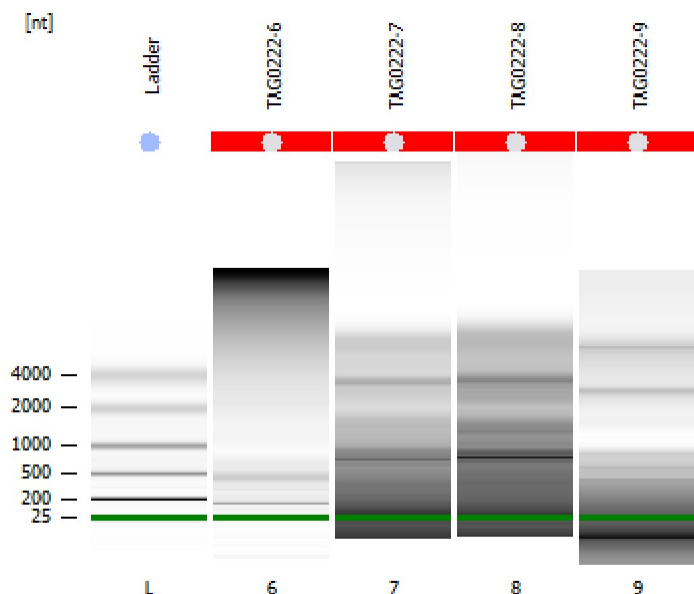


Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
 Modified: 8/2/2023 1:34:47 PM

Electrophoresis File Run Summary



Instrument Information:

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

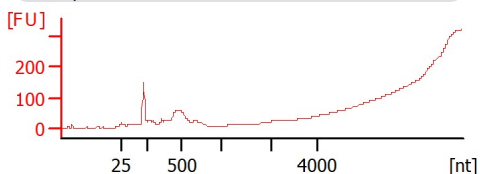
Assay Information:

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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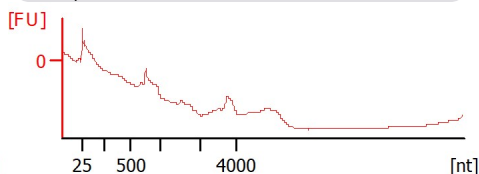
Chip Information:

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

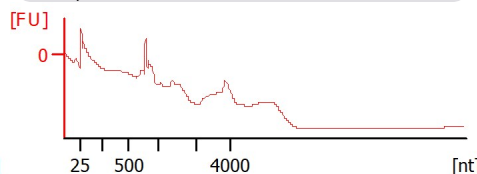
TAG0222-6
 CBLKOINF2
 RIN N/A



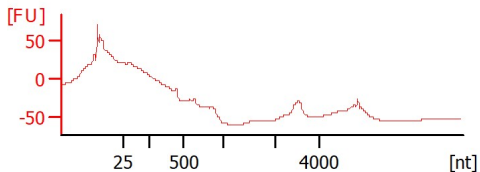
TAG0222-7
 SCRUN3
 RIN N/A



TAG0222-8
 SCRINF3
 RIN N/A



TAG0222-9
 CBLKOINF3
 RIN N/A



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
Modified: 8/2/2023 1:34:47 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
TAG0222-6	CBLKOINF2	✓	RIN N/A	
TAG0222-7	SCRUN3	✓	RIN N/A	
TAG0222-8	SCRINF3	✓	RIN N/A	
TAG0222-9	CBLKOINF3	✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
Modified: 8/2/2023 1:34:47 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

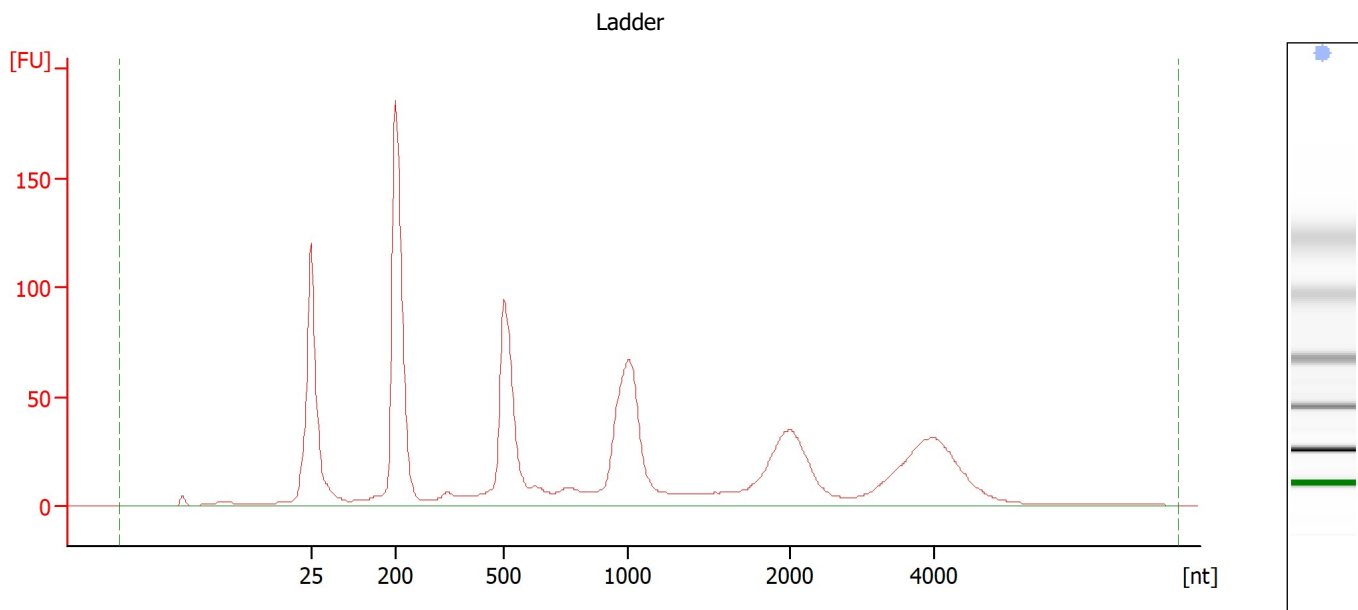
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
Modified: 8/2/2023 1:34:47 PM

Electropherogram Summary



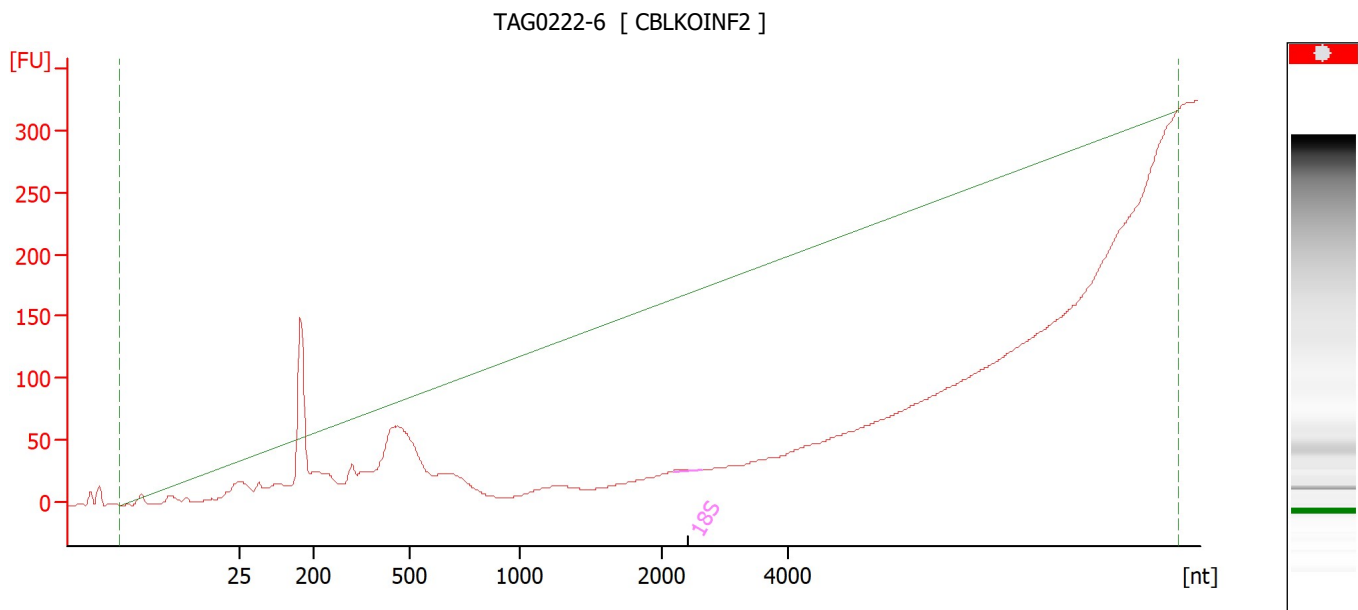
Overall Results for Ladder

RNA Area:	1,243.5	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
 Modified: 8/2/2023 1:34:47 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : TAG0222-6

RNA Area:	82.8	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	10 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

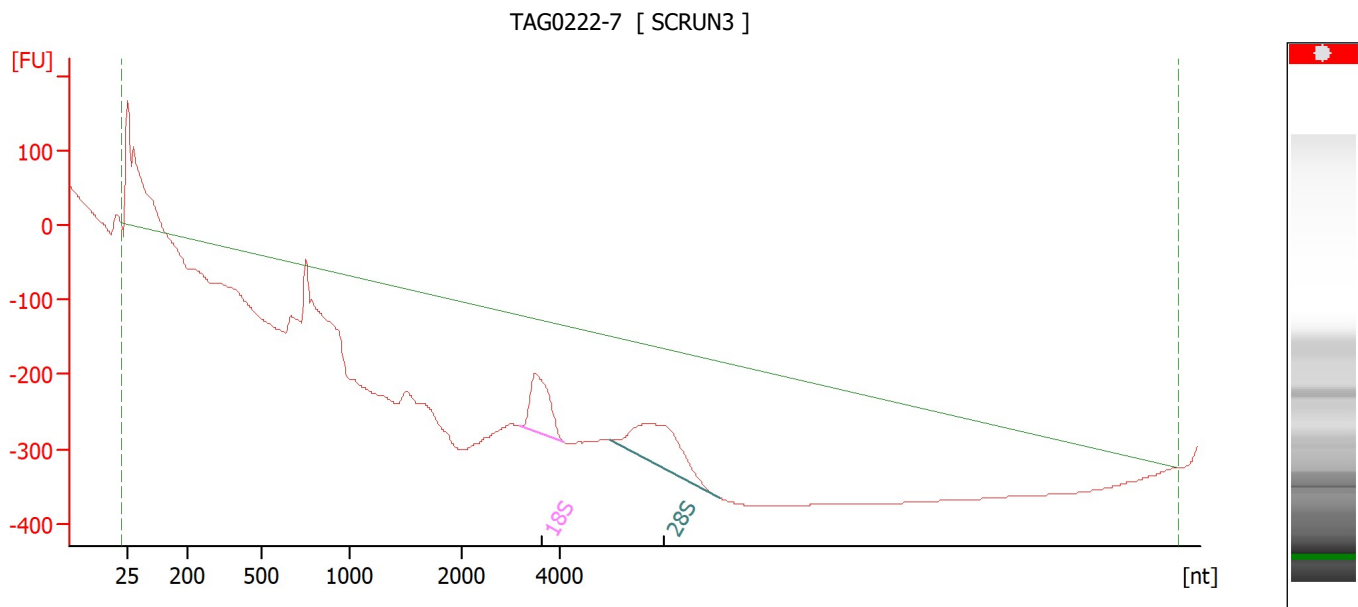
Fragment table for sample 6 : TAG0222-6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,181	2,621	2.1	2.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
 Modified: 8/2/2023 1:34:47 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : TAG0222-7

RNA Area:	1.9	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	0 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN N/A

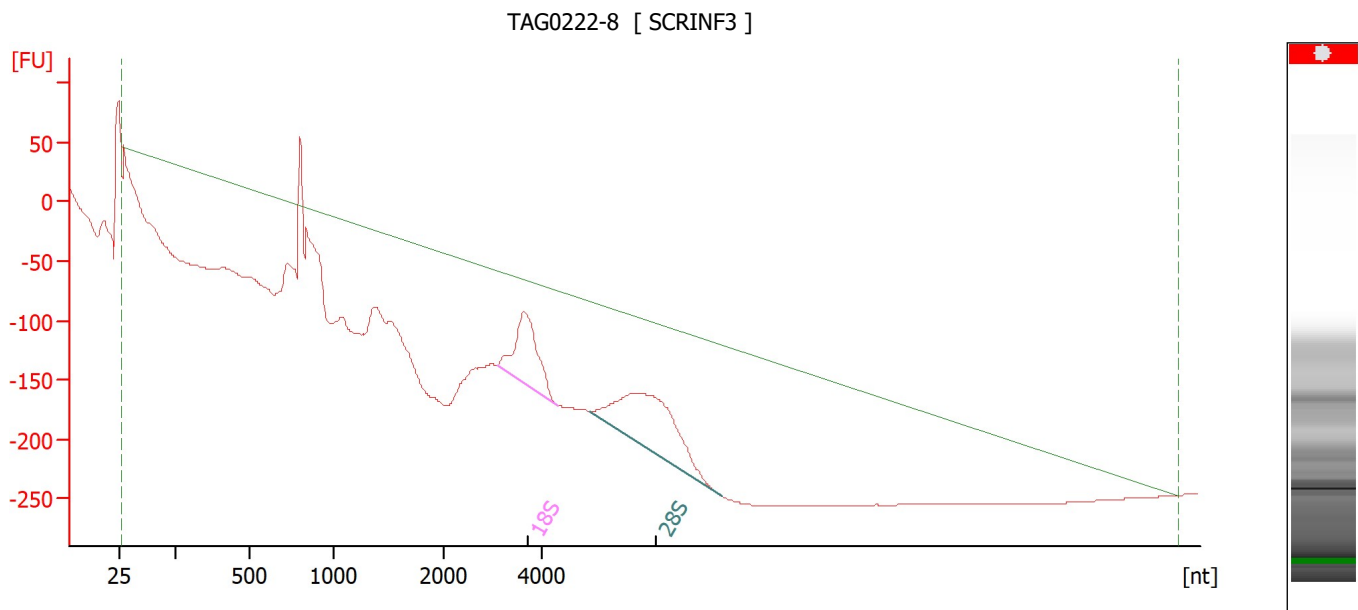
Fragment table for sample 7 : TAG0222-7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,184	4,084	210.0	10,842.2
28S	4,985	7,215	329.7	17,020.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
 Modified: 8/2/2023 1:34:47 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : TAG0222-8

RNA Area:	-61.8	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	0 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN N/A

Fragment table for sample 8 : TAG0222-8

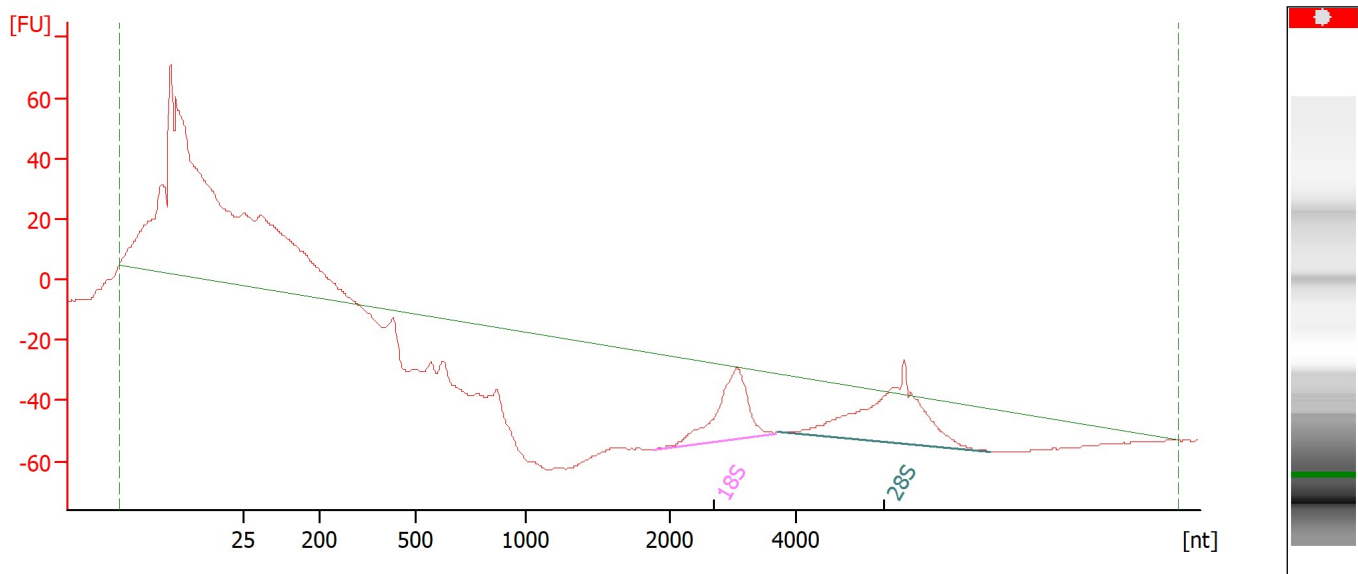
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,103	4,332	194.9	-315.3
28S	5,012	7,734	333.9	-540.2

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
 Modified: 8/2/2023 1:34:47 PM

Electropherogram Summary Continued ...

TAG0222-9 [CBLKOINF3]



Overall Results for sample 9 : TAG0222-9

RNA Area:	905.5	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	109 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN N/A

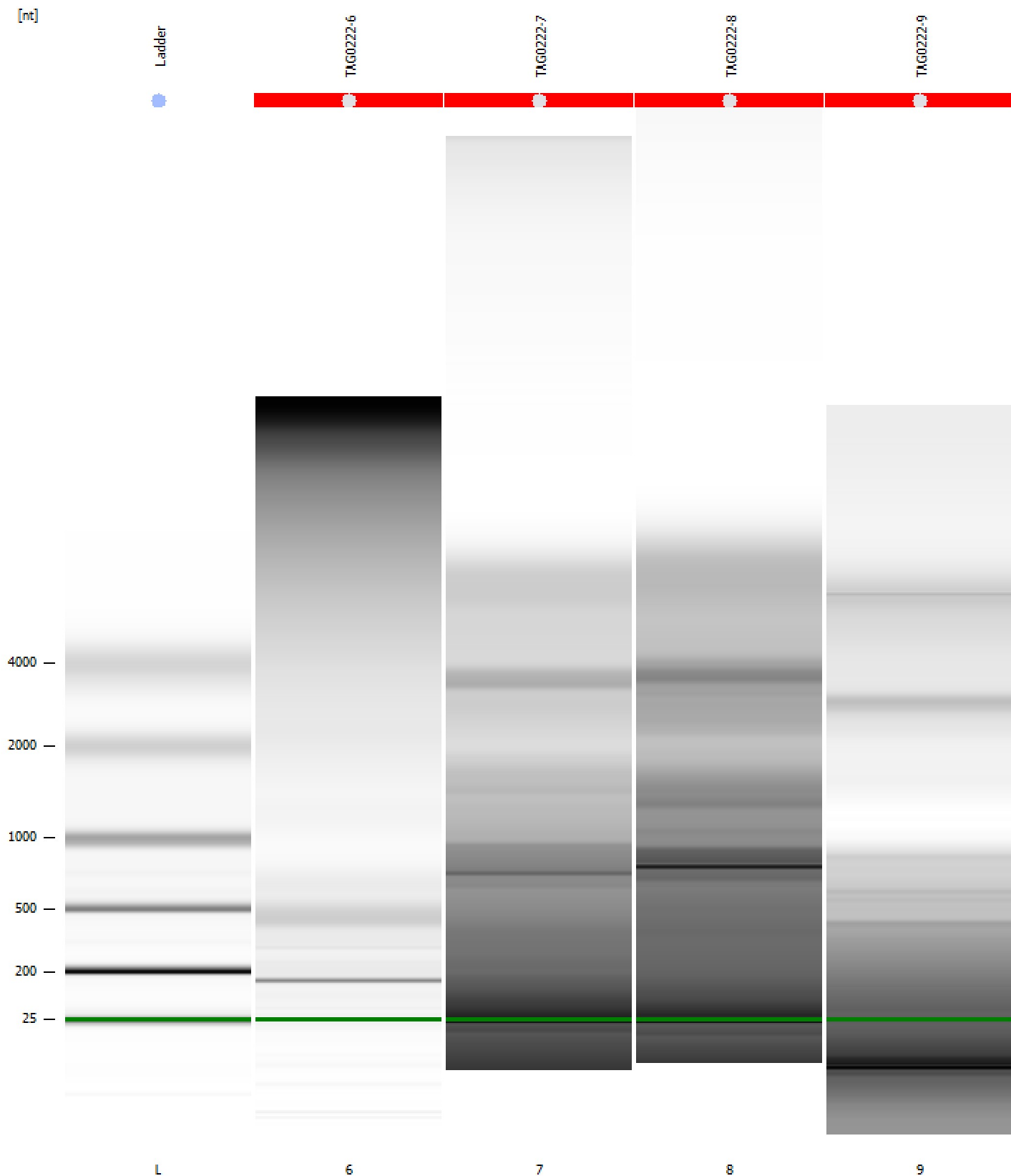
Fragment table for sample 9 : TAG0222-9

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,885	3,654	79.5	8.8
28S	3,688	7,045	128.6	14.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
Modified: 8/2/2023 1:34:47 PM

Gel Image

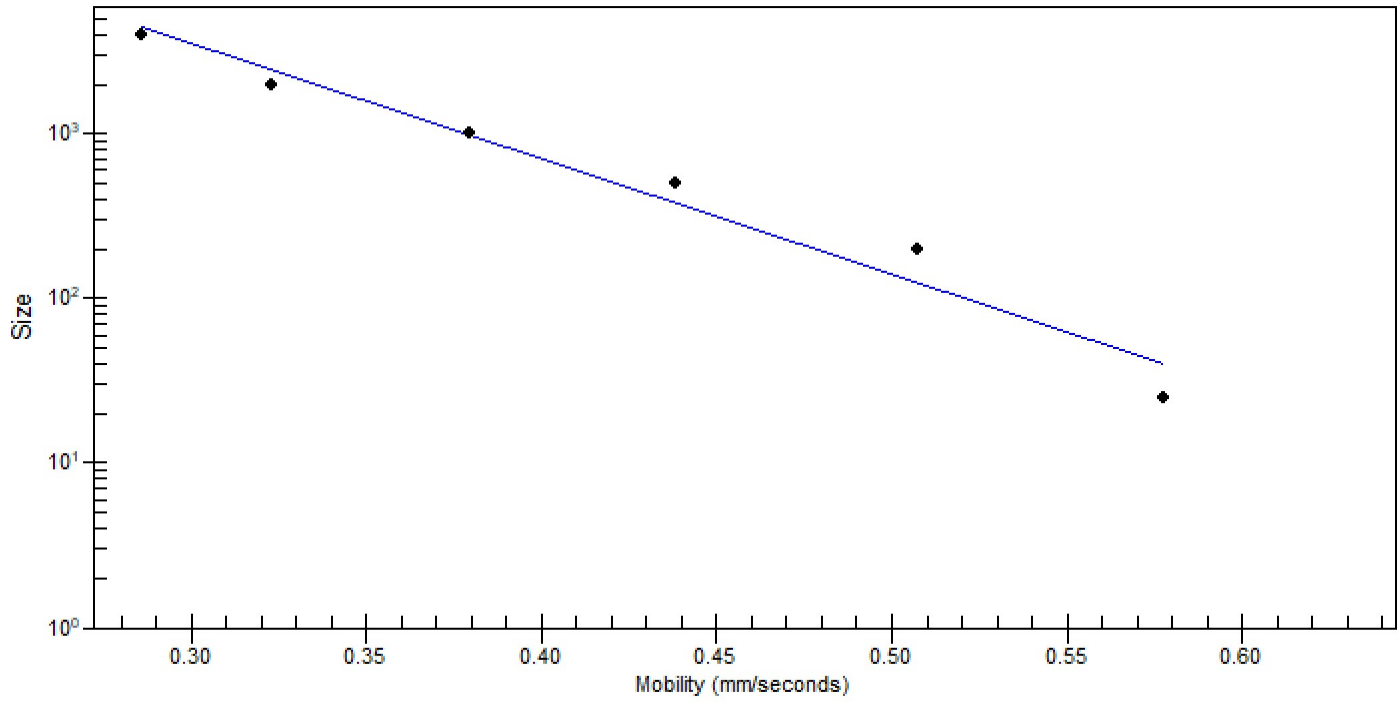


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
Modified: 8/2/2023 1:34:47 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...100 bioanalyzer\2100 expert\data\2023-08-02\TAG0222_6-9.xad

Created: 8/2/2023 11:50:22 AM
 Modified: 8/2/2023 1:34:47 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		8/2/2023 12:14:15 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\2023-08-02\Bioanalyzer1_Eukaryote Total RNA Nano_DE34903152_2023-08-02_001.xad)		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/2/2023 11:50:29 AM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB