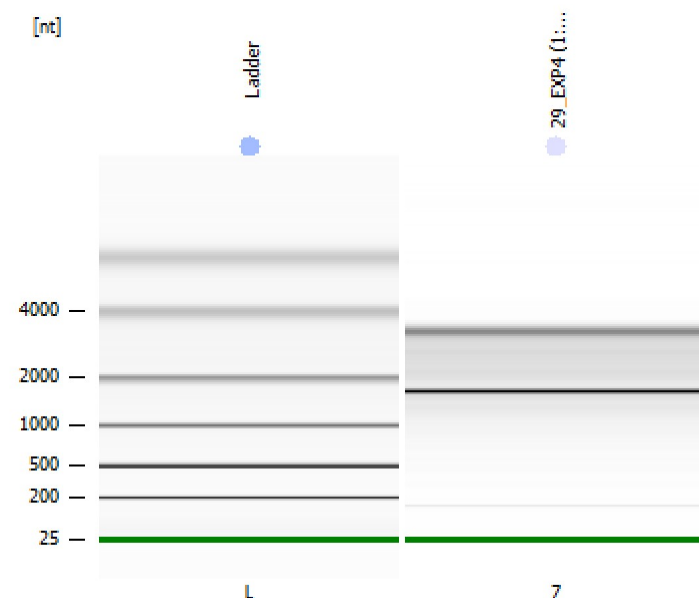


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
Modified: 11/21/2025 3:44:43 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)

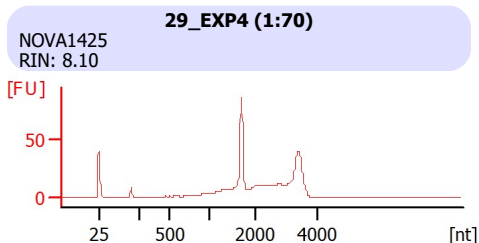
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
Modified: 11/21/2025 3:44:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
29_EXP4 (1:70)	NOVA1425	✓	RIN: 8.10	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
Modified: 11/21/2025 3:44:43 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

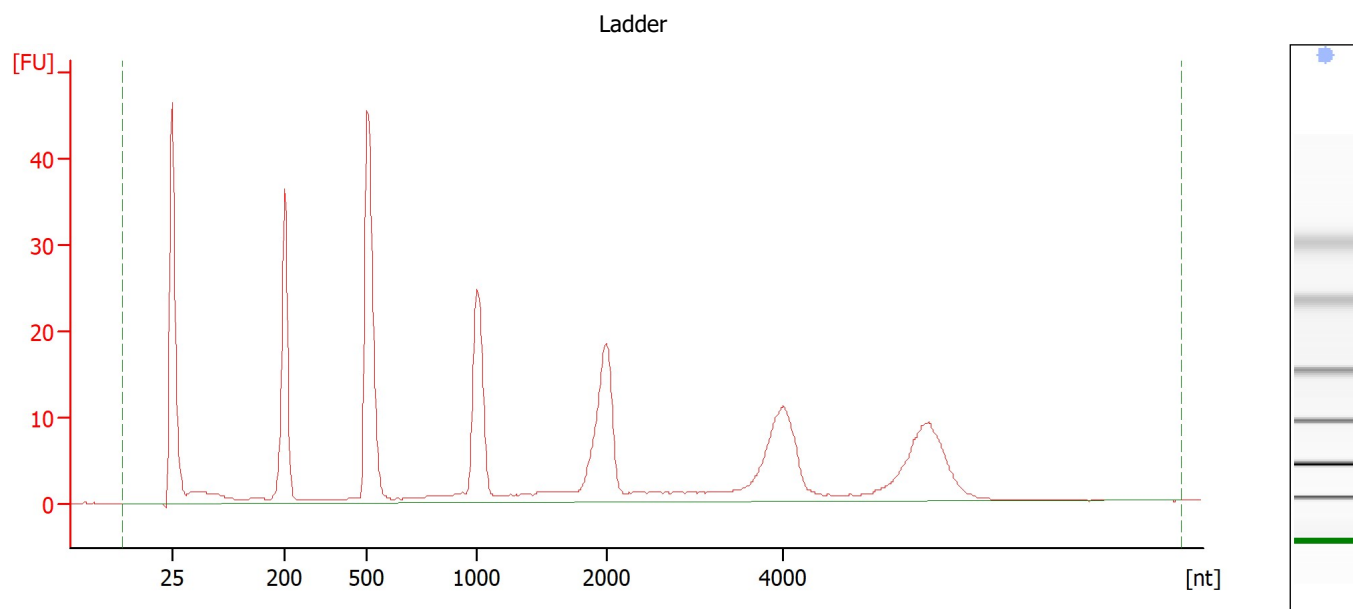
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
Modified: 11/21/2025 3:44:43 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 312.5

Result Flagging Color:



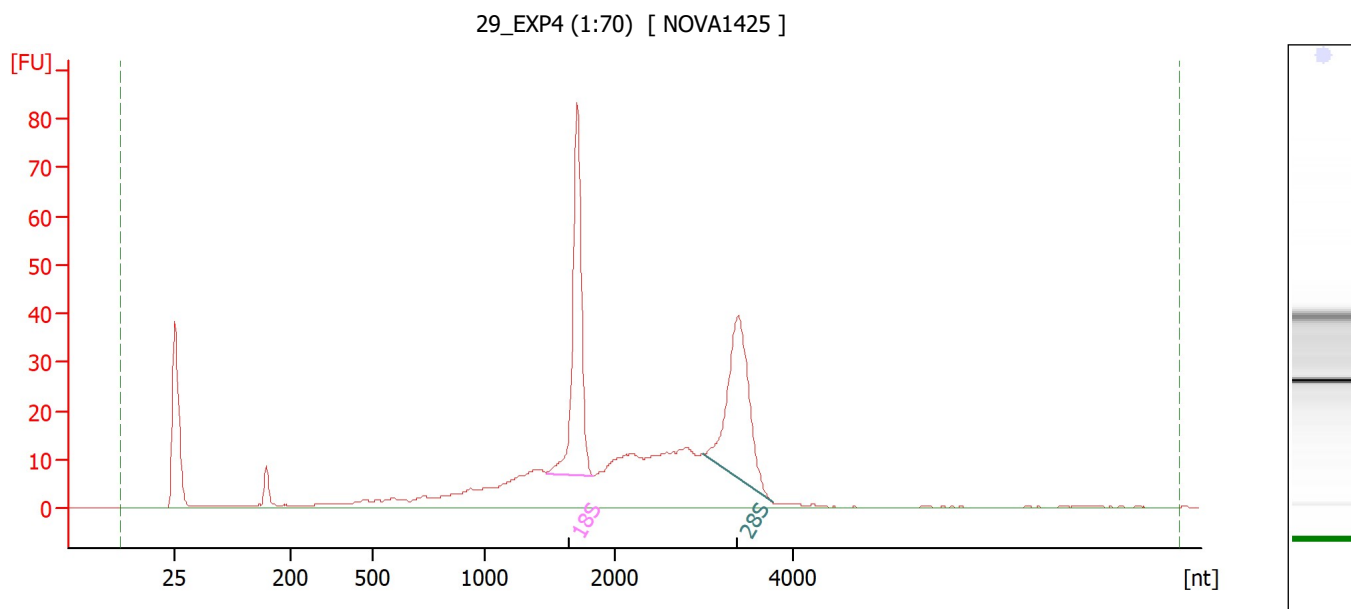
RNA Concentration: 1,000 pg/μl

Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
Modified: 11/21/2025 3:44:43 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : 29_EXP4 (1:70)**

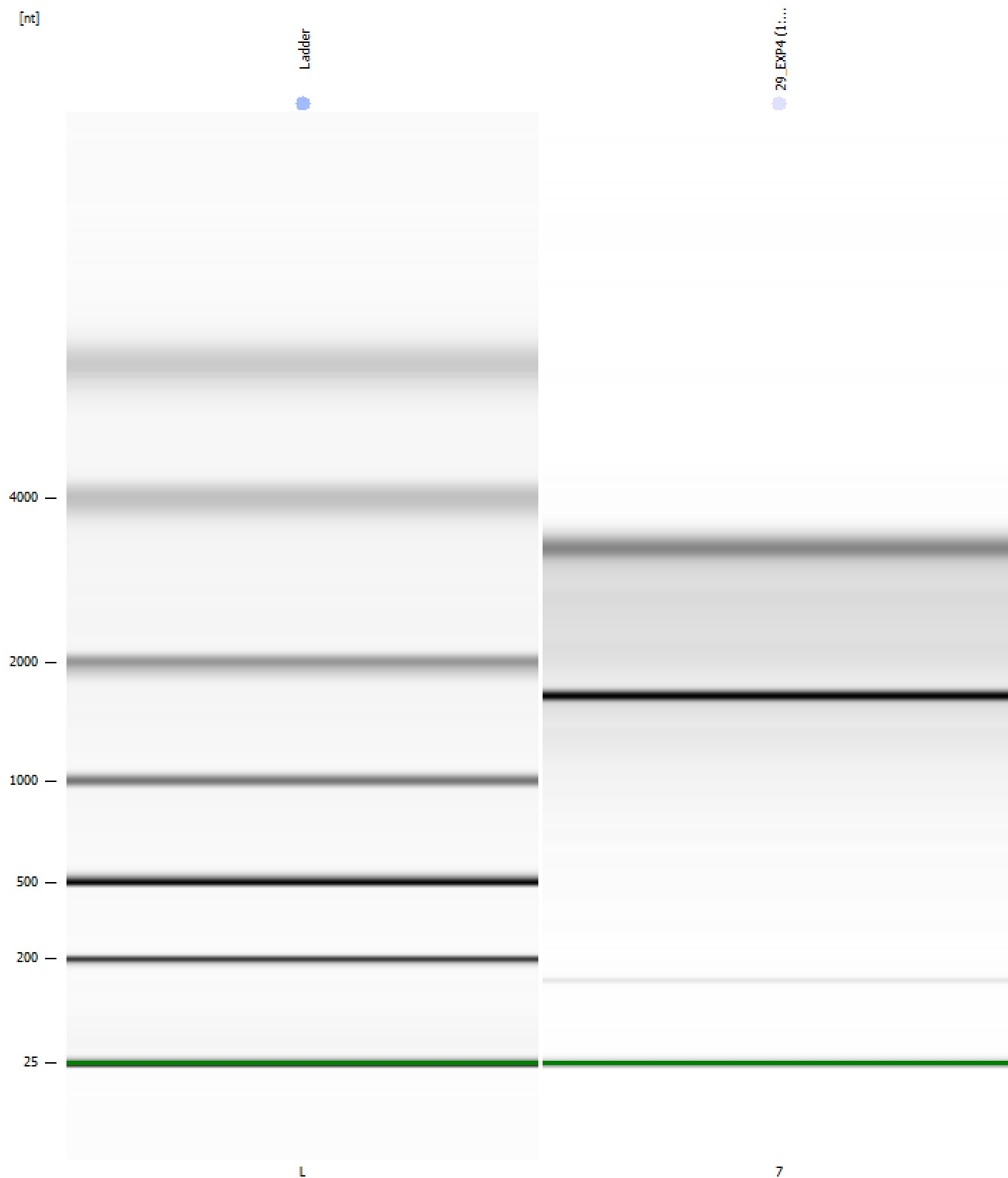
RNA Area:	483.8	RNA Integrity Number (RIN):	8.1 (B.02.10)
RNA Concentration:	1,548 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.9	Result Flagging Label:	RIN: 8.10

Fragment table for sample 7 : 29_EXP4 (1:70)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,475	1,838	90.2	18.6
28S	2,992	3,767	80.3	16.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
Modified: 11/21/2025 3:44:43 PM

Gel Image

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...oanalyzer\2100 expert\data\2025-11-21\NOVA1425-29_RNAQC.xad

Created: 11/21/2025 3:19:05 PM
 Modified: 11/21/2025 3:44:43 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		11/21/2025 3:42:01 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2025-11-21\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2025-11-21_001.xad)		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		11/21/2025 3:19:12 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB