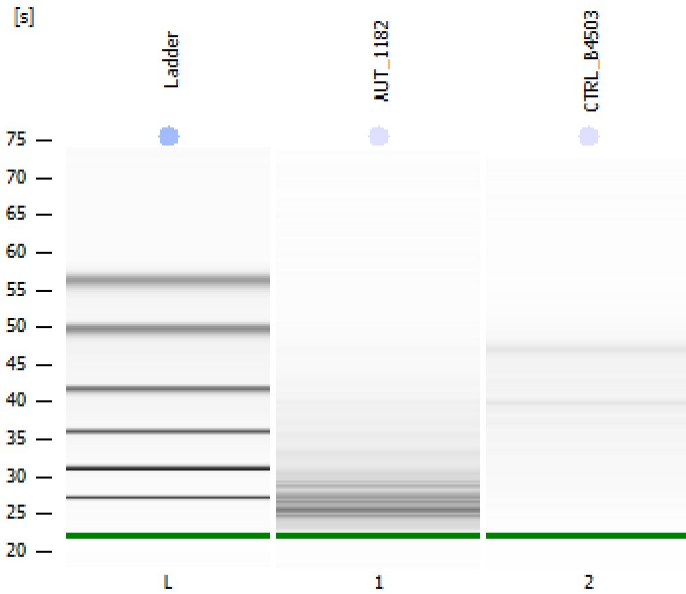


Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 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

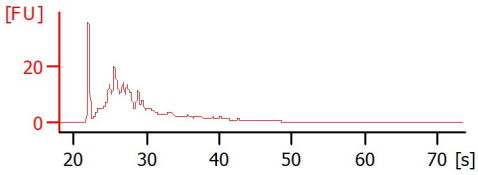
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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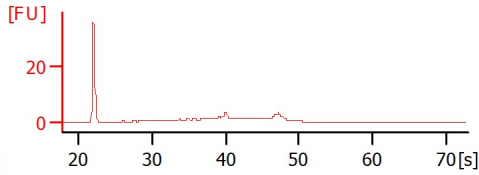
Chip Information:

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

AUT_1182
QC0600 #1
RIN: 2.40



CTRL_B4503
QC0600 #20
RIN: 6.30



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
AUT_1182	QC0600 #1	✓	RIN: 2.40	
CTRL_B4503	QC0600 #20	✓	RIN: 6.30	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 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

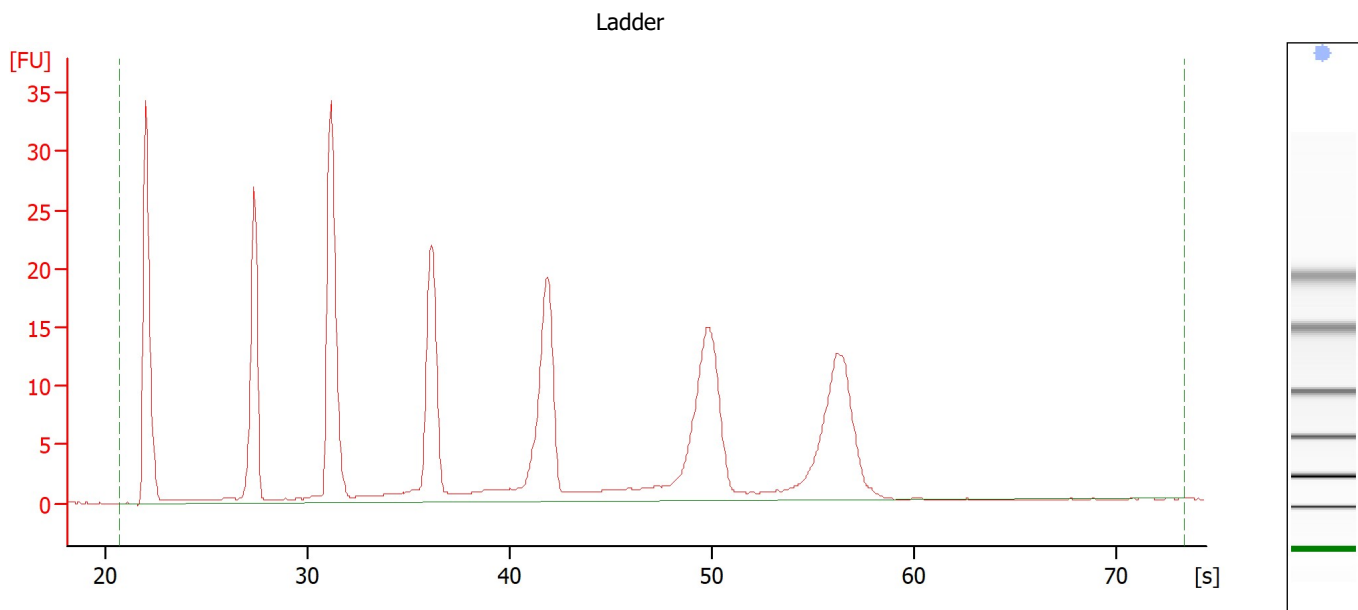
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 PM

Electropherogram Summary



Overall Results for Ladder

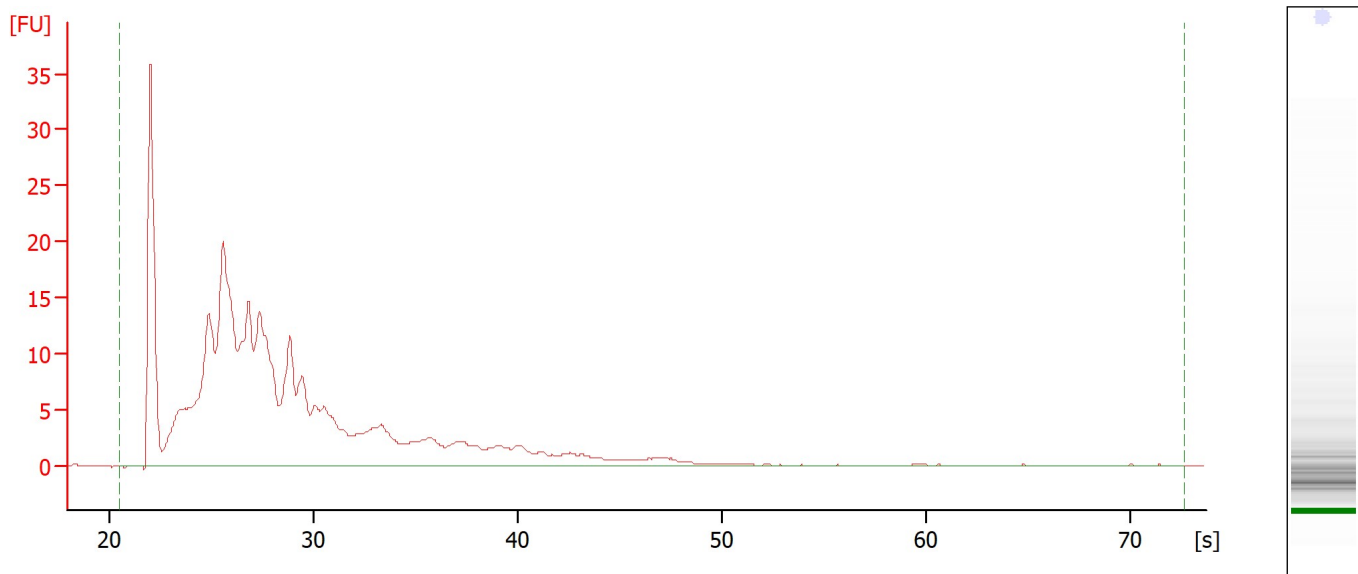
RNA Area:	284.8	Result Flagging Color:	
RNA Concentration:	1,000 pg/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 PM

Electropherogram Summary Continued ...

AUT_1182 [QC0600 #1]



Overall Results for sample 1 : AUT_1182

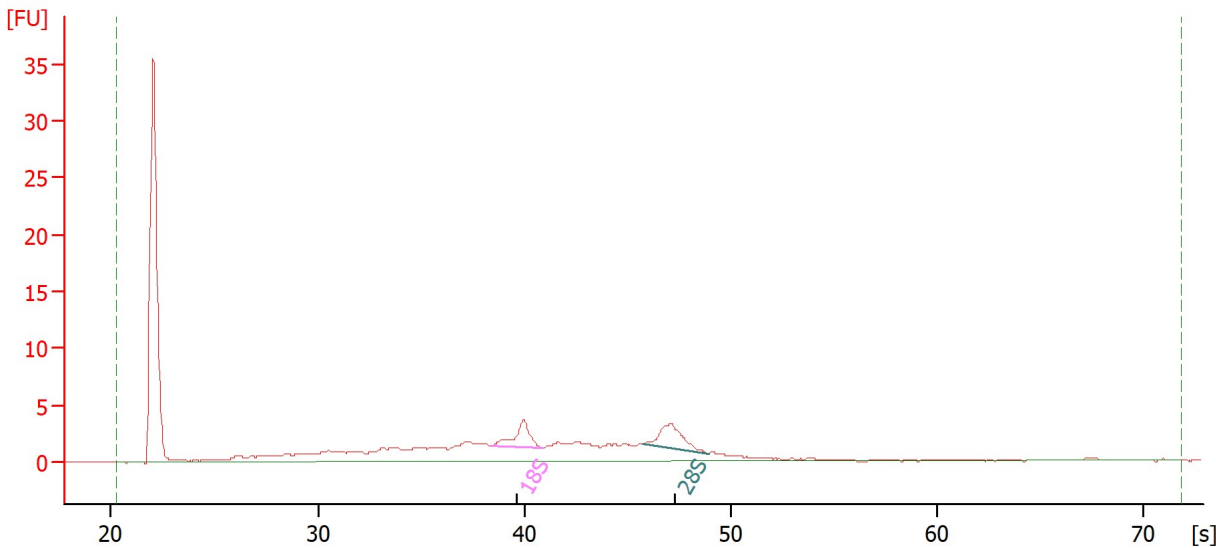
RNA Area:	348.3	RNA Integrity Number (RIN):	2.4 (B.02.10)
RNA Concentration:	1,223 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 PM

Electropherogram Summary Continued ...

CTRL_B4503 [QC0600 #20]



Overall Results for sample 2 : CTRL B4503

RNA Area: 88.9 RNA Integrity Number (RIN): 6.3 (B.02.10)
RNA Concentration: 312 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 6.30

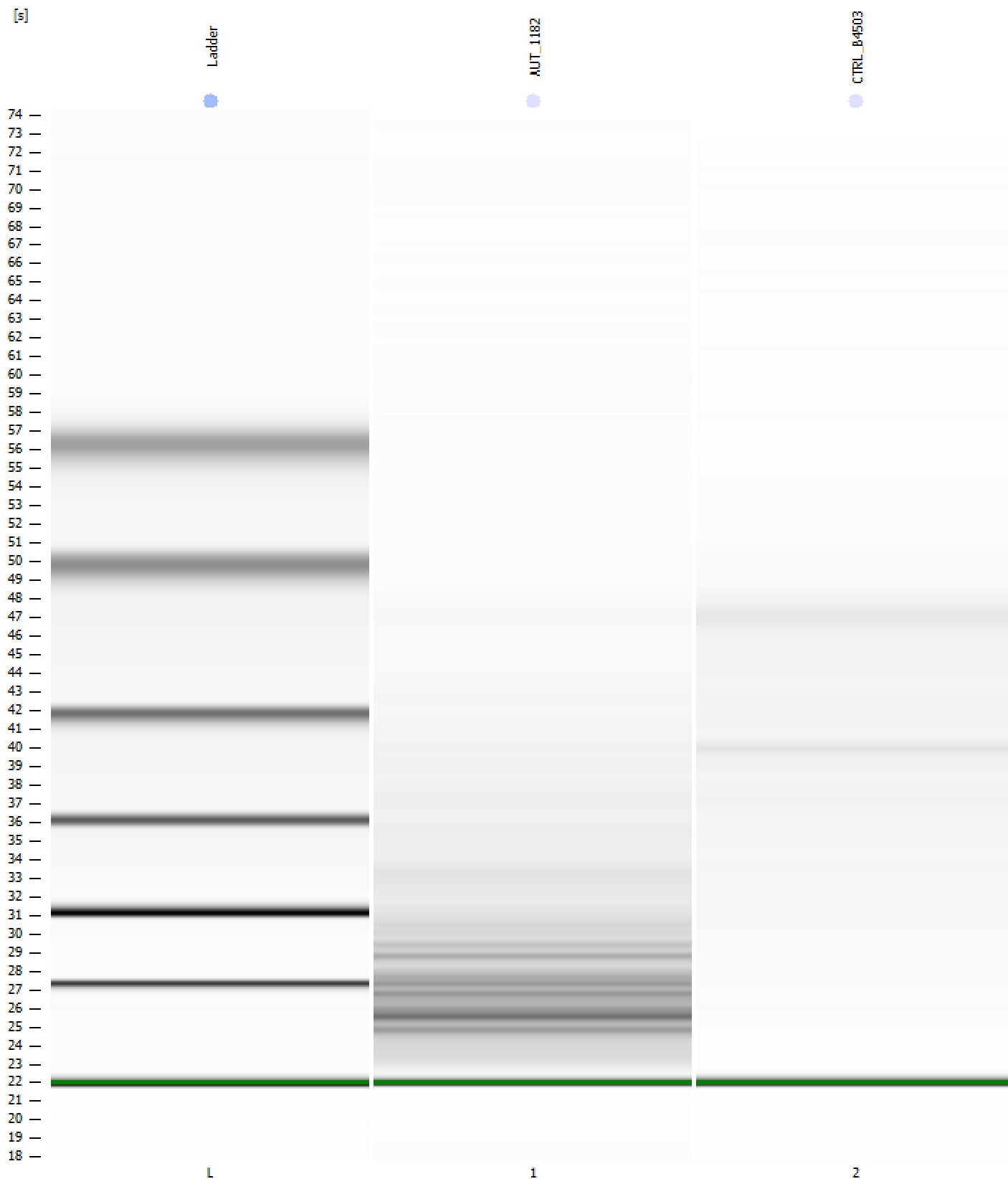
Fragment table for sample 2 : CTRL B4503

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.38	40.88	5.0	5.6
28S	45.77	48.89	5.8	6.5

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
Modified: 7/9/2020 2:03:42 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-07-09\QC0600_4.xad

Created: 7/9/2020 1:24:39 PM
 Modified: 7/9/2020 2:03:42 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		7/9/2020 1:47:37 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-07-09\Bioanalyze_r1_Eukaryote Total RNA Pico_2020-07-09_001.xad)		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		7/9/2020 1:24:44 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB