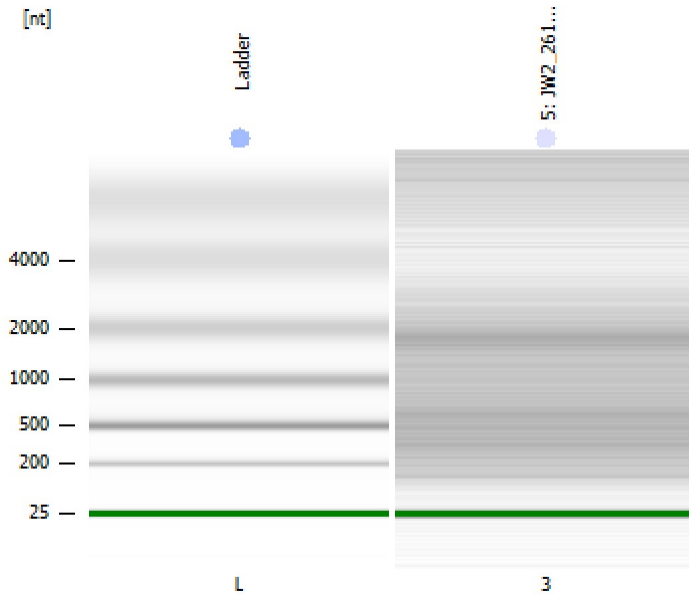


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
Modified: 6/12/2023 1:17:43 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

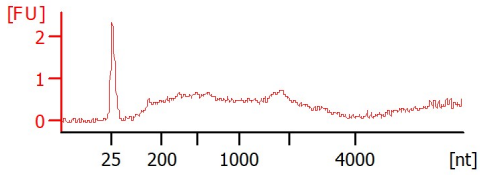
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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Chip Information:

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

5: JW2_261_R2
NOVA0865
RIN: 2.30



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
 Modified: 6/12/2023 1:17:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
5: JW2_261_R2	NOVA0865	✓	RIN: 2.30	
Ladder		✓	All Other Samples	

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
 Modified: 6/12/2023 1:17:43 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/μl] : 1000
 Lower Marker Concentration [pg/μl] : 0
 Upper Marker Concentration [pg/μl] : 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

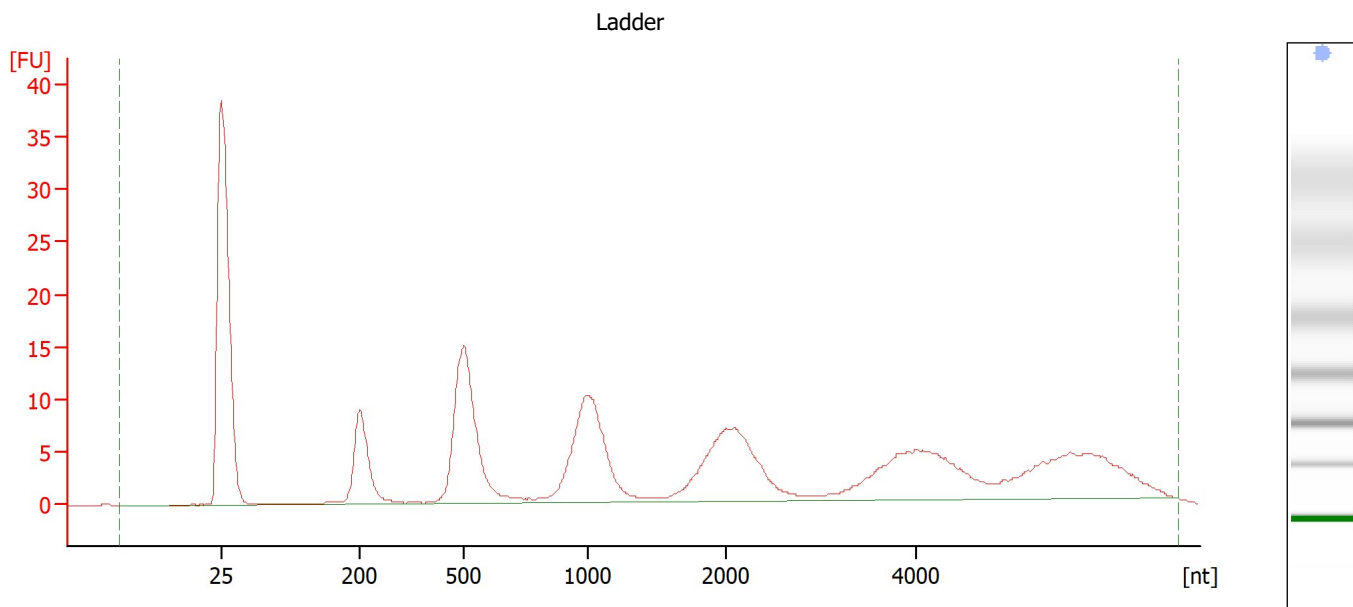
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
Modified: 6/12/2023 1:17:43 PM

Electropherogram Summary



Overall Results for Ladder

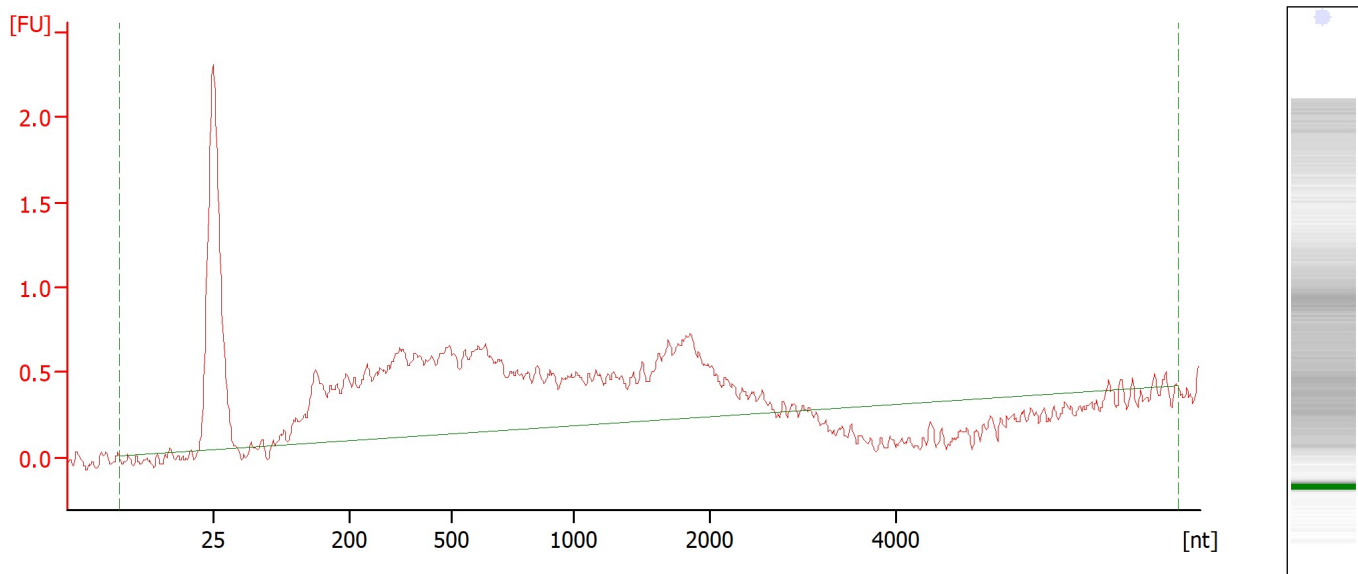
RNA Area:	233.8	Result Flagging Color:	
RNA Concentration:	1,000 pg/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
 Modified: 6/12/2023 1:17:43 PM

Electropherogram Summary Continued ...

5: JW2_261_R2 [NOVA865]



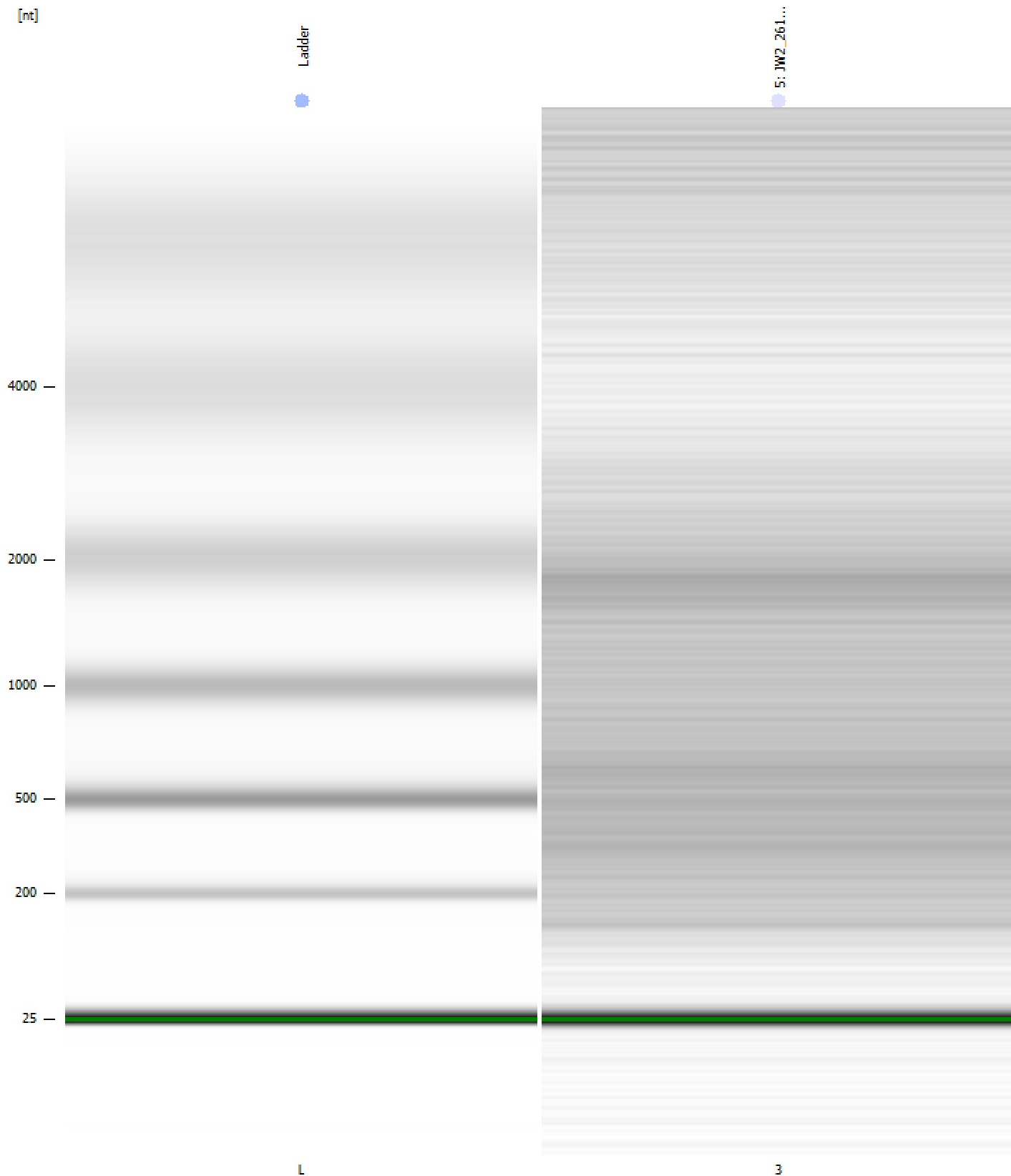
Overall Results for sample 3 : 5: JW2_261_R2

RNA Area:	20.1	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	86 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
Modified: 6/12/2023 1:17:43 PM

Gel Image

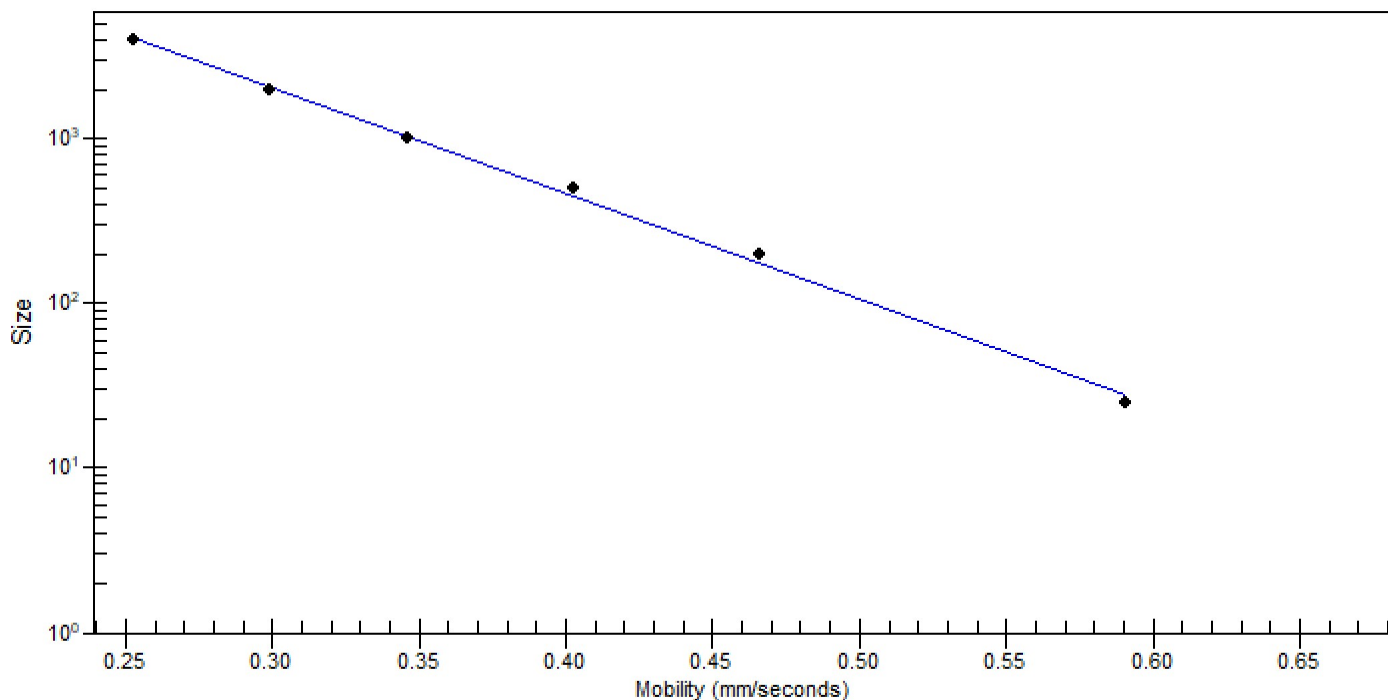


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
Modified: 6/12/2023 1:17:43 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...yzer1_Eukaryote Total RNA Pico_2023-06-12_002_NOVA865-5.xad

Created: 6/12/2023 12:47:18 PM
 Modified: 6/12/2023 1:17:43 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		6/12/2023 1:09:19 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Users\sbsuser\Desktop\2023-06-12\Bioanalyzer1_Eukaryote Total RNA Pico_2023-06-12_002.xad)		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		6/12/2023 12:47:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		6/12/2023 12:47:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB