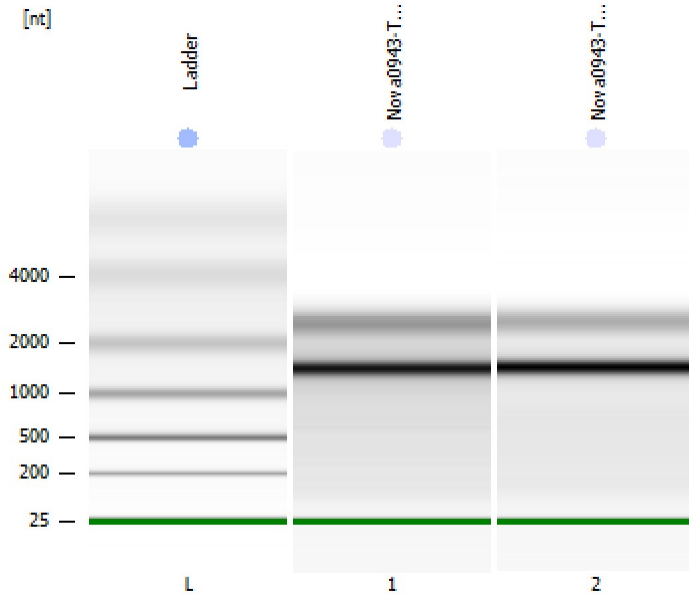


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
Modified: 8/4/2023 4:03:34 PM

Electrophoresis File Run Summary



Instrument Information:

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

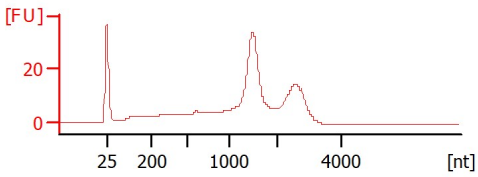
Assay Information:

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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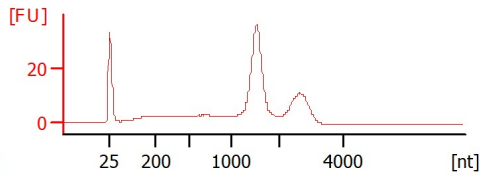
Chip Information:

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

Nova0943-T1 (1:30)
Post DNase
RIN: 8.40



Nova0943-T2 (1:30)
Post DNase
RIN: 8.70



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
 Modified: 8/4/2023 4:03:34 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Nova0943-T1 (1:30)	Post DNase	✓	RIN: 8.40	
Nova0943-T2 (1:30)	Post DNase	✓	RIN: 8.70	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
Modified: 8/4/2023 4:03:34 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

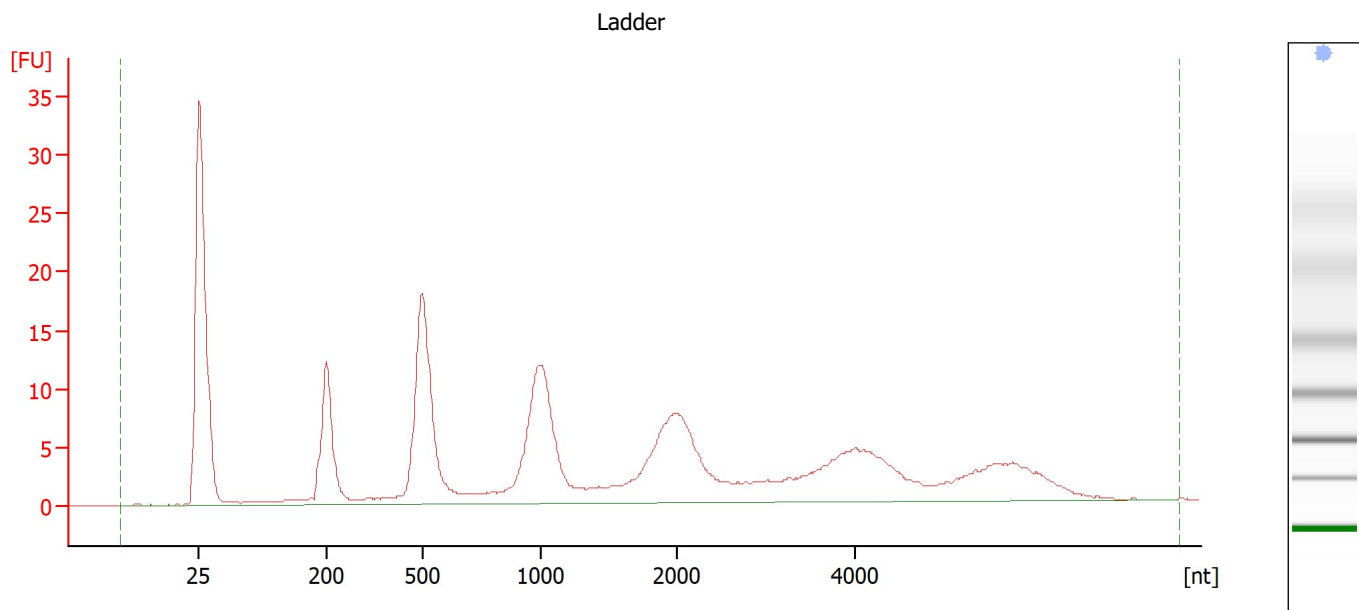
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
Modified: 8/4/2023 4:03:34 PM

Electropherogram Summary



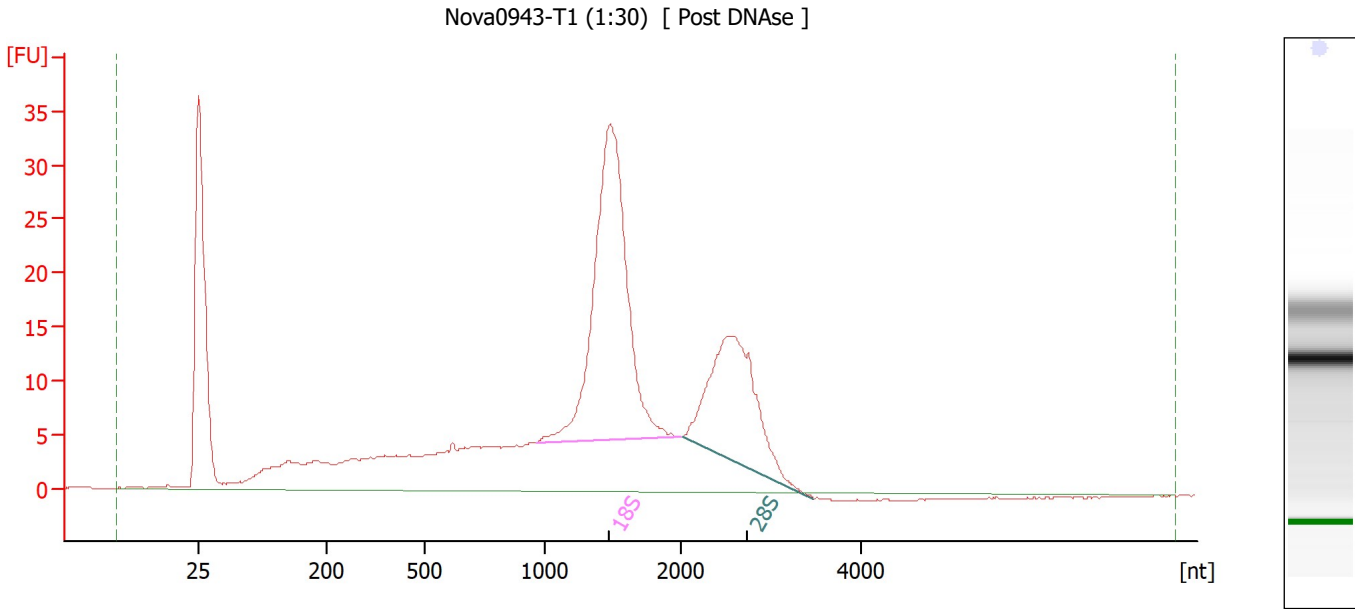
Overall Results for Ladder

RNA Area:	254.4	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
 Modified: 8/4/2023 4:03:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Nova0943-T1 (1:30)

RNA Area:	424.9	RNA Integrity Number (RIN):	8.4 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	1,670 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.5	Result Flagging Label:	RIN: 8.40

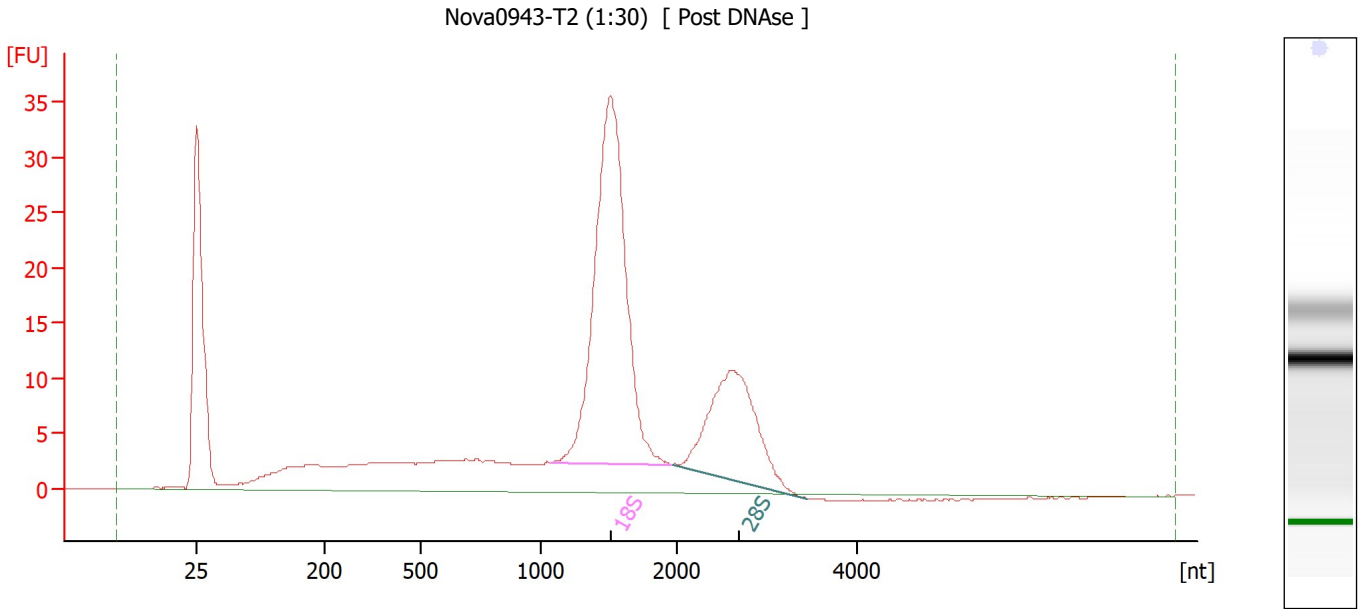
Fragment table for sample 1 : Nova0943-T1 (1:30)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	965	2,001	121.3	28.6
28S	2,025	3,473	60.9	14.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
 Modified: 8/4/2023 4:03:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Nova0943-T2 (1:30)

RNA Area:	334.7	RNA Integrity Number (RIN):	8.7 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	1,316 pg/μl		
rRNA Ratio [28s / 18s]:	0.4	Result Flagging Color:	
		Result Flagging Label:	RIN: 8.70

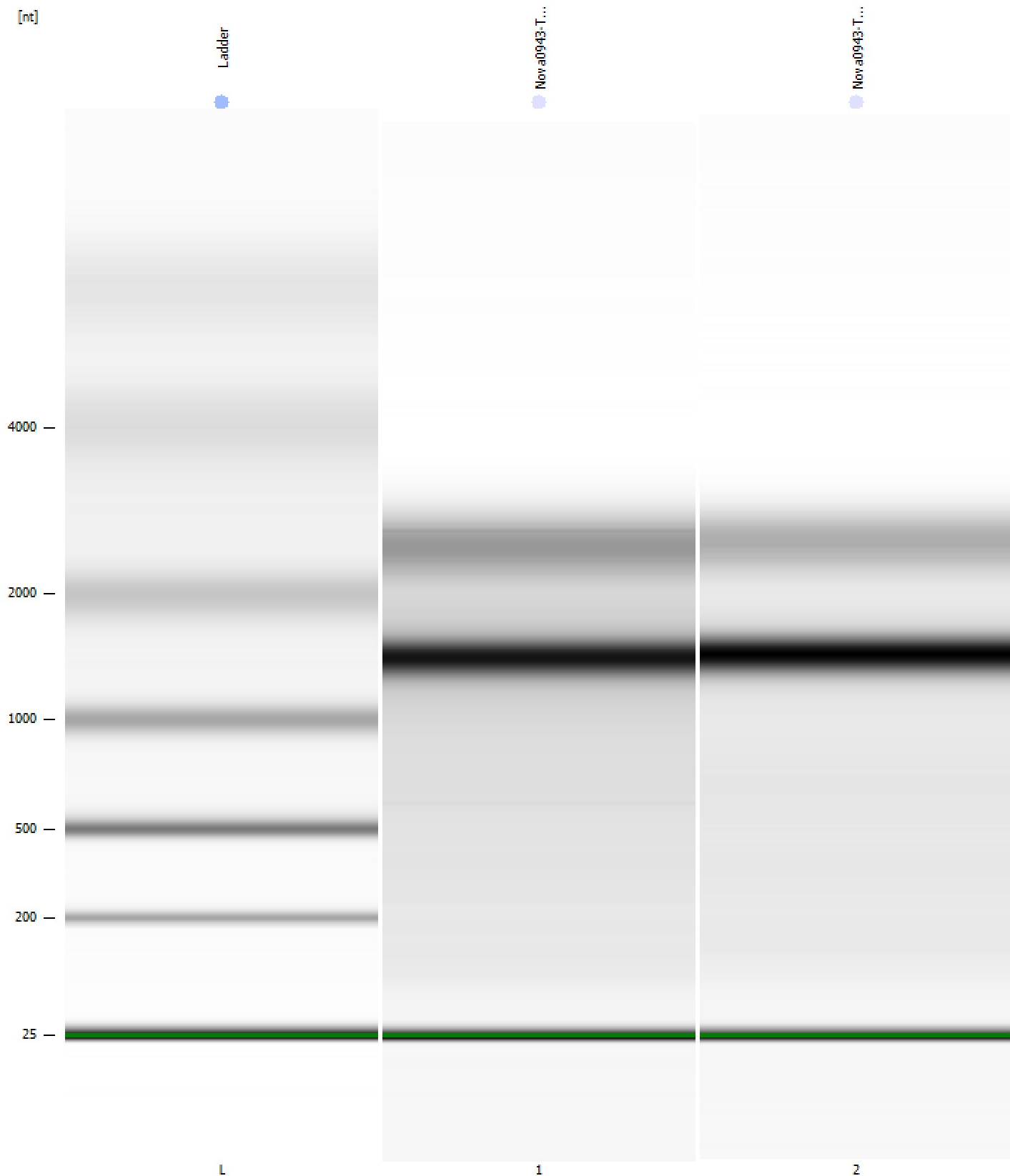
Fragment table for sample 2 : Nova0943-T2 (1:30)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,075	1,961	130.8	39.1
28S	1,977	3,455	52.7	15.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
Modified: 8/4/2023 4:03:34 PM

Gel Image

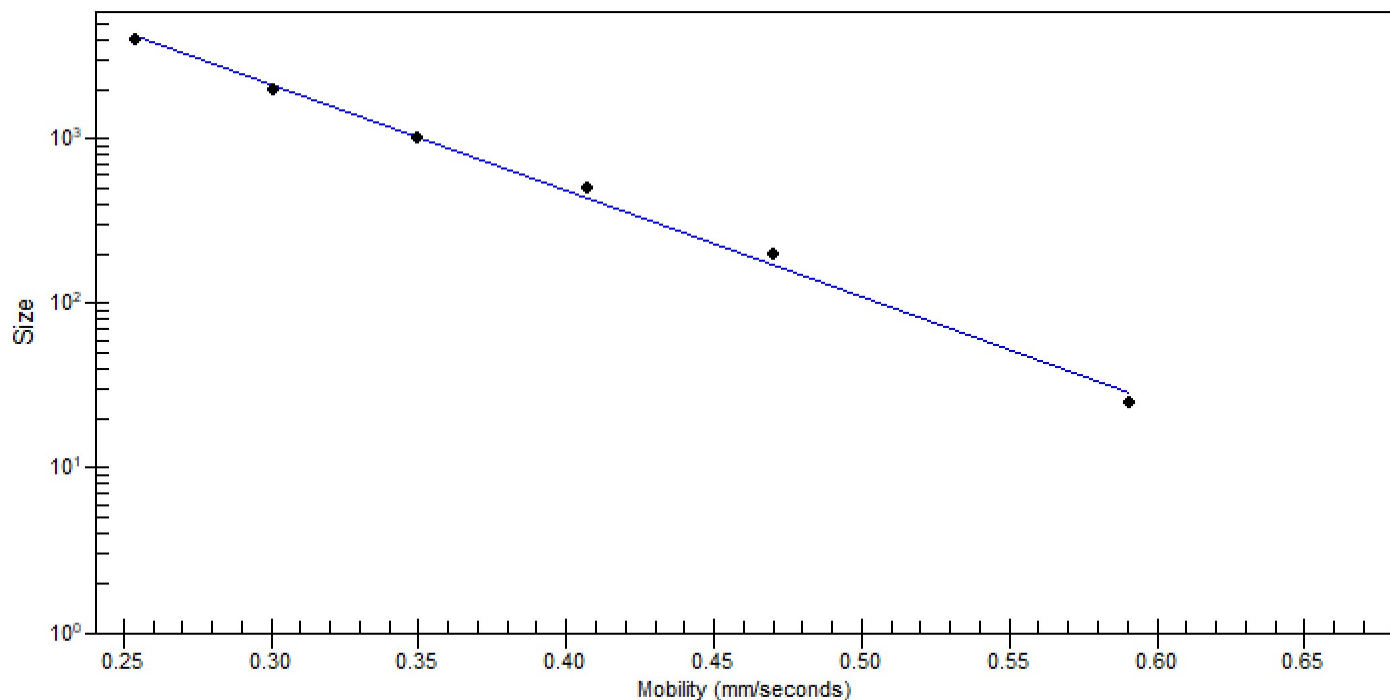


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad

Created: 8/4/2023 3:07:51 PM
Modified: 8/4/2023 4:03:34 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico Created: 8/4/2023 3:07:51 PM
 Data Path: C:\...zer\2100 expert\data\2023-08-04\Nova0943_1-2_Post_DNAse.xad Modified: 8/4/2023 4:03:34 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		8/4/2023 3:30:40 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2023-08-04\Bioan_GA_080223_Eukaryote Total RNA Pico_DE34903152_2023-08-04_Product Number : G2938C		Instrument	Run		8/4/2023 3:07:53 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/4/2023 3:07:53 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/4/2023 3:07:53 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/4/2023 3:07:53 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/4/2023 3:07:53 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/4/2023 3:07:53 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB