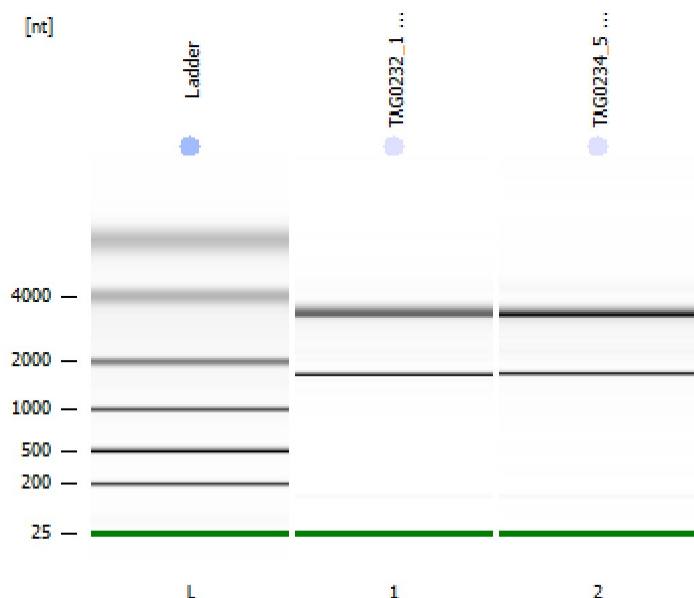


Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
 Modified: 10/17/2023 4:11:10 PM

Electrophoresis File Run Summary



Instrument Information:

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

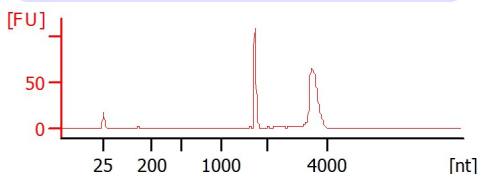
Assay Information:

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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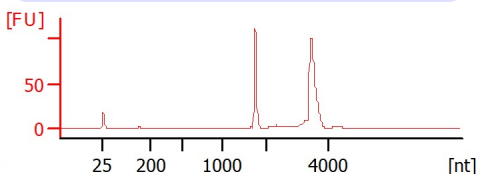
Chip Information:

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

TAG0232_1 (1:5)
 RIN: 10



TAG0234_5 (1:2)
 RIN: 9.90



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
 Modified: 10/17/2023 4:11:10 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
TAG0232_1 (1:5)		✓	RIN:10	
TAG0234_5 (1:2)		✓	RIN: 9.90	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
Modified: 10/17/2023 4:11:10 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/ μ l] : 150
Lower Marker Concentration [ng/ μ l] : 0
Upper Marker Concentration [ng/ 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] : 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

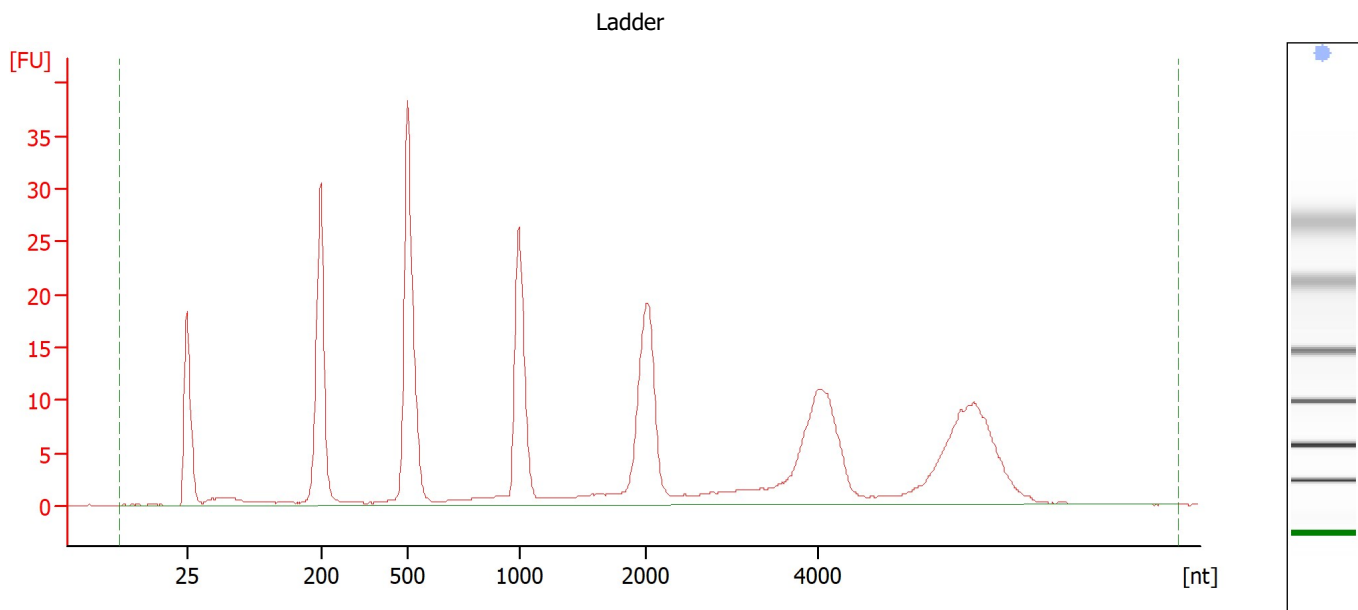
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
Modified: 10/17/2023 4:11:10 PM

Electropherogram Summary



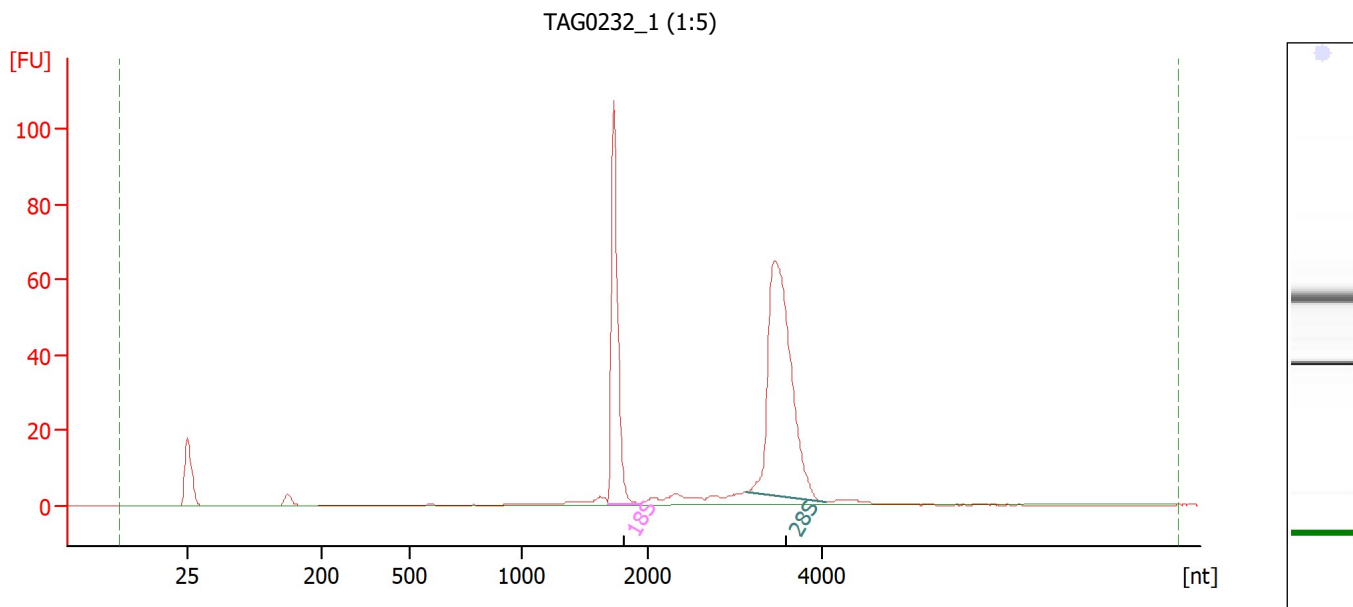
Overall Results for Ladder

RNA Area:	308.2	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
 Modified: 10/17/2023 4:11:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : TAG0232 1 (1:5)

RNA Area:	303.4	RNA Integrity Number (RIN):	10 (B.02.10)
RNA Concentration:	148 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN:10

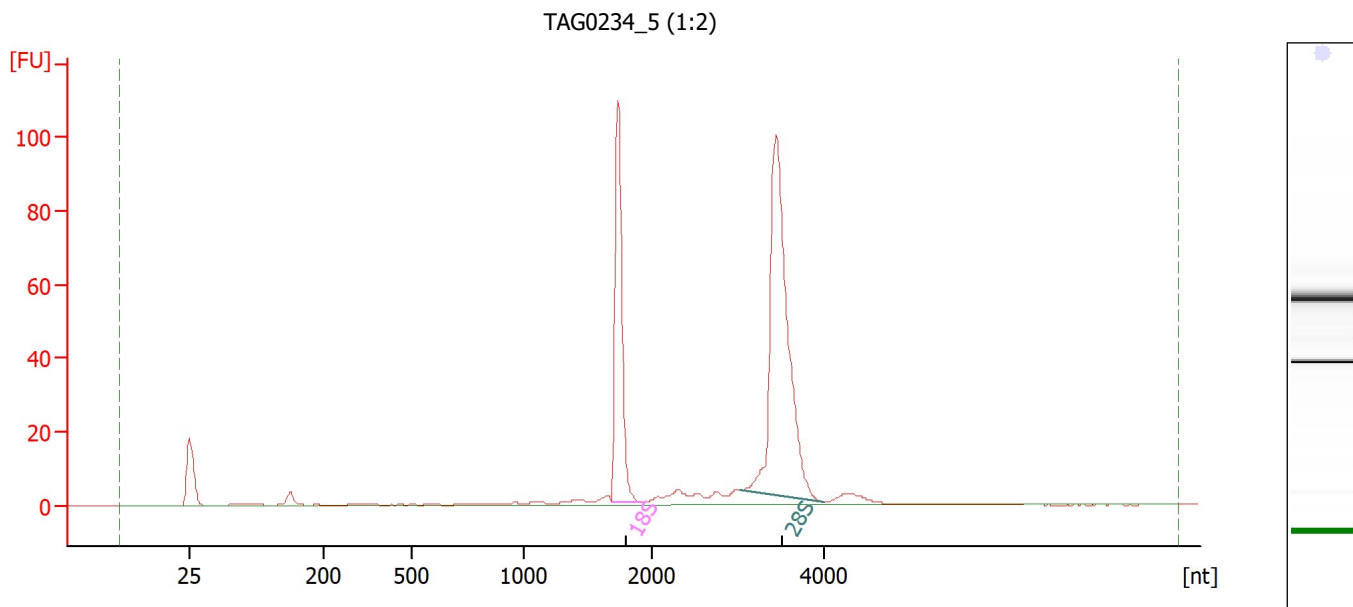
Fragment table for sample 1 : TAG0232 1 (1:5)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,681	1,924	85.8	28.3
28S	3,116	4,058	155.1	51.1

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
 Modified: 10/17/2023 4:11:10 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : TAG0234 5 (1:2)

RNA Area:	352.9	RNA Integrity Number (RIN):	9.9 (B.02.10)
RNA Concentration:	172 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN: 9.90

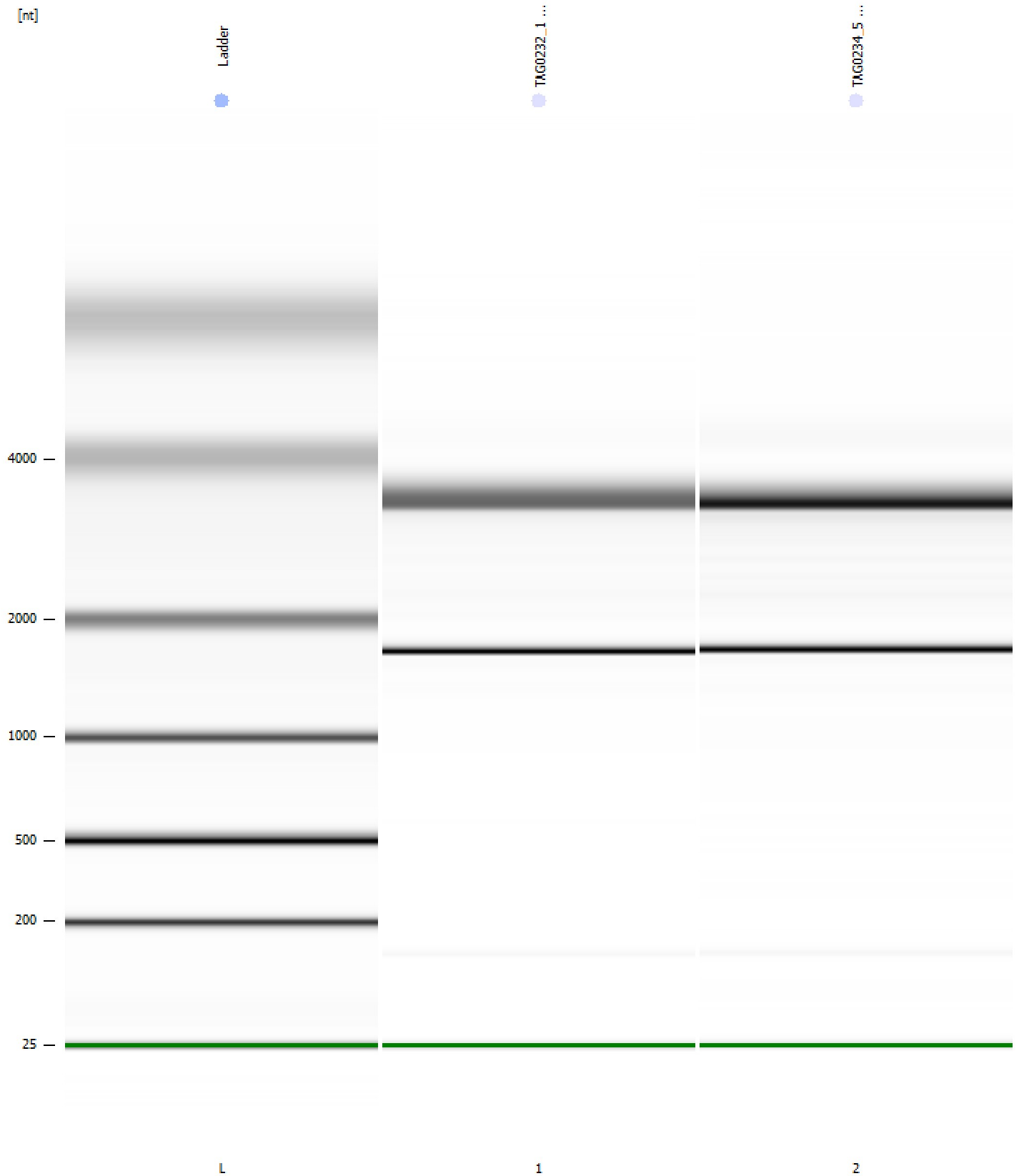
Fragment table for sample 2 : TAG0234 5 (1:2)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,691	1,925	89.9	25.5
28S	3,027	3,992	181.6	51.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
Modified: 10/17/2023 4:11:10 PM

Gel Image

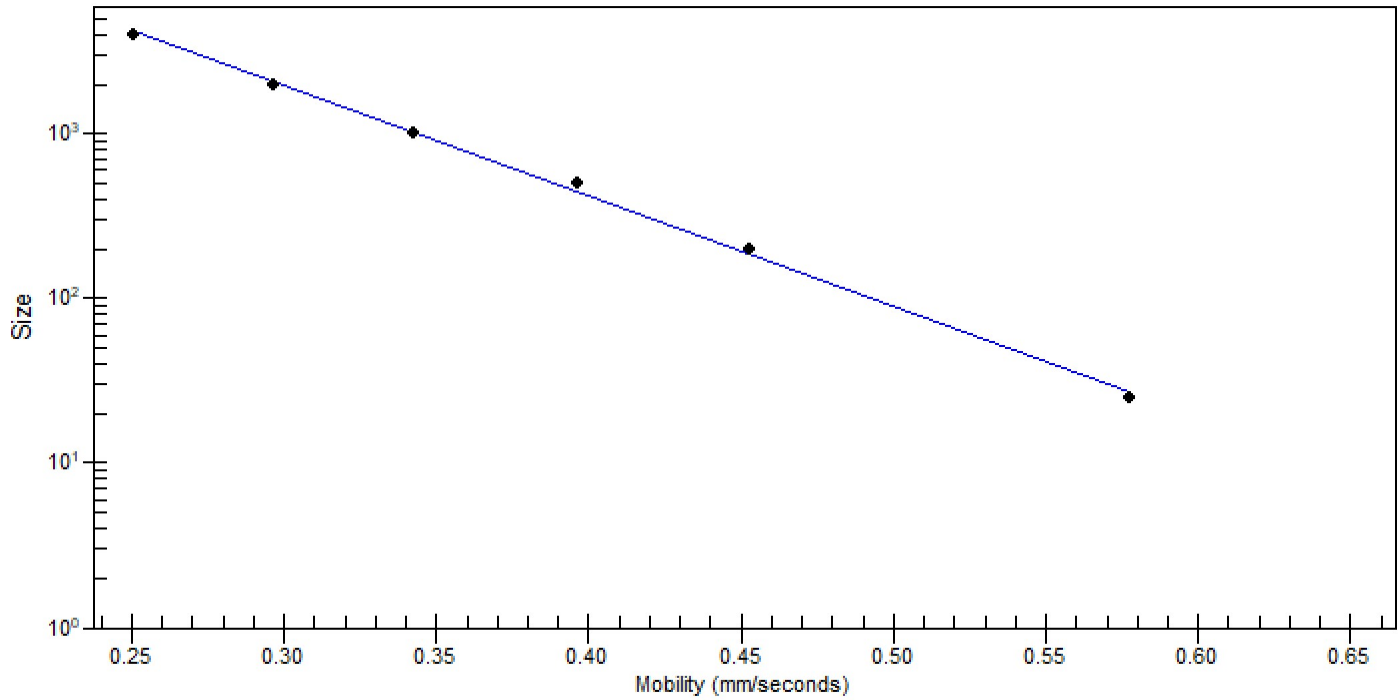


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
Modified: 10/17/2023 4:11:10 PM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...oanalyzer\2100 expert\data\2023-10-17\TAG232-1_TAG234-5.xad

Created: 10/17/2023 3:35:10 PM
 Modified: 10/17/2023 4:11:10 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		10/17/2023 3:59:02 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\2023-10-17\Bioanalyzer1_Eukaryote Total RNA Nano_DE34903152_2023-10-17_001.xad)		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		10/17/2023 3:35:16 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB