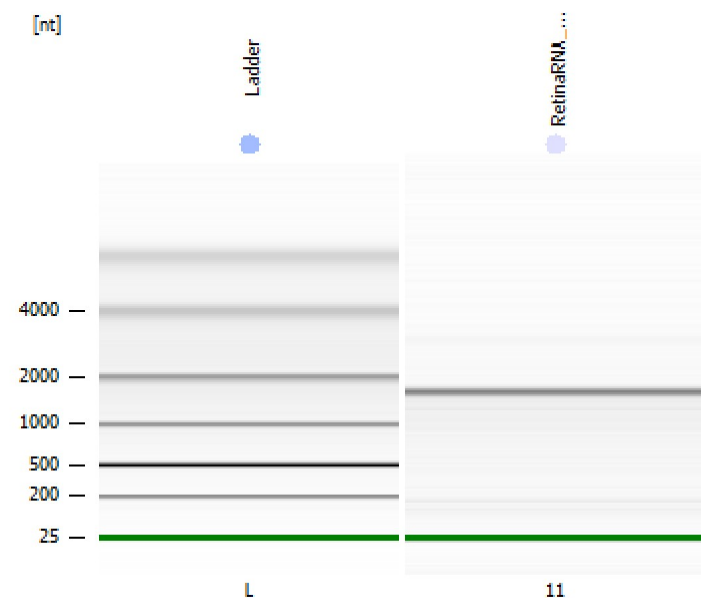


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
Modified: 12/12/2025 1:03:17 PM

Electrophoresis File Run Summary



Instrument Information:

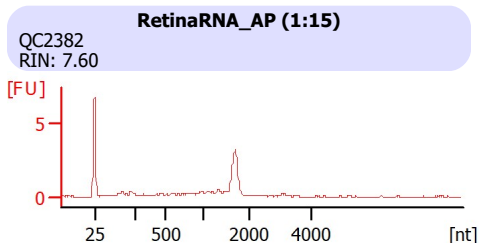
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
Modified: 12/12/2025 1:03:17 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
RetinaRNA_AP (1:15)	QC2382	✓	RIN: 7.60	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
Modified: 12/12/2025 1:03:17 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

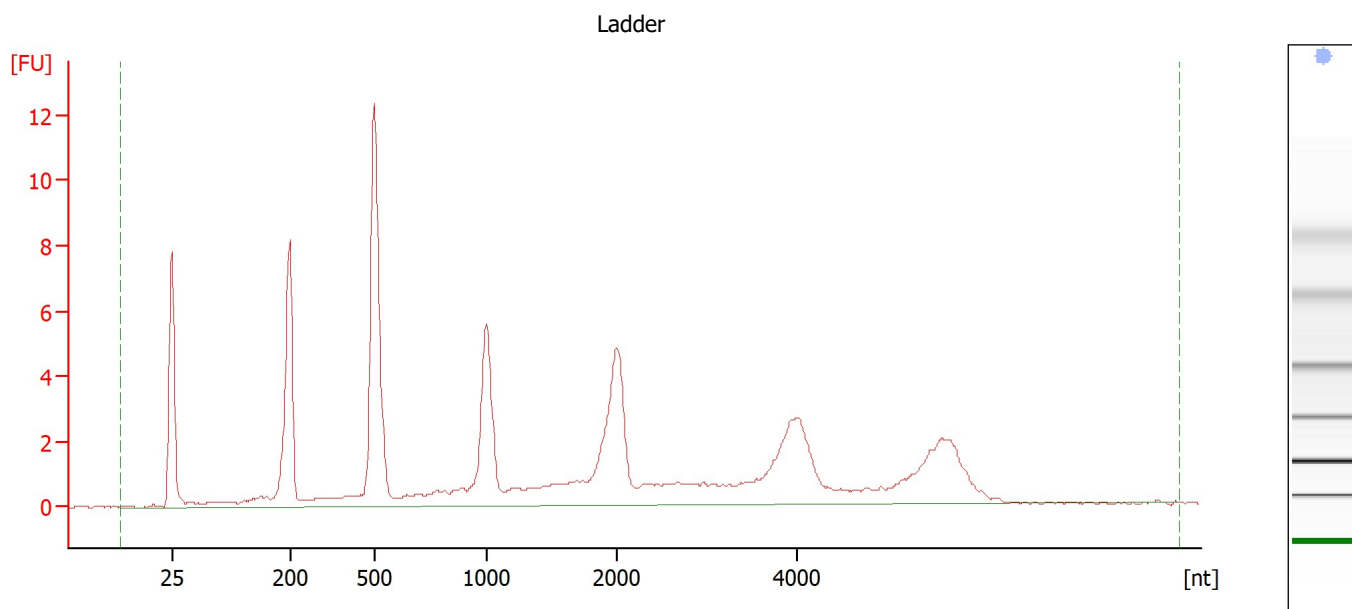
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
Modified: 12/12/2025 1:03:17 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 95.8

Result Flagging Color:



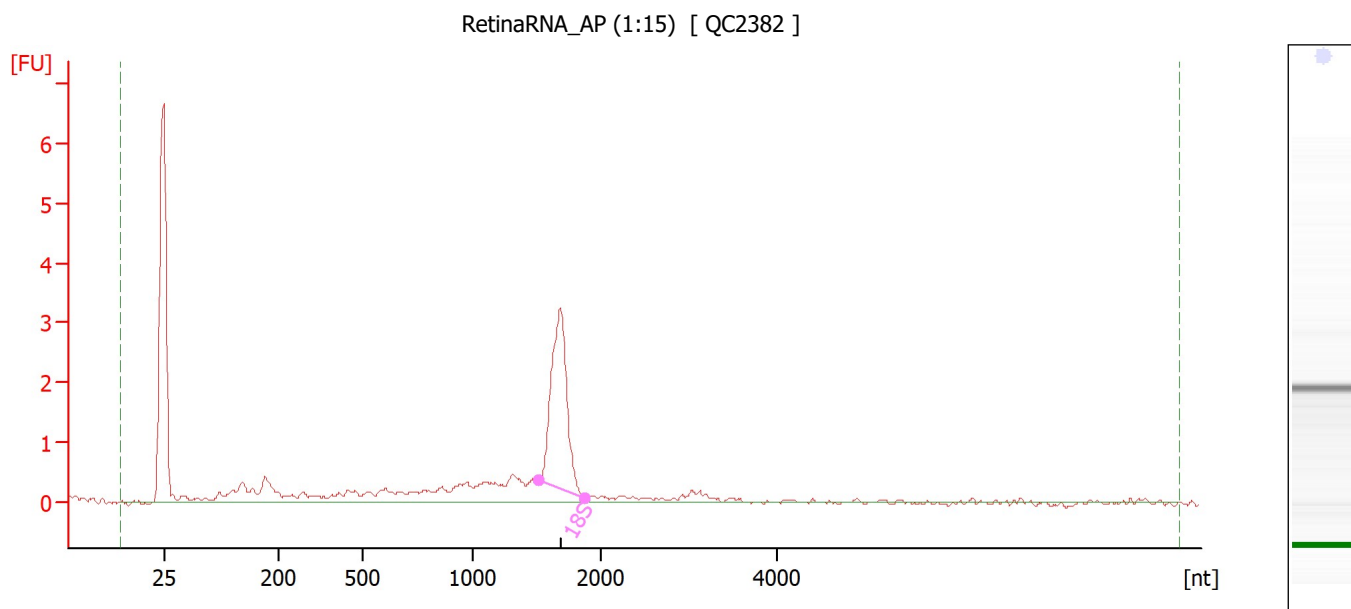
RNA Concentration: 1,000 pg/μl

Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
Modified: 12/12/2025 1:03:17 PM

Electropherogram Summary Continued ...**Overall Results for sample 11 : RetinaRNA AP (1:15)**

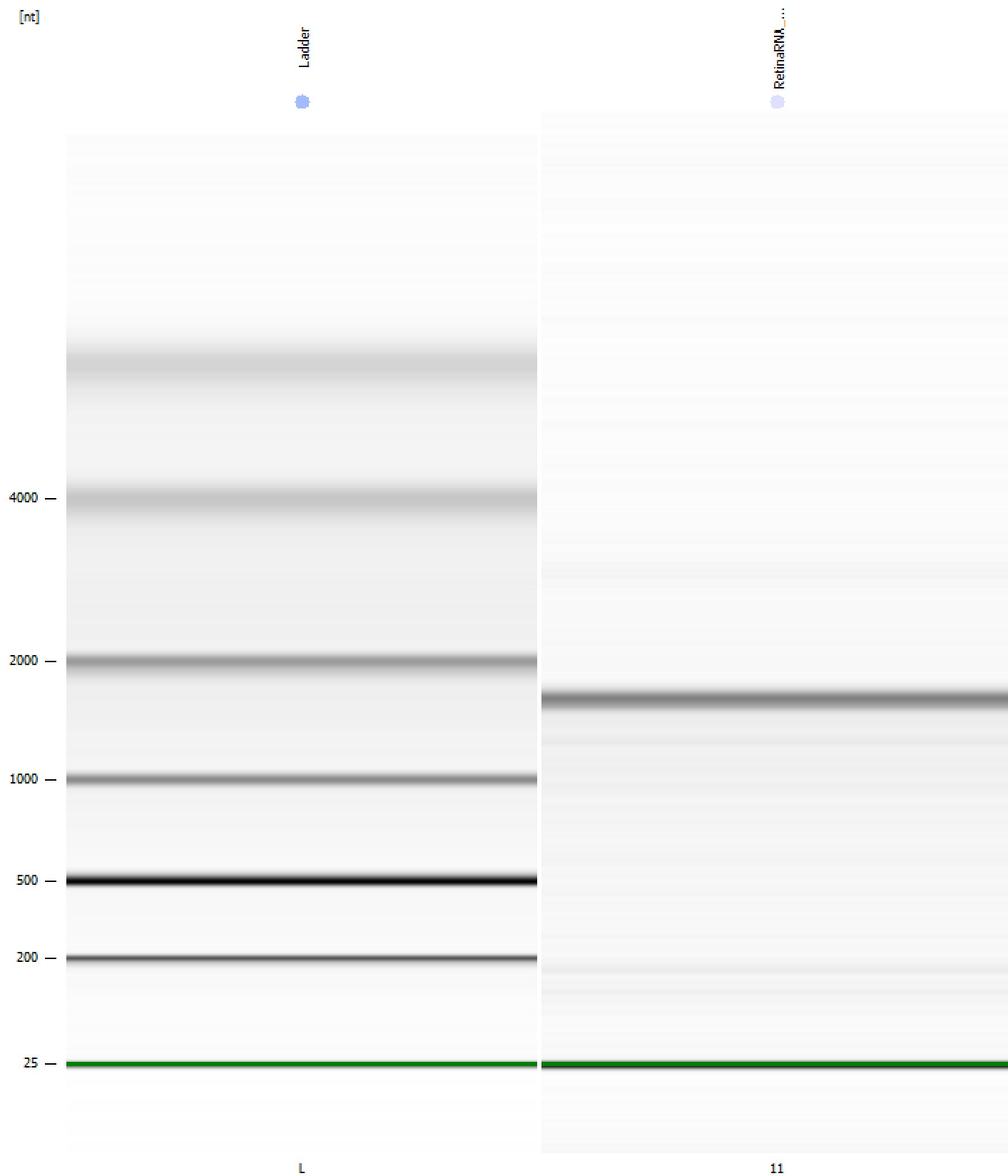
RNA Area:	20.5	RNA Integrity Number (RIN):	7.6 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	214 pg/μl		
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Color:	
		Result Flagging Label:	RIN: 7.60

Fragment table for sample 11 : RetinaRNA AP (1:15)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,520	1,879	6.4	31.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
Modified: 12/12/2025 1:03:17 PM

Gel Image

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ent\2100 bioanalyzer\2100 expert\data\2025-12-12\QC2382.xad

Created: 12/12/2025 12:21:35 PM
 Modified: 12/12/2025 1:03:17 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		12/12/2025 12:44:37 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\2025-12-12\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2025-12-12_001.xad)		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		12/12/2025 12:21:44 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB