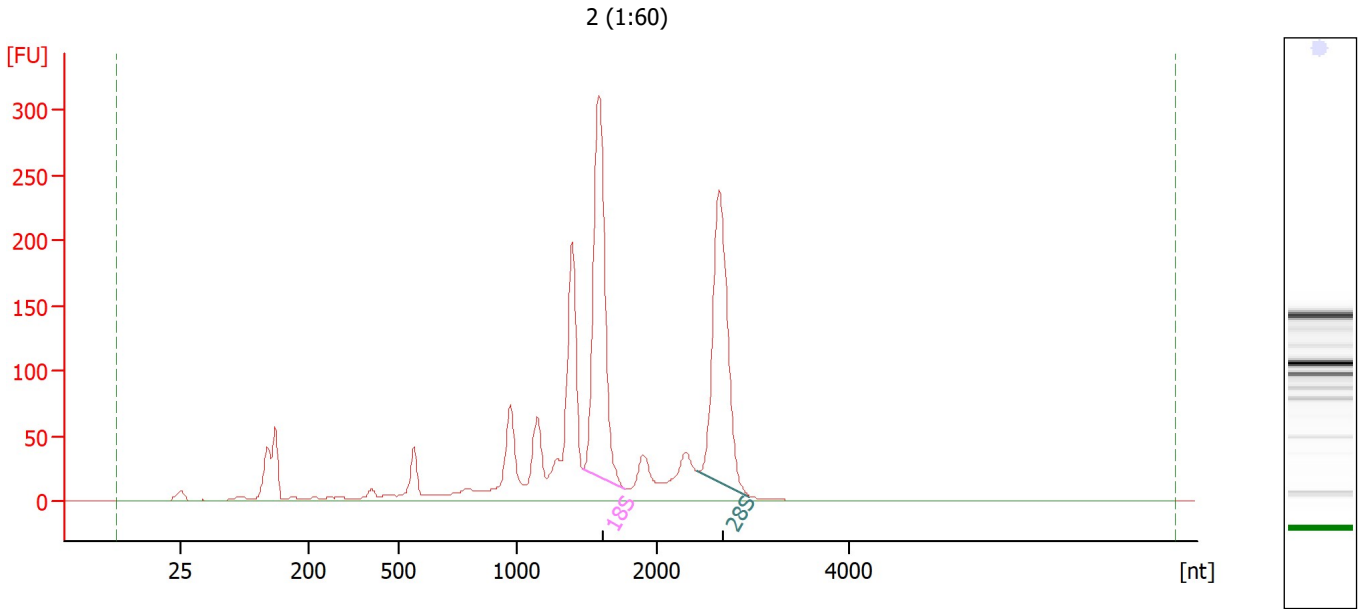
Overall Results for Ladder

RNA Area:	143.3	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 2 (1:60)

RNA Area: 1,932.1 RNA Integrity Number (RIN): 7 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration: 13,479 pg/μl
rRNA Ratio [28s / 18s]: 0.9
Result Flagging Color:
Result Flagging Label: RIN:7

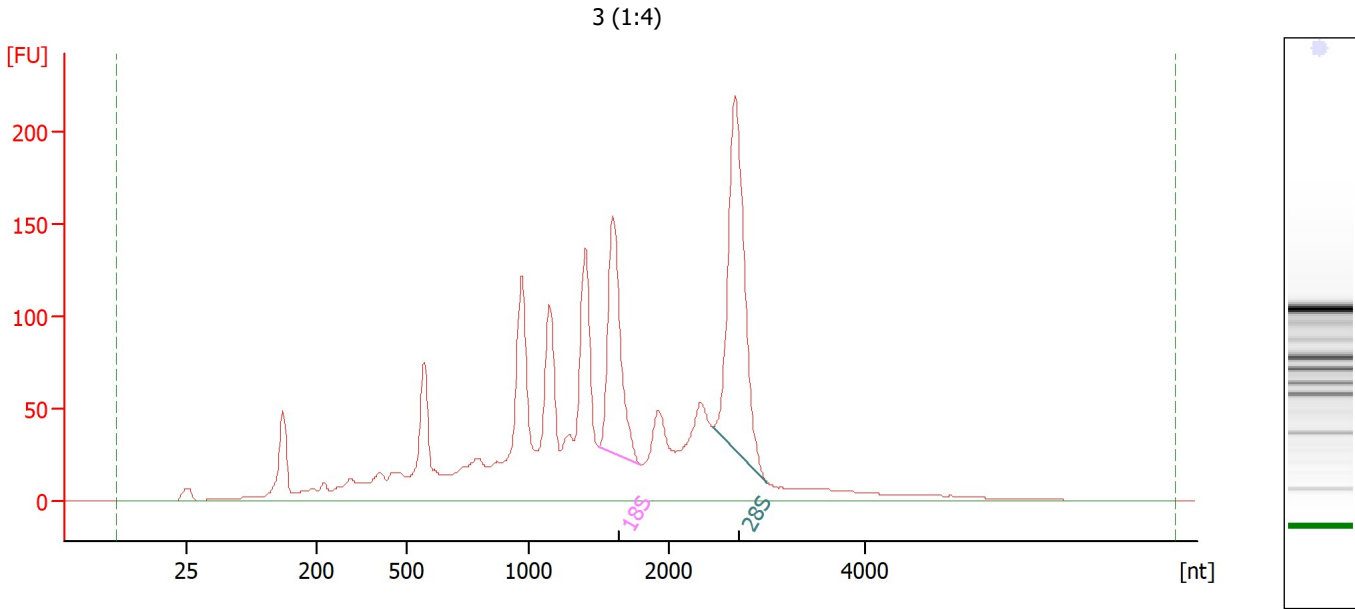
Fragment table for sample 1 : 2 (1:60)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,469	1,777	429.8	22.2
28S	2,421	2,963	378.9	19.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : **3 (1:4)**

RNA Area: 2,325.1 RNA Integrity Number (RIN): 6.8 (B.02.10)
RNA Concentration: 16,221 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.7 Result Flagging Label: RIN: 6.80

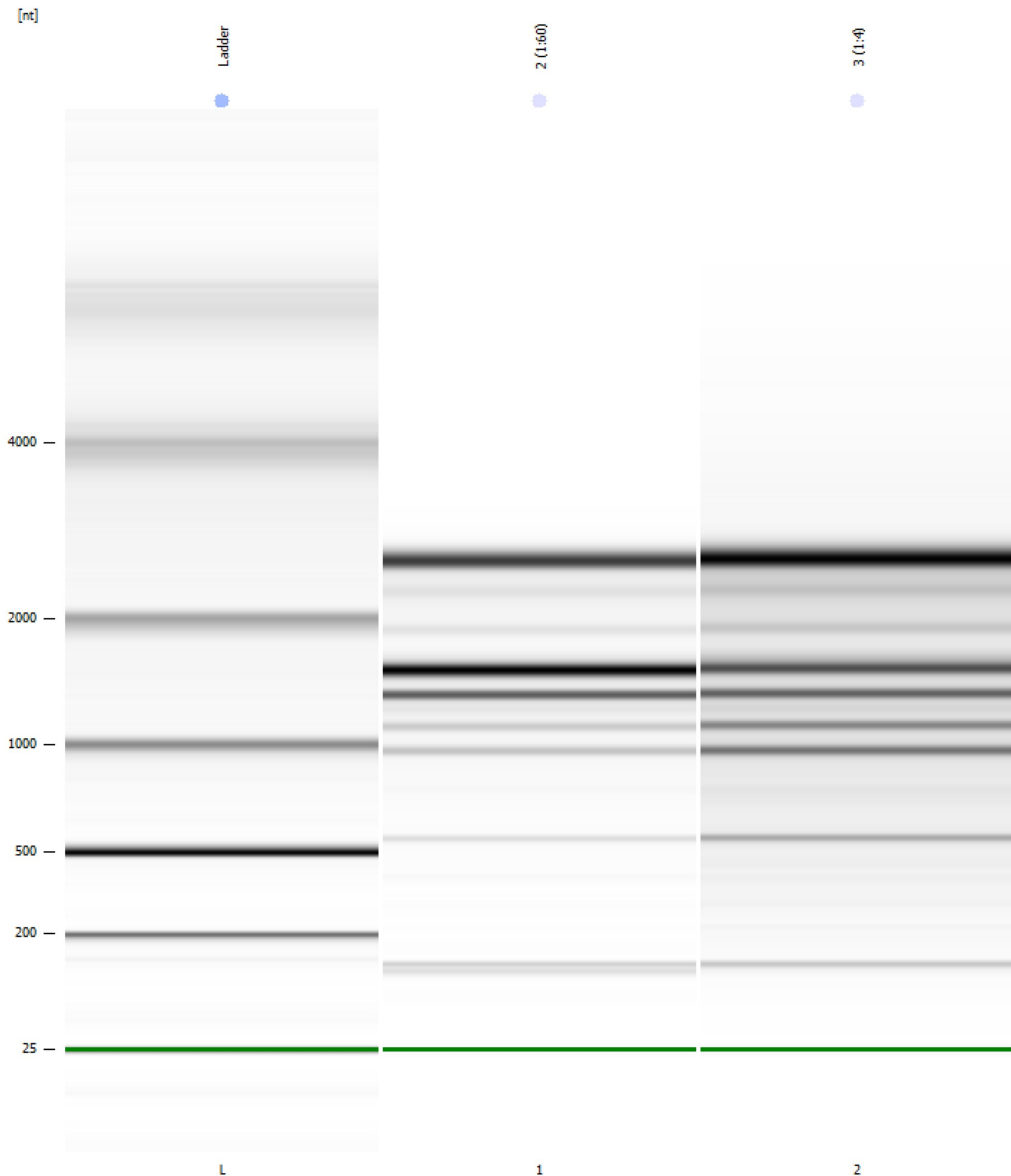
Fragment table for sample 2 : **3 (1:4)**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,500	1,796	200.5	8.6
28S	2,438	3,005	346.8	14.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
Modified: 9/23/2024 5:47:17 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...alyzer\2100 expert\data\2024-09-23\Strawberry Test CTAB.xad

Created: 9/23/2024 4:52:21 PM
 Modified: 9/23/2024 5:47:17 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		9/23/2024 5:14:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2024-09-23\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2024-09-23_002.xad)		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		9/23/2024 4:52:27 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB