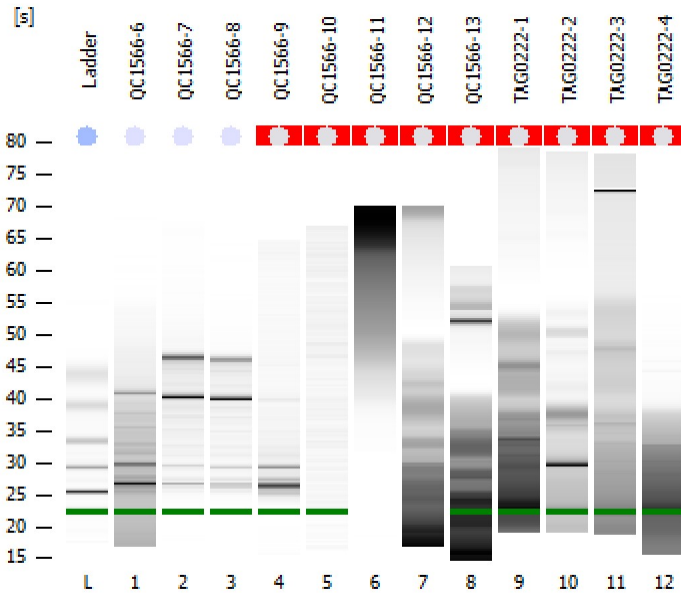


Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
 Modified: 8/1/2023 4:50:29 PM

Electrophoresis File Run Summary



Instrument Information:

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

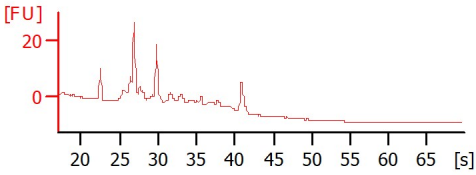
Assay Information:

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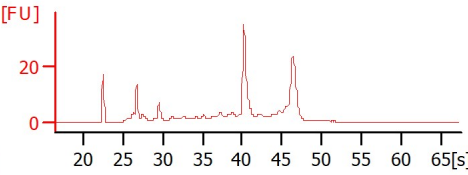
Chip Information:

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

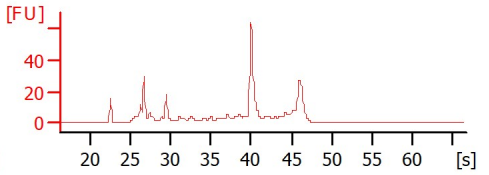
QC1566-6
 TK_6_M8168
 RIN: 4.50



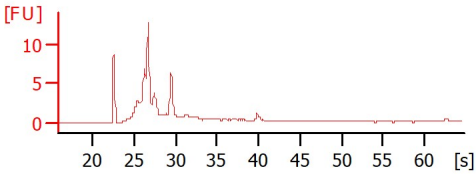
QC1566-7
 TK_7_M9229
 RIN: 7.60



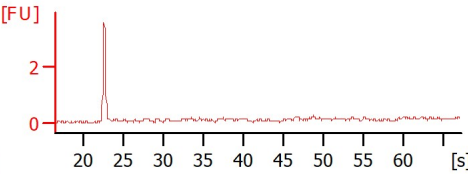
QC1566-8
 TK_8_M7119
 RIN: 7.40



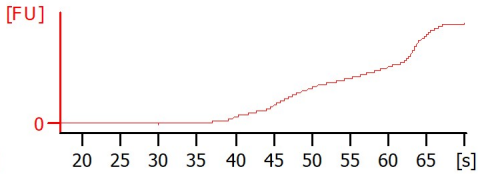
QC1566-9
 TK_9_M8156
 RIN N/A



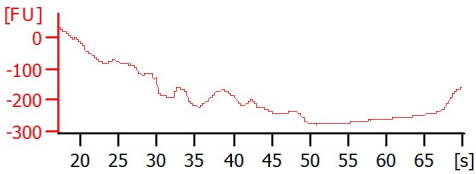
QC1566-10
 TK_10_M8162
 RIN N/A



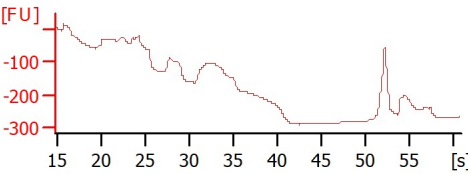
QC1566-11
 TK_11_M9255
 RIN N/A



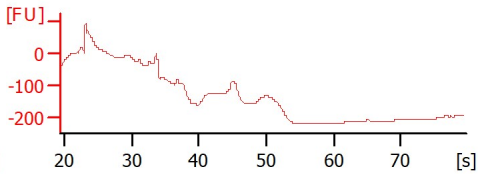
QC1566-12
 TK_12_F7614
 RIN N/A



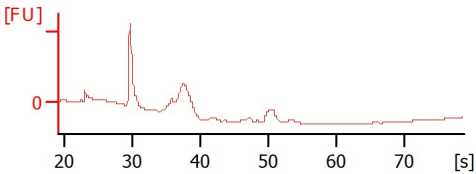
QC1566-13
 TK_13_F8186
 RIN N/A



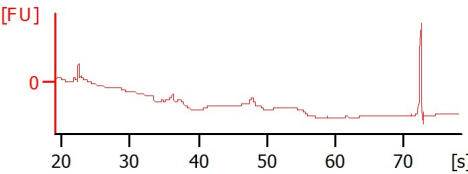
TAG0222-1
 SCRUN1
 RIN N/A



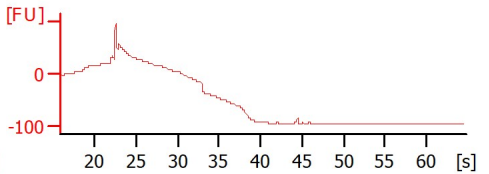
TAG0222-2
 SCRINF1
 RIN N/A



TAG0222-3
 CBLKINF1
 RIN N/A



TAG0222-4
 SCRUN1
 RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
 Modified: 8/1/2023 4:50:29 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
QC1566-6	TK_6_M8168	✓	RIN: 4.50	
QC1566-7	TK_7_M9229	✓	RIN: 7.60	
QC1566-8	TK_8_M7119	✓	RIN: 7.40	
QC1566-9	TK_9_M8156	✓	RIN N/A	
QC1566-10	TK_10_M8162	✓	RIN N/A	
QC1566-11	TK_11_M9255	✓	RIN N/A	
QC1566-12	TK_12_F7614	✓	RIN N/A	
QC1566-13	TK_13_F8186	✓	RIN N/A	
TAG0222-1	SCRUN1	✓	RIN N/A	
TAG0222-2	SCRINF1	✓	RIN N/A	
TAG0222-3	CBLKOINF1	✓	RIN N/A	
TAG0222-4	SCRUN1	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
 Modified: 8/1/2023 4:50:29 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
 Minimum Visible Range [s] : 17
 Maximum Visible Range [s] : 70
 Start Analysis Time Range [s] : 19
 End Analysis Time Range [s] : 69
 Ladder Concentration [ng/μl] : 150
 Lower Marker Concentration [ng/μl] : 0
 Upper Marker Concentration [ng/μl] : 0
 Used Lower Marker for Quantitation
 Standard Curve Fit is Logarithmic
 Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
 Integration End Time [s] : 69
 Slope Threshold : 0.6
 Height Threshold [FU] : 0.5
 Area Threshold : 0.2
 Width Threshold [s] : 0.5
 Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
 Polynomial Order : 4

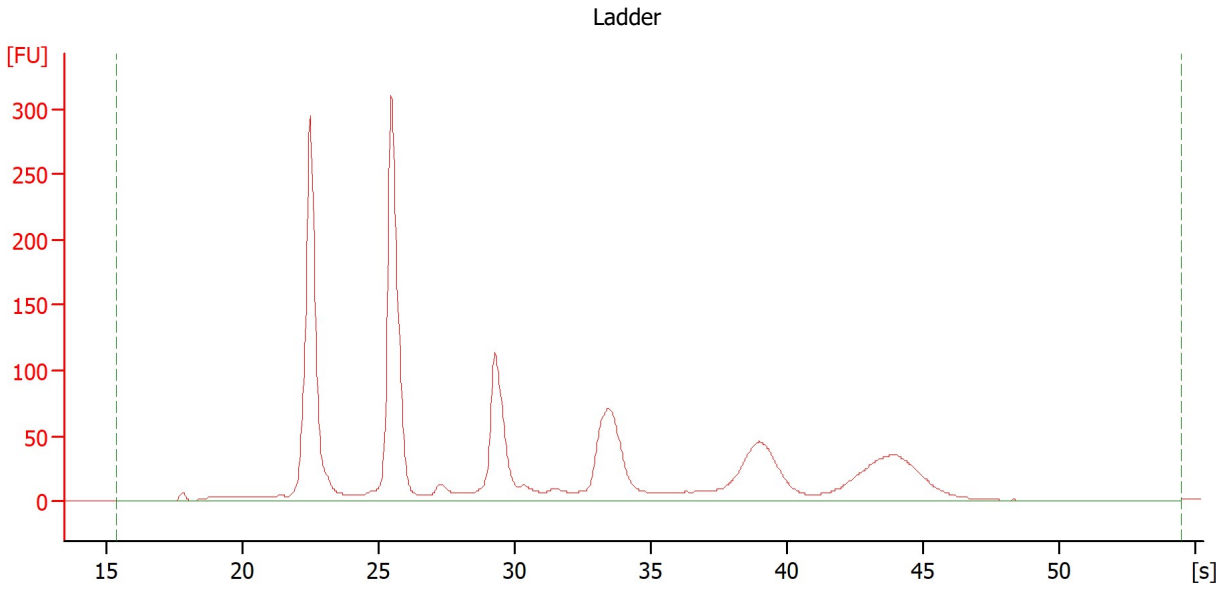
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
Modified: 8/1/2023 4:50:29 PM

Electropherogram Summary



Overall Results for Ladder

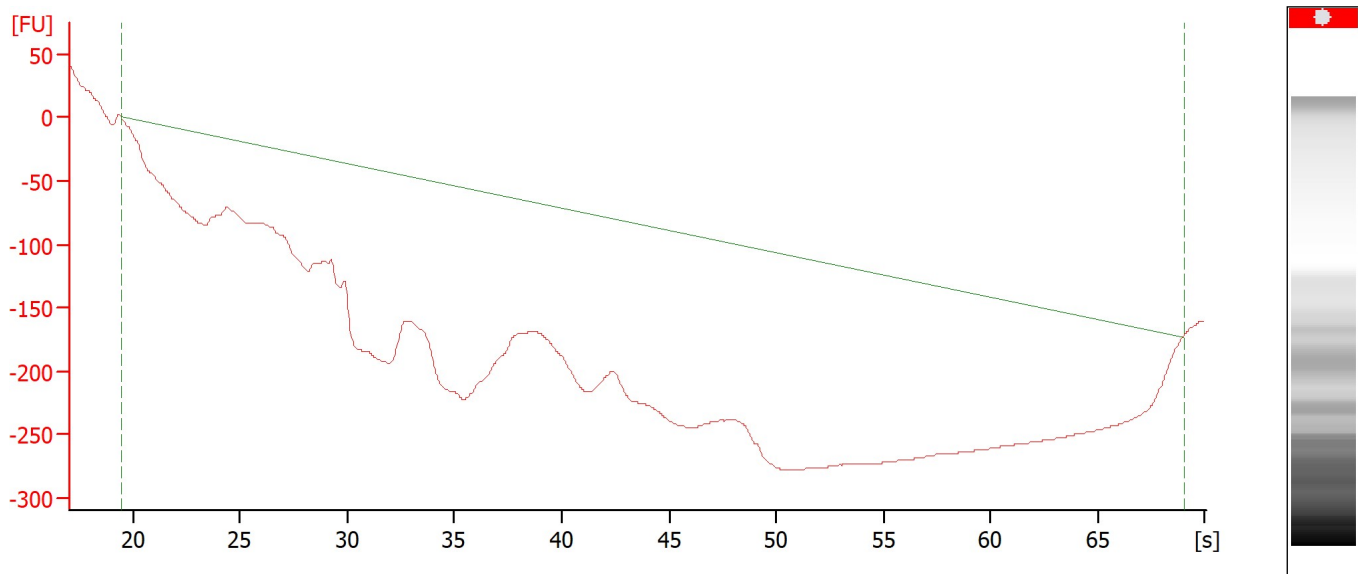
RNA Area:	1,662.7	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
Modified: 8/1/2023 4:50:29 PM

Electropherogram Summary Continued ...

QC1566-12 [TK_12_F7614]



Overall Results for sample 7 : QC1566-12

RNA Concentration: 0 ng/μl
rRNA Ratio [28s / 18s]: 0.0

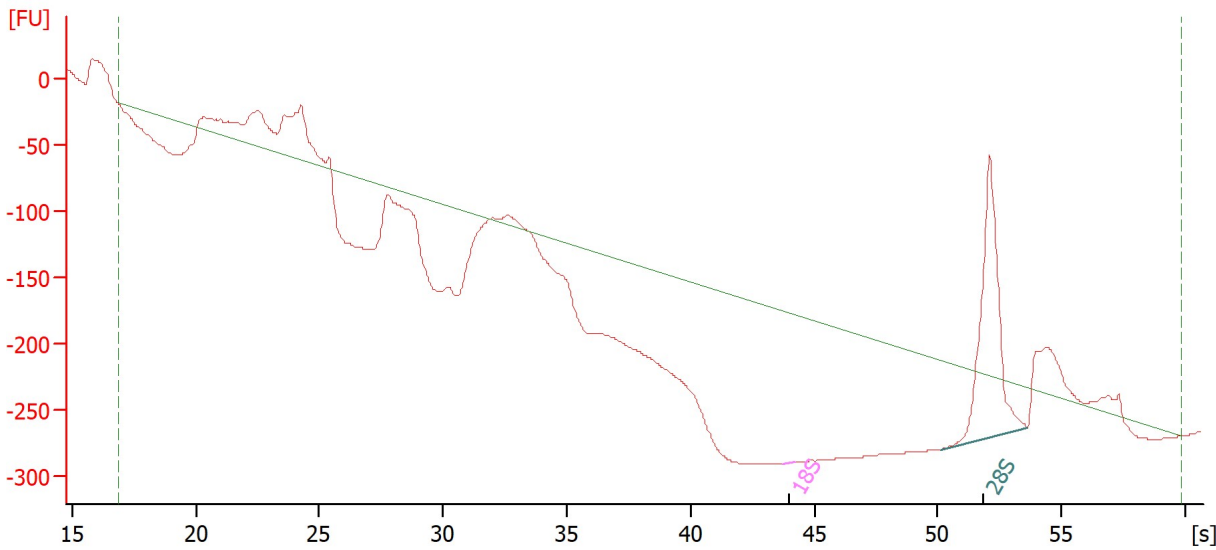
Result Flagging Color:
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
 Modified: 8/1/2023 4:50:29 PM

Electropherogram Summary Continued ...

QC1566-13 [TK_13_F8186]



Overall Results for sample 8 : QC1566-13

RNA Area:	580.3	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	52 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1,494.8	Result Flagging Label:	RIN N/A

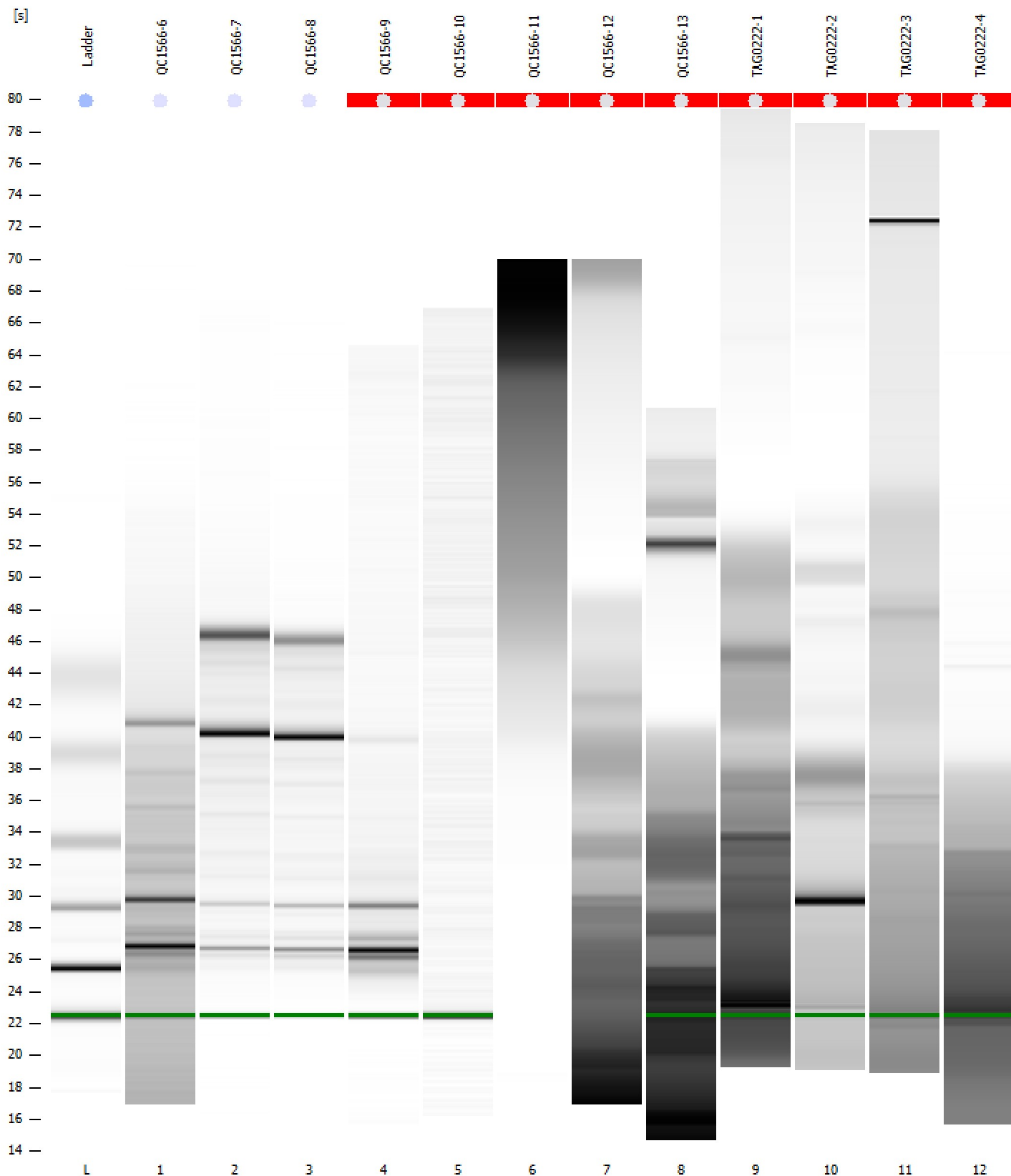
Fragment table for sample 8 : QC1566-13

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,907	4,098	0.2	0.0
28S	6,487	7,881	327.4	56.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
Modified: 8/1/2023 4:50:29 PM

Gel Image

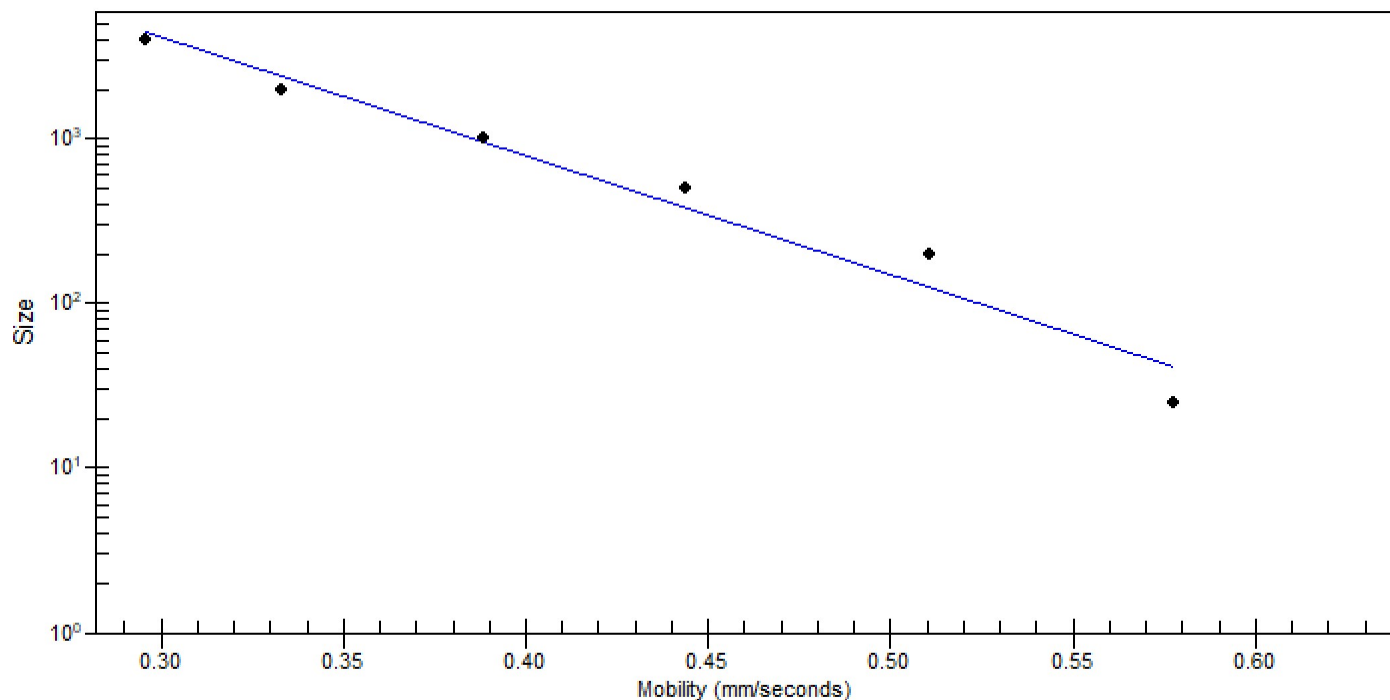


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad

Created: 8/1/2023 3:46:09 PM
Modified: 8/1/2023 4:50:29 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Nano Created: 8/1/2023 3:46:09 PM
 Data Path: C:\...zer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad Modified: 8/1/2023 4:50:29 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		8/1/2023 4:10:00 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\2023-08-01\Bioanalyzer1_Eukaryote Total RNA Nano_DE34903152_2023-08-01_001.xad)		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/1/2023 3:46:15 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB