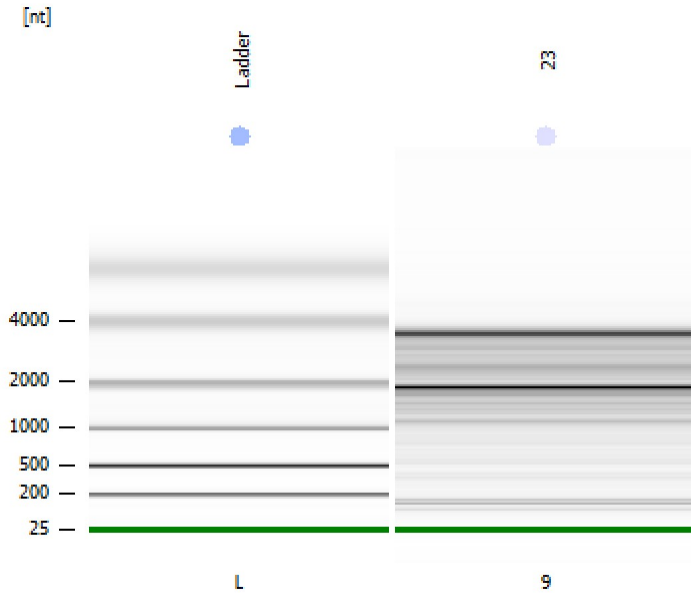


Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
Modified: 8/28/2020 4:32:35 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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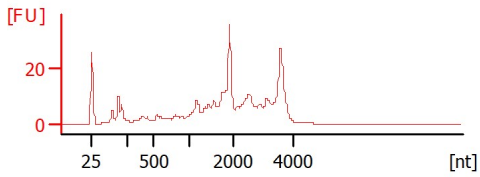
Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

23
NovaSeq252 TotRNA
RIN:7



Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
Modified: 8/28/2020 4:32:35 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
23	NovaSeq252 TotRNA	✓	RIN:7	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
Modified: 8/28/2020 4:32:35 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

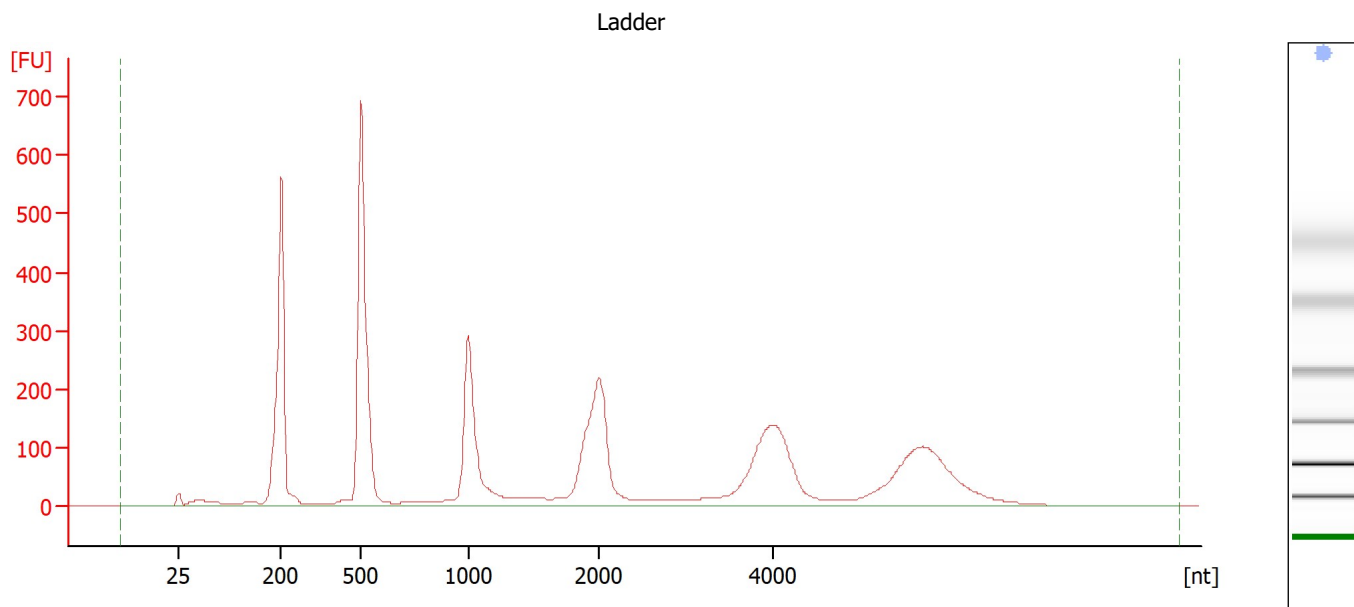
Ladder

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\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
Modified: 8/28/2020 4:32:35 PM

Electropherogram Summary



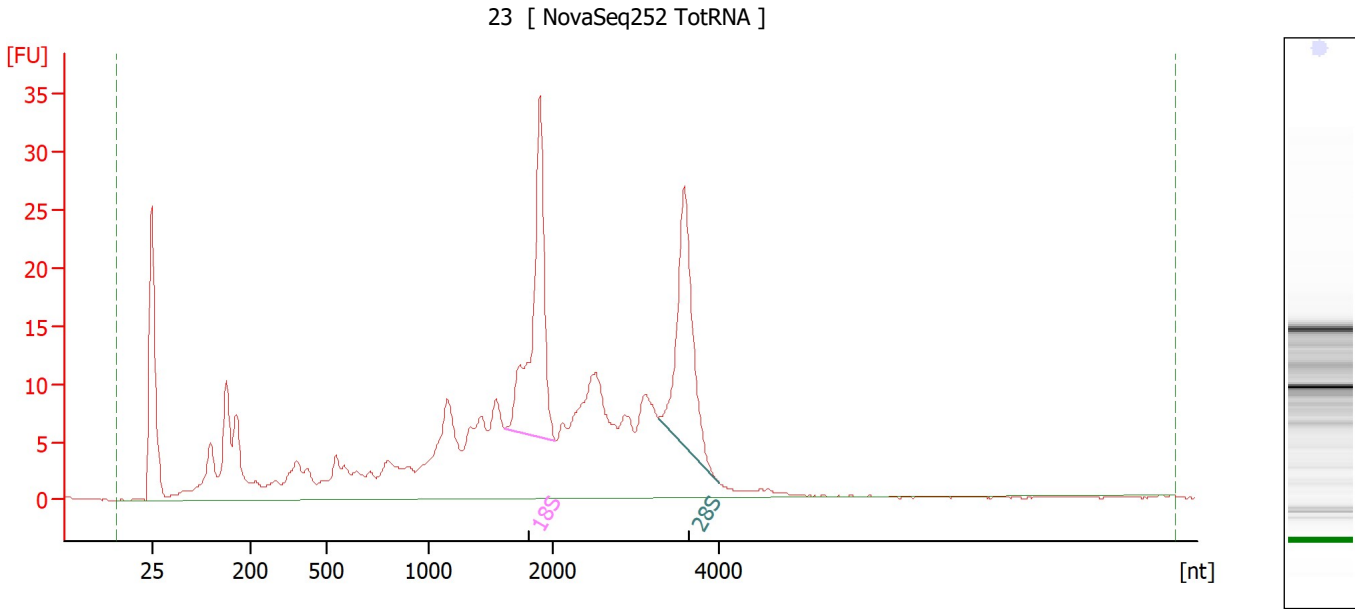
Overall Results for Ladder

RNA Area:	4,640.8	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
 Modified: 8/28/2020 4:32:35 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 23

RNA Area:	400.0	RNA Integrity Number (RIN):	7 (B.02.10)
RNA Concentration:	86 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.8	Result Flagging Label:	RIN:7

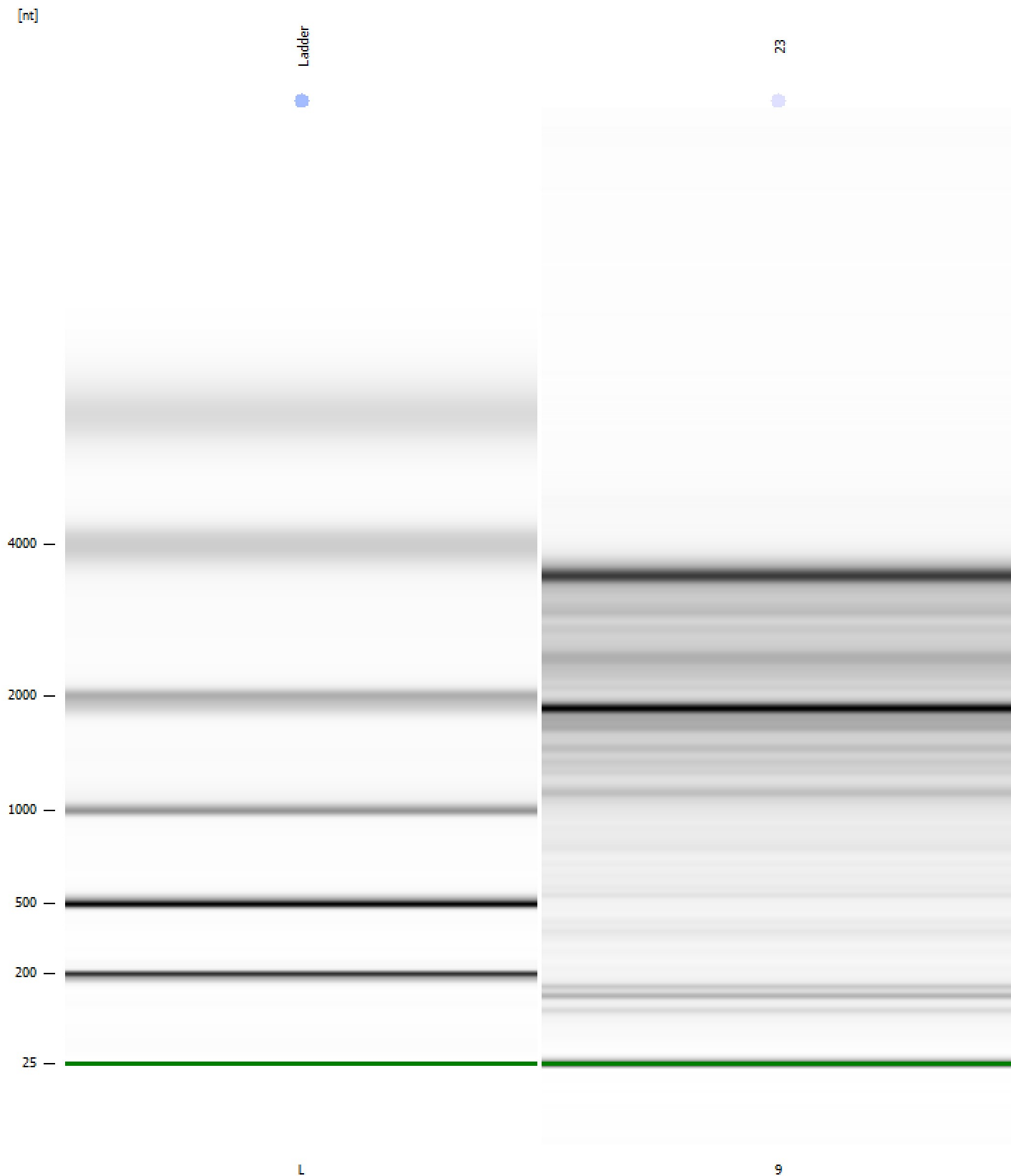
Fragment table for sample 9 : 23

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,612	2,021	47.9	12.0
28S	3,278	4,016	40.0	10.0

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
Modified: 8/28/2020 4:32:35 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-08-28\NovaSeq252TotRNA_23.xad

Created: 8/28/2020 4:07:19 PM
 Modified: 8/28/2020 4:32:35 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		8/28/2020 4:30:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-08-28\Bioanalyze_r1_Eukaryote Total RNA Pico_2020-08-28_001.xad)		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/28/2020 4:07:25 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB