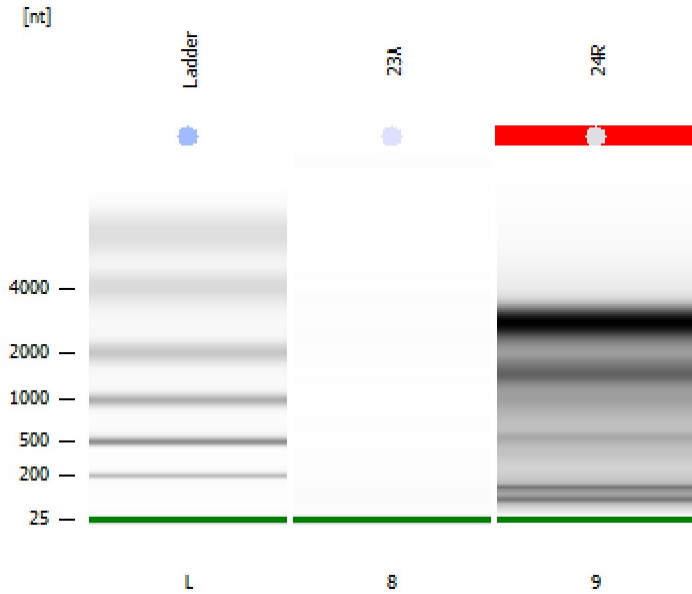


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
Modified: 6/9/2023 7:00:30 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

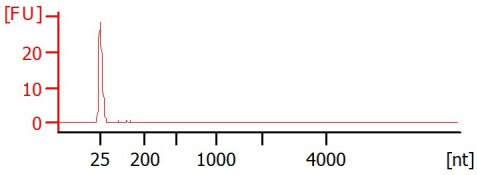
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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Chip Information:

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

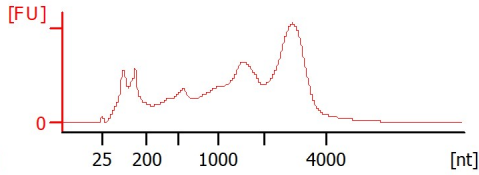
QC1503
RIN:1

23A



QC1503
RIN N/A

24R



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
 Modified: 6/9/2023 7:00:30 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
23A	QC1503	✓	RIN:1	
24R	QC1503	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
Modified: 6/9/2023 7:00:30 AM

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

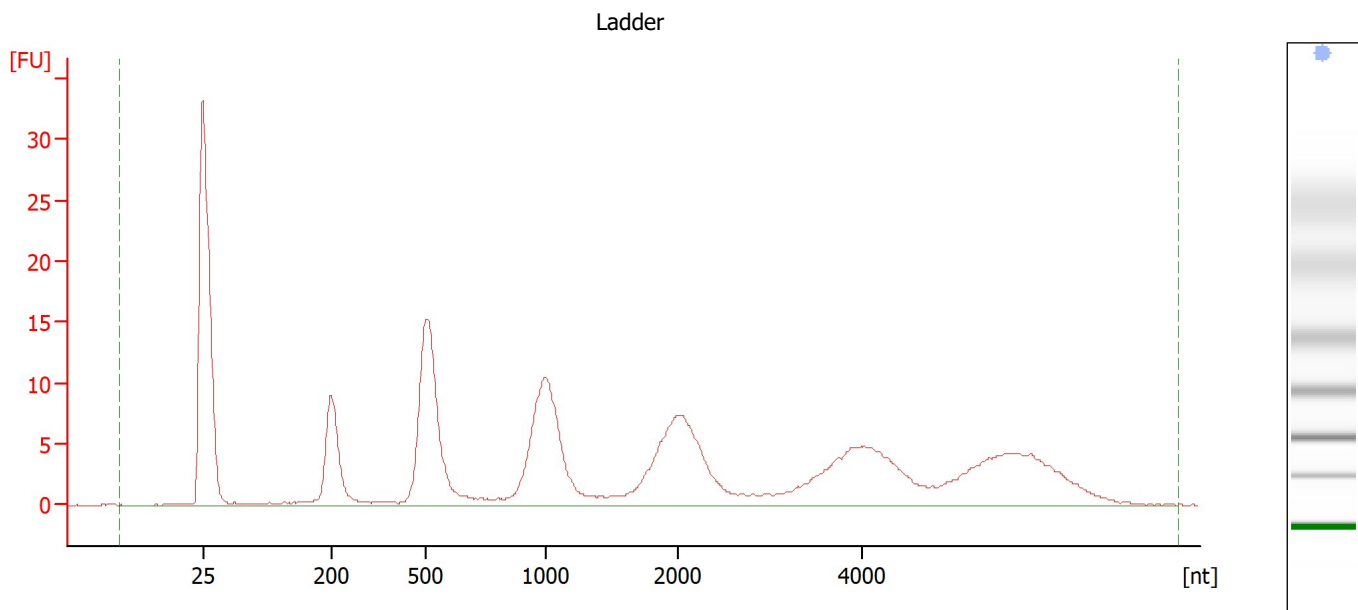
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
Modified: 6/9/2023 7:00:30 AM

Electropherogram Summary



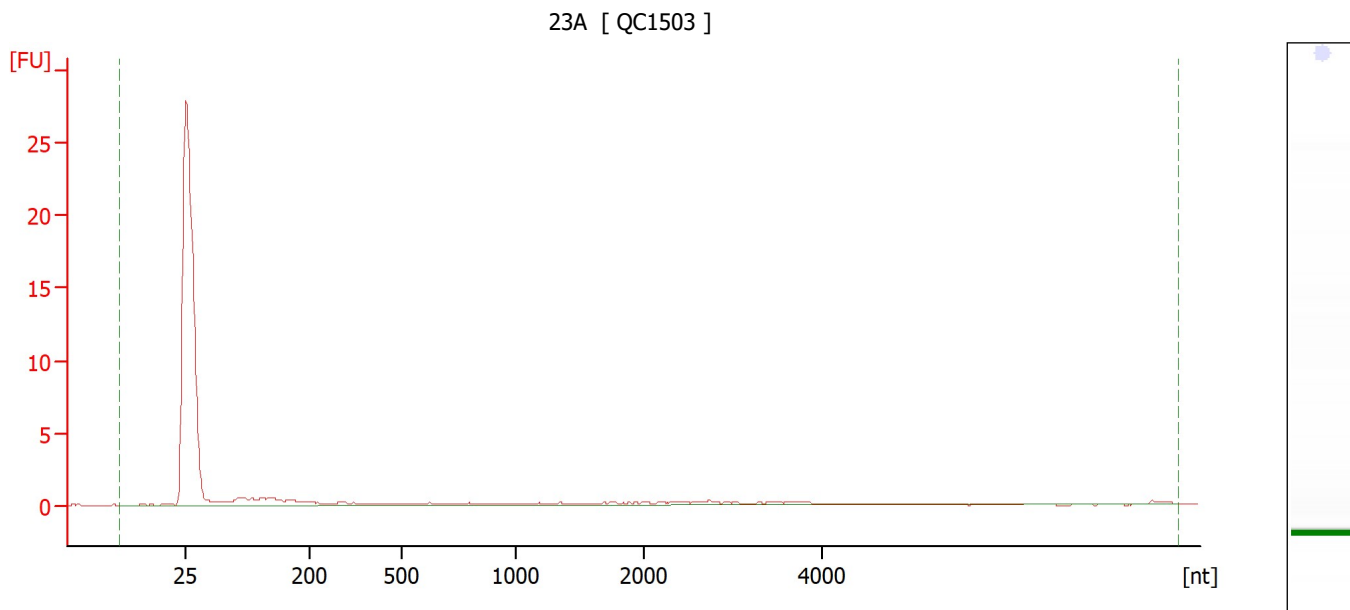
Overall Results for Ladder

RNA Area:	244.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
 Modified: 6/9/2023 7:00:30 AM

Electropherogram Summary Continued ...



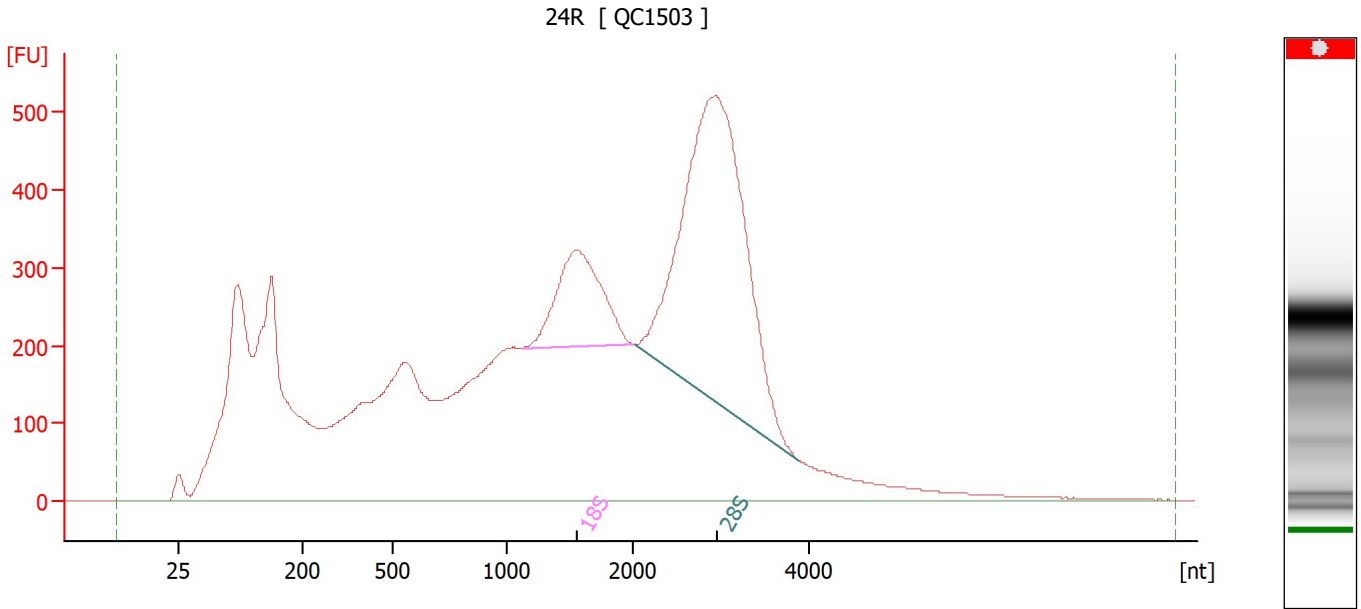
Overall Results for sample 8 : 23A

RNA Area:	16.1	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	66 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
 Modified: 6/9/2023 7:00:30 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 24R

RNA Area:	16,001.7	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	65,575 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	3.9	Result Flagging Label:	RIN N/A

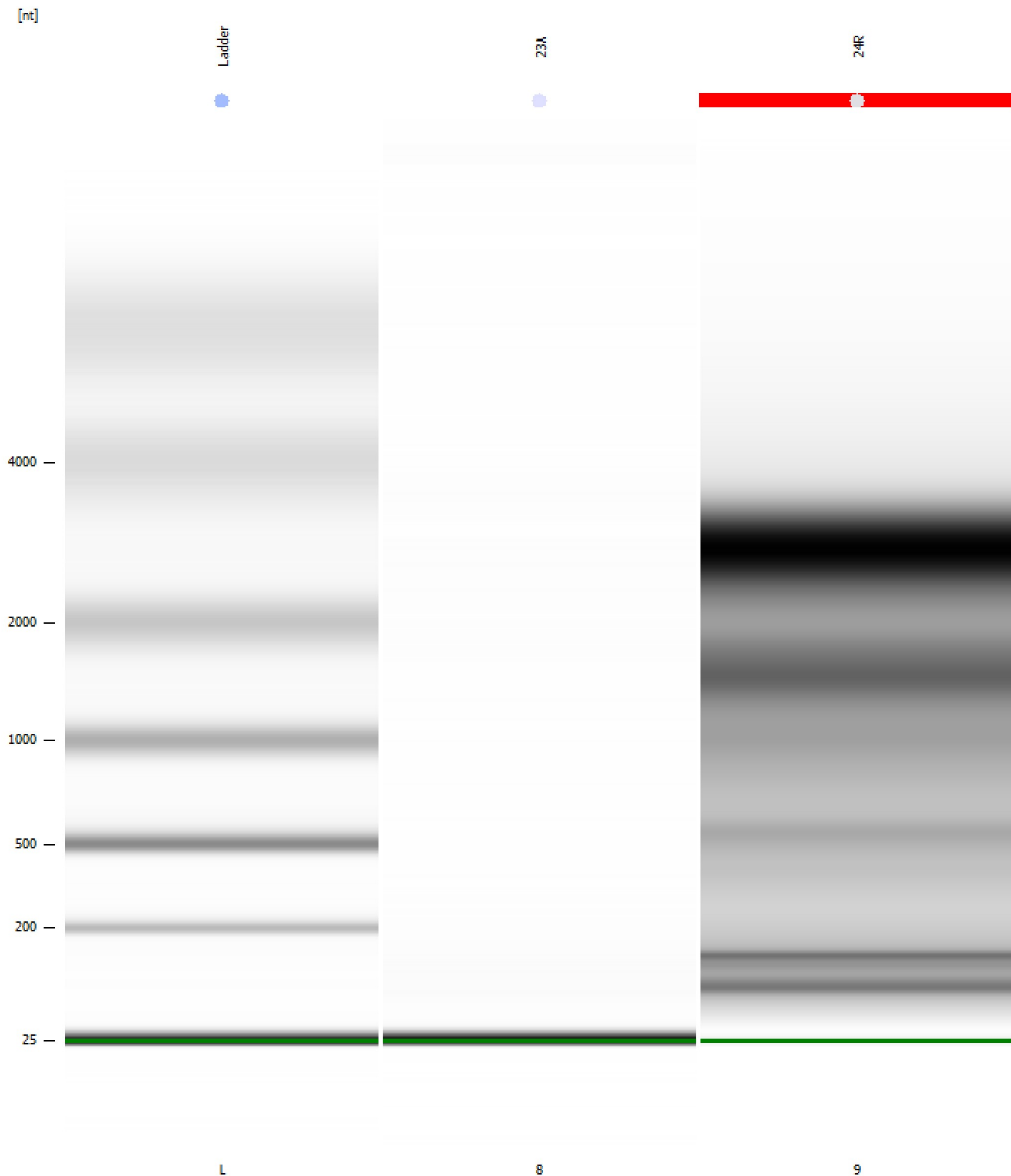
Fragment table for sample 9 : 24R

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,123	1,999	739.0	4.6
28S	2,023	3,894	2,851.1	17.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
Modified: 6/9/2023 7:00:30 AM

Gel Image

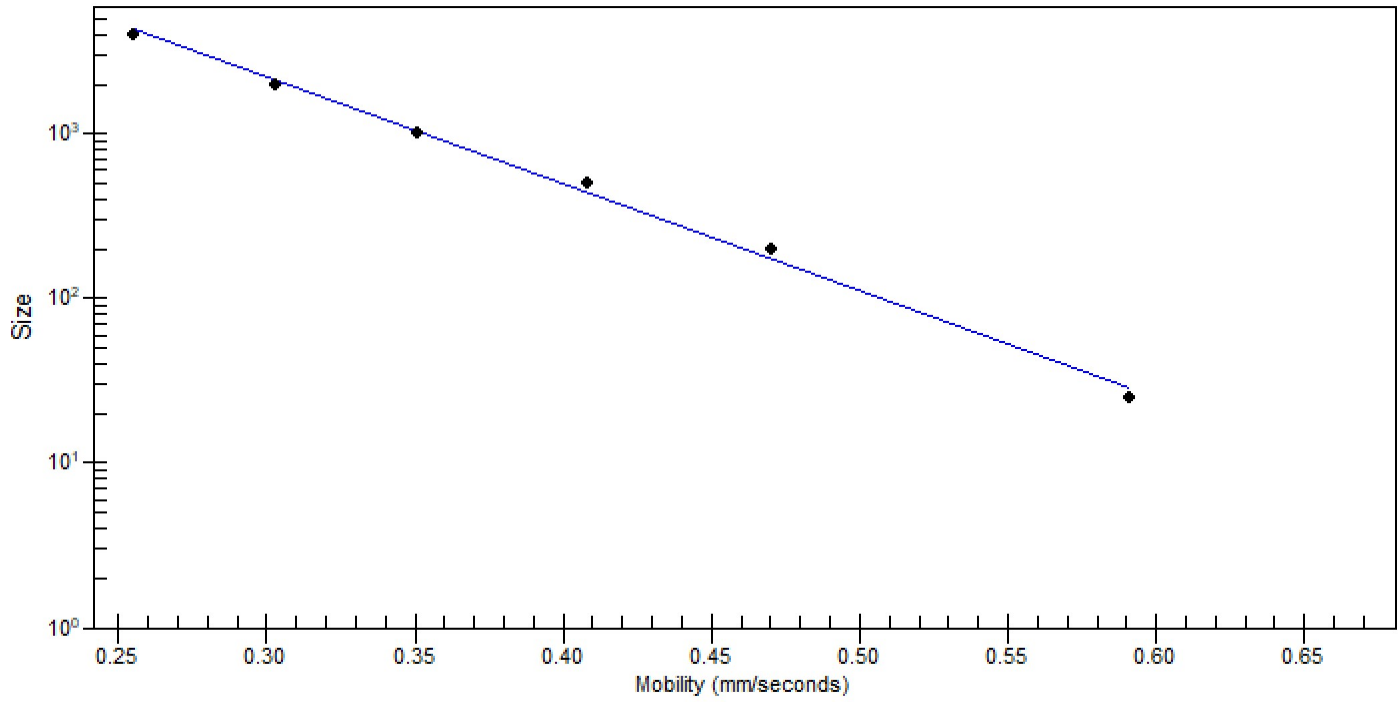


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
Modified: 6/9/2023 7:00:30 AM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\Users\sbsuser\Desktop\2023-06-08\QC1503_23-24.xad

Created: 6/8/2023 4:37:20 PM
 Modified: 6/9/2023 7:00:30 AM

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		6/8/2023 4:59:23 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Users\sbsuser\Desktop\2023-06-08\Bioanalyzer1_Eukaryote Total RNA Pico_2023-06-08_001.xad)		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		6/8/2023 4:37:26 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB