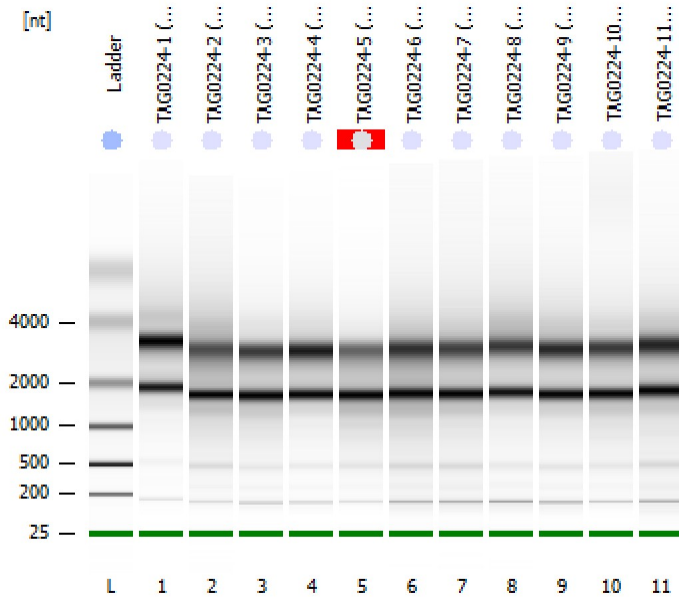


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 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:

TAG0224-1 (1:5) **TAG0224-2 (1:10)** **TAG0224-3 (1:6)**
RIN: 9.60 RIN: 8.30 RIN: 9.40

TAG0224-4 (1:20) **TAG0224-5 (1:15)** **TAG0224-6 (1:6)**
RIN: 9.50 RIN N/A RIN:9

TAG0224-7 (1:9) **TAG0224-8 (1:5)** **TAG0224-9 (1:5)**
RIN: 9.30 RIN: 9.60 RIN: 9.60

TAG0224-10 (1:15) **TAG0224-11 (1:6)**
RIN: 9.80 RIN: 9.40

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
 Modified: 8/19/2023 11:09:37 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
TAG0224-1 (1:5)		✓	RIN: 9.60	
TAG0224-2 (1:10)		✓	RIN: 8.30	
TAG0224-3 (1:6)		✓	RIN: 9.40	
TAG0224-4 (1:20)		✓	RIN: 9.50	
TAG0224-5 (1:15)		✓	RIN N/A	
TAG0224-6 (1:6)		✓	RIN:9	
TAG0224-7 (1:9)		✓	RIN: 9.30	
TAG0224-8 (1:5)		✓	RIN: 9.60	
TAG0224-9 (1:5)		✓	RIN: 9.60	
TAG0224-10 (1:15)		✓	RIN: 9.80	
TAG0224-11 (1:6)		✓	RIN: 9.40	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
 Modified: 8/19/2023 11:09:37 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:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary

Ladder



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-1 (1:5)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-2 (1:10)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-3 (1:6)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-4 (1:20)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-5 (1:15)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-6 (1:6)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-7 (1:9)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-8 (1:5)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-9 (1:5)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

TAG0224-10 (1:15)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Electropherogram Summary Continued ...

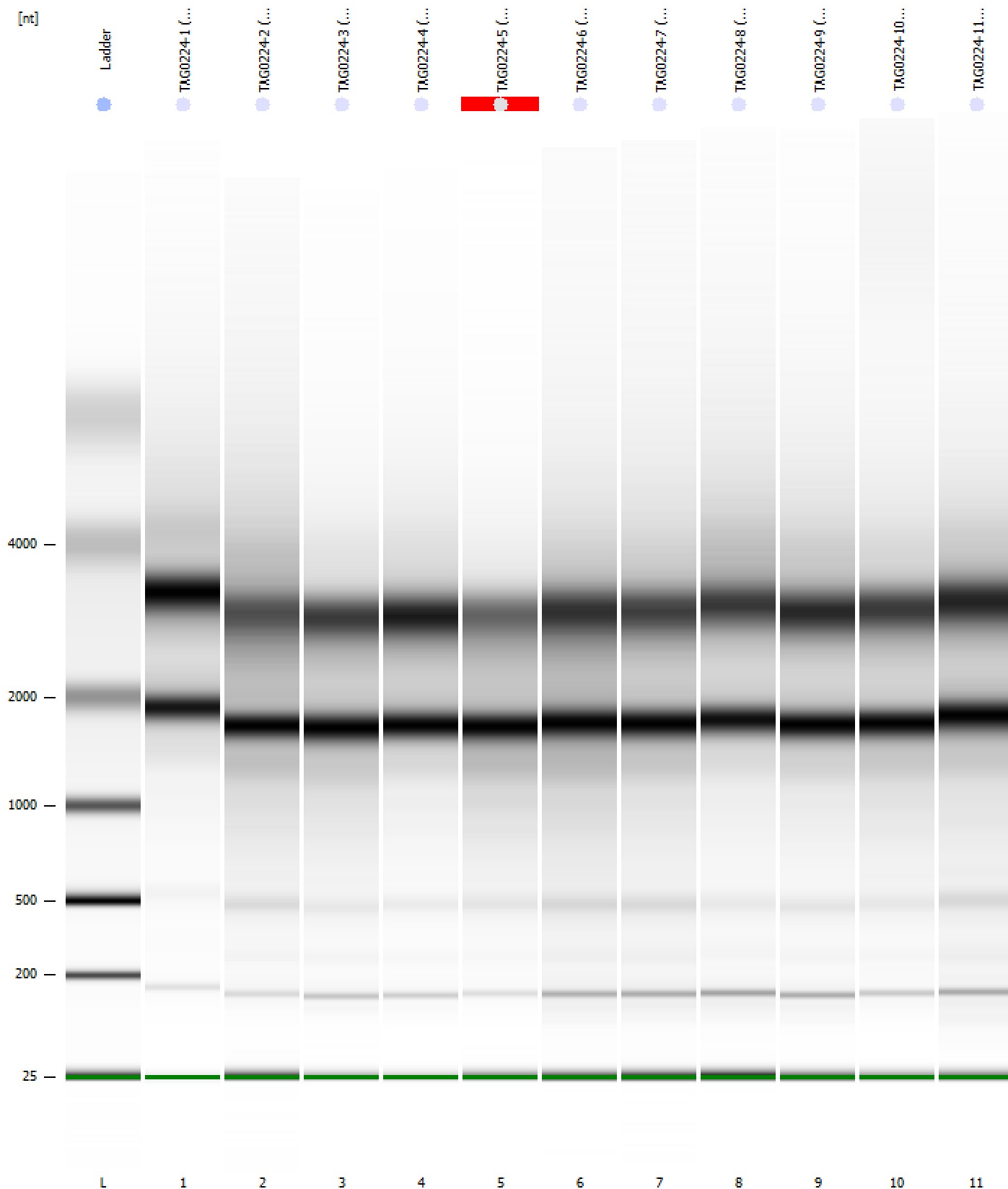
TAG0224-11 (1:6)



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Gel Image

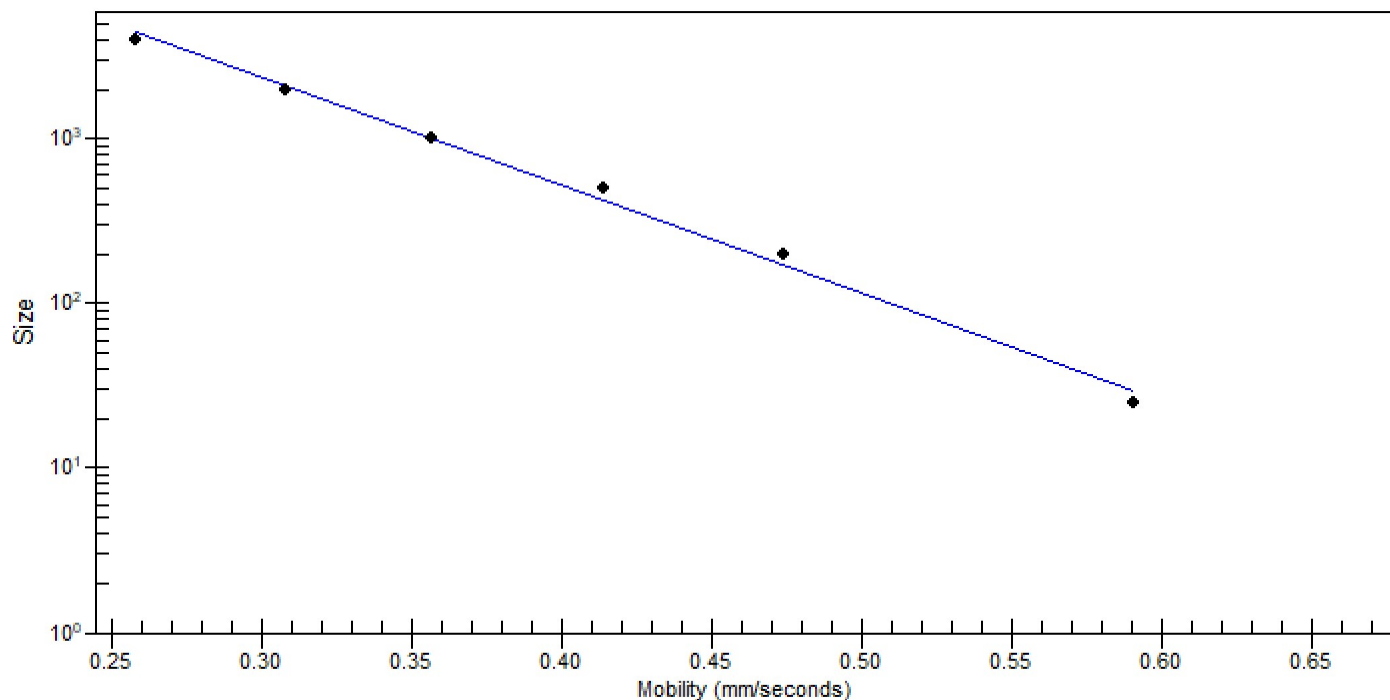


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
Modified: 8/19/2023 11:09:37 AM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad

Created: 8/19/2023 10:46:36 AM
 Modified: 8/19/2023 11:09:37 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		8/19/2023 11:09:33 AM	(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\2023-08-19\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2023-08-19_001.xad)		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/19/2023 10:46:42 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB